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FARMER SEED & NURSERY CO.
FARIBAULT, MINNESOTA.
Farmer Seed & Nursery Co.  
Faribault, Minn. 

For full description and special offer of these apples, see pages 99 to 101.
Our Friends and Customers:

At the beginning of the New Year we present our twenty-seventh Annual Catalog, and thank our friends for their liberal patronage during the past season. In looking over our mailing list, we cannot help but notice that many of our patrons have received our catalog every year since we have been in business. This means regular and well satisfied customers for twenty-six years. That is the secret of our business success, for “once a customer, always a customer”.

To us, issuing our catalog for twenty-seven years, also means so many years of down to earth growing the good and sound kinds of Seed Corn, Seed Grains, and Garden Seeds, that we carried over a large stock of Seed Corn from last season. Strictly Minnesota varieties of Corn of high vitality will be found to be as very little Corn matured in this state. In Alfalfa, Closers, Beans, and Onion Seeds, there will be also a shortage, and prices will be considerably higher than usual. For this reason, we urge ordering early, before the best stocks are exhausted.

We again desire to express our sincere gratitude for the large measure of success we have achieved, and the confidence placed in us by our patrons. We hope that every purchase from this catalog will increase not only the popularity of our Seeds and Plants, but also the prosperity and success of every customer.

FARMER SEED & NURSERY CO.,
G. M. KUERER, Manager.

General Directions to Customers.

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

CATALOG INDEX.—To quickly find any article in this catalog, refer to the index on page 127.

NAME AND ADDRESS.—Please remember to write your Name, Post Office, County and State, a number of street or P. O. box as distinctly as possible on every order sheet as well as every letter sent to us. We frequently receive orders and letters寄语 that we cannot fill because the sender has failed to sign his name, or the P. O. address is omitted and the postmark blurred. Use our order sheet and give your name and address as on the back and signing your name and you will have no cause to censure us.

TERMS.—With every order you send us please enclose a remittance of the full amount, as we do not fill orders unless the cash is sent with them.

HOW TO SEND MONEY.—Money can be safely sent either by POSTOFFICE MONEY ORDER, BANK CHECK, EXPRESS MONEY ORDER, or in a REGISTERED LETTER. We are responsible for all money sent us in this way. Do not send money loose in a letter without registering it, as it is not safe and if lost, we cannot be responsible for it. Silver coins should be sewed in cloth to prevent wearing thru the letter. Please do not send POSTAGE STAMPS in amounts over $1.00, and have denominations in one cent stamps only. We cannot use Canadian or other foreign postage stamps.

ORDER EARLY.—We earnestly request all customers to place their orders early, as it will assist us greatly in getting everything out promptly.

QUICK SHIPMENT—is our motto. We have the facilities, and our experience and improved methods of packing and shipping enable us to fill orders almost immediately upon receipt; customers are promptly notified when goods are shipped and have been forwarded. As potatoes, onion sets and nursery stock cannot be sent during the extremely cold weather, orders for them are acknowledged and the goods shipped as soon as the weather moderates, and customers are then notified of shipment.

FORWARDING.—We deliver, postage paid, to any postoffice in the United States, Vegetable and nursery stock at prepaid price quoted in catalog. Potatoes, Implements and other bulky and heavy goods, are shipped by freight or express at purchaser’s expense. If seeds which are quoted without postage are ordered to be sent by parcel post, postage must be added according to the zone system and extra allowance made for weight. We also ship Alum, Muriate of Potash, etc., at the rate of $1.00 per pound. We are compelled to send so much less Seed. Nursery Stock, where no pre-paid prices are given, will be sent by express or freight, the customer to pay the charges. Seeds, Plants and Bulbs are now taken by the Express Companies at greatly reduced rates.

If customers will write to us in order to ship to us, we will use our best judgment in sending the order the quickest and cheapest way, and think that, with our experience gained by shipping so many thousands of orders every year, we can do well for you.

PACKING.—No charge is made for boxes or packing, nor for delivery to our Freight Depots or Express Offices.

PREPAID RAILROAD STATIONS.—Many of our farmer customers live at a Prepaid Railroad Station, where there is no agent. In such cases we must request them to send sufficient money to pay freight charges. If this is not done, we will ship to the nearest station that is not a prepayment station.

SAFE ARRIVAL OF PACKAGES.—We endeavor to ensure the safe arrival of packages of Seeds, Bulbs and Plants in good condition. We have, however, occasionally found it necessary to return our packages in the event of their failure to reach their destination in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods.

MARKET GARDENERS—and others who buy Vegetable Seeds in large quantities should ask for our Market Gardener’s Wholesale Price List.

ORDERS FOR NURSERY STOCK—should be made out on a separate sheet from the Seed orders; the departments are separate, and the orders cannot be shipped together; seeds can be forwarded at any time but the nursery stock will be sent at the proper time to plant.

ERRORS.—We exercise the utmost care in filling orders, striving to err on the side of more than we offer, yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of your orders for comparison.

OUR GUARANTEE.—The seeds we offer in this catalog have been carefully grown, selected, cleaned and repeatedly tested. We can promise the same degree of purity, and for many years our guarantee has been a source of satisfaction to our customers. Our guarantee sometimes are occasionally occur and for that reason we cannot assume responsibility for failures in the price set only paid by the purchaser; if therefore failure is due to any fault of our seeds, we will refund the price paid. It is impossible, however, for us to undertake any responsibility, expressed or implied, in describing or describing the plants. If any other matter connected with the crop after seed has been sown. At the very moderate prices at which we sell our seeds and other products, every sale is made subject to above conditions.—P. S. & N. Co.

As to guarantee on nursery stock see Nursery Department, page 98.

CORRESPONDENCE.—We endeavor to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, but not on order sheets.

AS TO OUR RESPONSIBILITY.—Our catalog goes to all parts of the United States and to many foreign countries. It will reach many who have never dealt with us before. To such we would say: You are perfectly safe in sending us your money. Ask your banker, or look us up in the Commercial Agency reports, or if you prefer write (enclosing stamps) to the Citizen’s National Bank, Security Bank, Chase State Bank, Wells Fargo Express Co., American Express Co., or the Faribault Commercial Club, all of Faribault, Minnesota.

For Premiums see pages 44 and 45.
VEGETABLE SEED NOVELTIES AND SPECIALTIES.

Under this heading, our customers will find new varieties worthy of trial, and others of recent introduction of such value as to give them special mention on these pages. We also list a number of varieties here of which we make a specialty, growing them on an extensive scale.

CABBAGE.

EARLY COPENHAGEN MARKET.

Another season has greatly added to the fame of this superb new Cabbage which originated in Denmark, from whence some of our very best varieties have come. It has created quite a sensation among cabbage growers and is considered unequaled for market. Undoubtedly it is without a rival the finest large, round-headed, early cabbage in cultivation. The type is thoroughly fixed, the heads maturing all at the same time, being a great consideration to market gardeners. The heads are the variety of Red Globe which we have produced by pure strains each in weight, are very solid, with small core, and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield per acre than other popular varieties.

The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants, therefore, can be set closer than is usual with varieties of similar size. Early, hard-heading, compact, uniform ripening, good quality, splendid appearance,—surely these points are worthy of consideration.

We can recommend this splendid new cabbage without reservation to the most critical planters. It will prove a great money maker for the market gardener. Our seed comes direct from the originator of this variety. Packet 10c, oz. 30c, ½ lb. $1.00, lb. $3.50, prepaid.

MUSK MELON.

ROBINSON'S DELICIOUS Rockyford Cantaloupe.

This unsurpassed strain of the Eden Gem type is the result of several years' selection by one of the most progressive farmers of Rockyford, Colorado. Its shape is ideal, very slightly oval, no ribs and it is heavily netted over the entire melon, but uniform in texture, size and flavor as thick at the end as elsewhere. Melon is thick fleshed, fine grained and sweet; color green with a gold margin next to seed cavity. Our claim for this melon is its uniform shape, size and very superior quality. Its flesh is attractive and elicits favorable comment when served. Every seed we offer from this strain will be from select melons. We recommend this seed for the use of Melon Grower's Associations and high class market gardeners. Pkt. 10c, oz. 20c, ½ lb. 50c, lb. $1.75. 5 lbs. $7.50, prep'd.

PEPPER.

BLACK CARDINAL.

The plant is hardier than other varieties, of quick growth, maturing in a short season numerous fruits of bright glossy black color, measuring 6 to 9 inches in length. A very ornamental sort, useful and strange. Packet 10c.

ONION—Faribault Red Globe Wethersfield.

Earlier and more productive than the Southport Red Globe. The onion seed we offer under this name is a special strain of Red Globe which we have produced by years of careful breeding. The perfect Globe type is thoroughly established in this variety, and the onions are always of the most uniform shape. This variety differs from other kinds of Red Globe Onions not only in purity of stock and perfection of type, but also in earliness, productivity, beauty of color and great keeping qualities. The bulbs are of a dark red color, very attractive in appearance. They are thin necked, ripening down to a hard solid ball, insuring the largest percentage of marketable onions. Our seed is strictly Minnesota grown. Packet 10c, oz. 20c, ½ lb. 65c, lb. $2.25, prepaid. Not prepaid, 5 lbs. $10.50, 10 lbs. $20.50.
NOVELTIES AND SPECIALTIES.

CAULIFLOWER—F. S. & N. Co's Danish Perfection.

A new early variety of the Dwarf Erfurt type. While not quite as early as Snowball, the heads are well protected by leaves and are very firm, solid and heavy, snow white and no protruding leaves. The extra protection to the head does away with the necessity of tying up the leaves to a large extent. Comes very true to type and its evenness in maturing makes it possible to take care of the crop at one cutting. This variety produces the most solid, whitest and best heads of cauliflower we have ever seen grow. Practically every plant produces a good head. Danish Perfection is suitable for forcing under glass during winter and early spring, as well as for planting in the open ground later. For the market garden and for the home garden we can highly recommend this valuable cauliflower. Our seed stock comes from the introducer, who is one of the most reliable growers in Denmark. You can therefore rely upon receiving the very best quality seed obtainable. Packet 15c, ½ oz. 75c, ½ oz. $1.25, oz. $2.25, ½ lb. $8.25, prepaid.

CHINESE or CELERY CABBAGE—Pe-Tsai.

This splendid vegetable is gaining in popularity and can now be found on many markets, and where known, the demand is larger than the supply. The full grown plant somewhat resembles a head of Cos Lettuce in appearance. Its flavor is excellent, very mild, and may be eaten raw or as a salad, or cooked. Boiled, mincèd and seasoned with butter, it is especially delicious. Pe-Tsai should be grown like a late cabbage, planting the seed in June or July, in drills 16 inches apart, and the seedlings thinned out two or three times. A delicious vegetable which should have a place in every garden. Packet 10c, oz. 25c, ½ lb. 75c, lb. $2.50, prepaid.

RADISH.

EARLY BEAUTY.

One of the earliest of all radishes. Of beautiful clear white color and oblong shape; the flesh is white, crisp, tender and of delicious, sweet flavor, remaining in edible condition longer than most other early varieties. A splendid sort for the home garden for first early planting as well as for succession, and also suitable for the market on account of its beautiful color, its rapid growth and fine table qualities. Packet 10c, oz. 15c, ¼ lb. 40c, lb. $1.25, prepaid.

LETTUCE.

GOLDEN TENNISBALL.

A new introduction from France where head-lettuce is grown in preference to all other sorts. It forms medium sized heads as solid as the well known black seeded lettuce, grows extremely quick, being the earliest head lettuce in cultivation. In quality it is all that could be desired, crisp, tender and melting, with a real buttery flavor. Color a beautiful light golden yellow. Splendid for forlorn and early planting in the garden. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. $2.00, prepaid.

CUCUMBER.

WHITE WONDER.

The fruits of this new variety are very large, smooth, of even size and beautiful, clear snow-white color, wax-like in appearance. A very prolific and early sort; in quality unexcelled, crisp and tender, splendid for slicing. Fine for exhibition purposes and home use. Pkt. 10c, oz. 20c, ¼ lb. 60c, prepaid.

MUSK MELON—New Bush.

A remarkable melon which grows in true bush form, without any runners or vines. Delicious melons may now be grown in every garden, no matter how small the available space. The plants of the New Bush Musk Melon grow about 13 to 18 inches in length, and 2 or 3 of them in a hill will cover a circular space of 2½ to 3 feet in diameter. The fruits are of medium size, averaging 3 to 6 inches in diameter, they are of somewhat flattened shape, with shallow ribs; the surface is dark green, densely netted. The flesh is very deep, edible almost to the rind and is colored light green flushed with salmon towards the center. The seed cavity is small. The quality is superb, lusciously sweet and juicy with a delightful aroma. Pkt. 10c, 5 for 25c, prepaid.
NOVELTIES AND SPECIALTIES.

THREE SPLENDID NEW PEAS.

EXTRA EARLY SAXONIA—First early round seeded white pea with main crop produktiveness and large sized pods. It is really as early as First and Best, but much larger podded. It furnishes almost as much as the best main crop varieties and the quality is splendid for all purposes. Of great hardiness and vigorous growth, attaining a height of 2 feet. The pods are 3½—4 inches long or nearly twice as large as First and Best, they appear mostly in pairs and in great quantities. The crop is matured practically all at once, a valuable feature for the market gardener. The quality is first class in every respect. Packet 10c, ½ pint 20c, quart 45c, prepaid.—Not prepaid.

PRINCE EDWARD OR PRODIGIOUS—One of the finest main crop varieties in existence. The vine is of strong growth, branching habit and hardy constitution, very prolific, producing big pods which are full of large peas right up to the end. Color dark green and flavor unsurpassed, very rich and sweet. The pods are produced in great profusion, mostly in pairs. Every gardener will be delighted with this new sort. Height 4½ to 5 feet. Packet 10c, ½ pint 20c, quart 45c, prepaid.—Not prepaid. qt. 30c, ½ peck $1.15, peck $1.75.

WATER MELON—Delight.—A very unusual melon of European origin—unusual in quality as well as in size. It being the smallest melon grown, but big in flavor. The ripe melons average about five pounds each in weight, they are nearly round in shape, with very dark green, tough rind. The rich carmine, crystalline flesh is always solid and of exceptionally sweet flavor. The seeds are of gray color, very small, about the size of an apple seed and the fruits contain but few seeds. The strong vines mature their fruits quite early and continue to bear throughout the season. The "Delight" Melon certainly is a great novelty and will become quite popular for the home table as well as for market. The melons may be served in halves, like musk melons. We raised a very fine crop of these melons the past year and the fruits ripened early and perfectly. They are heavy yielers, producing as many as ten to twenty melons to the hill. The long vines are of vigorous growth, with heavy foliage. Packet 10c, 3 for 25c, prepaid.

TOMATO—Faribault Dwarf Champion.

A Dwarf Champion with fruits twice the size of the old variety and of delicious flavor unexcelled in any other kind. The Old Dwarf Champion or Tree Tomato is a great favorite with the private gardener on account of its compact and upright growth enabling close planting, which is usually done in small gardens, but it has two faults, the small size and the poor quality of the fruits. In our new tomato, however, we have these defects remedied, as the fruits of the Faribault Champion are of the largest size, about the same as those of the Ponderosa and are very meaty, almost seedless and of rich sweet flavor, surpassing all others. The plants grow two feet high, are strong, erect and bushy and carry well their heavy burden of very large fruits. The fruits have firm flesh with very few seed cells and are rich purple-crimson in color. Pkt. 10c, ½ oz. 30c, oz. 50c, ½ lb. $1.75, prepaid.

CUCUMBER—Snow’s Famous Pickling.

This strain of pickling cucumbers is considered the acme of perfection. The fruits are short and broad at the stem end, tapering slightly to the tip, very uniform in size, of rich deep-green color. The flesh is crisp and tender. The vines are strong, remarkably hight resistant, and yield abundantly. A sure cropper. Packet 5c, oz. 15c, ½ lb. 40c, lb. $1.25, prepaid.
FARMER SEED & NURSERY CO., FARIBAULT, MINNESOTA

FLower Seed Novelties.

New Early Flowering Giant Pansy

“This wonderful new Giant Pansy produces its grand display of flowers about six weeks earlier than all known varieties. As a matter of fact, the “World Record” Pansy stood in full-bloom in the first days of March the past year, while all other varieties were still little more than dormant, like they had been during the winter months. Moreover, the flowers of the new pansy attained a size and perfection of form, and a brilliancy of coloring, and the plants were of such a massive structure, we rarely meet with even in the foremost productions of Giant Pansies of the day. The delicate pansey-perfume is noticeable in a marked degree.

EARLY-FLOWERING GIANT PANSIES “WORLD RECORD”.
GIANT WINTER-SUN—Splendid bright golden yellow with dark brown center. Flowers of elegant form, and very large.
GIANT ICE-KING—Beautiful silvery white with black-blue center.
GIANT CELESTIAL QUEEN—Lovely sky-blue with center-margined.
GIANT MARCH-BEAUTY—A deep velvety blue, extra large flowering.

Price: Any variety, per packet 20c, 3 for 50c.

The New Red Sunflower.

Quick growing garden annuals, growing from 4 to 6 feet high, and sending out many side branches. Some plants produce flowers of a rich chestnut-red color, other flowers tipped with yellow, other flowers slightly washed with red. The flowers vary from a few inches to nearly a foot in diameter, and are of good form, usually having a small disc, and often two rows of long, slightly curled rays. Some of the seeds will produce plants giving all yellow flowers, although the seed stock was carefully selected. These plants fortunately show no purple in stem or leaves and can be weeded out when seedlings. Packet 15c.

Cosmos—Early Flowering Mammoth.

These showy annuals add so much to the beauty of our gardens during the late Summer and early Fall. Their bright colored, butterfly-like flowers and graceful feathery foliage are greatly admired by everyone. This new strain is fully as early, but the flowers are frequently twice as large as those produced by any early flowering strain of Cosmos. Fine symmetrical flowers of beautiful distinct colors. Mixed varieties, packet 16c.

Campanula.

Canterbury Bells.

Early Blooming.

Imposing, hardy plants, growing about 2½ feet high, profusely covered with large, bell-shaped flowers in shades of rose, blue and white. Canterbury Bells furnish us a most wonderful array of color in the daintiest shades of the most delicate form. The airy bell-shaped blossoms fairly cover the pyramidal bushes. They are biennials and bloom from seed the second year. This early flowering strain blooms three weeks earlier than other sorts which prolongs the season of bloom. Packet 15c.

New Giant Verbena.

A new class of Verbena which is of extraordinary beauty and surpasses all other varieties in size, perfection of form and richness of colors. The individual flowers are of great size, measuring 1½ to 1½ inches in diameter, each one having a large, bright white eye which makes the coloring more vivid. The flowers form magnificent heads of immense size. Packet 15c.

New Colossal Zinnias.

Magnificent giant flowered type with globular flowers of bright and distinct colors, including many new shades. You will be surprised at the immense blooms and their rich velvety appearance. They are so far superior to the old strains planted heretofore. Blooms constantly from early summer until frost. Mixed colors, packet 10c.
FLOWER SEED NOVELTIES.

NEW CARDINAL CLIMBER.

The most beautiful and distinct annual Climber ever introduced. The plant is a wonderfully rapid and rank grower, attaining a height of 30 to 3 feet, branching freely and making a fine screen or dense shade. Petals are remarkably beautiful, magnificently colored, deeply cut leaves. An early and abundant bloomer, being literally covered with clusters of 5 to 7 flowers of intense fiery cardinal-red, producing a veritable blaze of color from July until frost. Does best in a sunny situation and good soil, succeeds splendidly here in the Northwest. For covering porches, verandas, trellises, fences, etc., no better plant exists. Pkt. 15c.

PETUNIA INFLOATA—"Trailing Queen".

A new free flowering Petunia of trailing habit. The plants are of rapid and strong growth, producing numerous branches of 9 to 2 feet in length, thickly set with fragrant flowers, one inch across, of a lovely purplish carmine color with reddish violet throat. In consequence of its vigorous growth and its extraordinary great abundance of bloom this new Petunia may especially be recommended for balconies, porch boxes, window boxes or hanging baskets. Packet 20c.

NEW GIANT SNAPDRAGON.

A splendid and sensational novelty. The flowers are fully four times the size of the common Snapdragon or Antirrhinum. The large flower stalks are thickly studded with immense flowers that last a long time. Of very great decorative value and easiest culture, will grow in almost any kind of soil without care. The plants form large size bushes and produce their gorgeous flowers throughout the summer. For beds and borders they are a constant source of pleasure being in bloom all the time.

"ROSE QUEEN"—Large flower spikes with blossoms of a glorious rosy-pink, and a beautiful silky gloss. Packet 5c.

"PURPLE KING"—Immense flowers of a glowing deep, rich purple color. Packet 15c.

DOUBLE ANNUAL

"FEATHER" POPPY.

Poppies are in great favor with every flower lover and this new "Feather" Poppy is a decided acquisition to the many beautiful double varieties we now have. The flowers are exceedingly large, well shaped, very full and feathery; the color is the most beautiful bright carmine-red, being on white ground. A group or bed of these flowers will make a unique and gorgeous display. This charming and easily cultivated annual will without doubt give the greatest satisfaction to all. Packet 10c.

PANSY—Giant Mastodon.

The new giant flowered American Pansy. Remarkably beautiful, rich colored blossoms of true mammoth size are produced in wonderful profusion on long, stiff stems. The petals are slightly waved, and of good substance. In color the flowers are marvels of beauty, the richest self-colored as well as the darkest shades in combinations, resembling the finest orchids, may be found in this class. Plants are extremely hardy and very free flowering. Everyone will be delighted with these new pansies, the seed of which we obtained direct from grower and introducer. Pkt. 20c.

SELF WATERING FLOWER BOXES AND BASKETS

These boxes fill a long felt want to perfection and are becoming very popular. All boxes and baskets are well painted with specially prepared dark green paint, are so well made that they will outlast several wooden boxes. They require watering only every five or ten days. We have had four window boxes in use for six years and these show practically no wear at all.

WINDOW BOXES—Neat, convenient and practical window box, made entirely of metal and guaranteed not to leak. The box has a reservoir in the bottom, which, when filled with water will supply plants with moisture for ten days, by means of sponges inserted in the false bottom of the box. Water being conveyed direct to roots of plants, leaves the soil in a loose condition, always moist, ideal for plant growth.

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PORCH BOXES—Made on the same principle but they are wider and deeper than window boxes and of heavier material. They insure thirsty growth of flowers and vines during the hottest summer months.

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HANGING BASKETS—Vines and flowers grow luxuriously in these baskets. They require watering only once a week. "Never leak a drop" may be hung on chains or set on small table. Prices do not include chains.

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NEW BUMPER CROP OATS.

A Marvelous Yielder Of Heavy, Plump, White Grain.

Bumper Crop is the New American variety of greatest merits maturing its crop in early season, being about a week earlier than Swedish Select Oats. Early maturity of all grains is quite an advantage, for often a week's time of earlier ripening means a saving of 35 to 40% of the crop, which is lost on account of extreme heat, blight and rust, which are generally prevalent throughout the Northwest during the month of August. During this critical time we are also more or less subject to severe thunder storms which lodge and destroy our grain fields. Even a few days early maturing often saves several hundred dollars on a field of grain.

Bumper Crop Oats produces the largest and best yields on heavier soils, but its remarkable feature is that it also stands up well on rich and well manured ground, on account of its strong and stiff straw, which very seldom crinkles down under the heavy load of grain it carries.

Bumper Crop Oats actually produces bumper crops of nice heavy grain, heavy as lead, generally weighing from 40 to 45 pounds per bushel. These oats have a thick and meaty berry, so mealy that it almost breaks open. You can see the meat thru its thin hull. It is a marvel in productiveness, yielding all such varieties as Bonanza, Lincoln, Twentieth Century, White Swedish, Golden Fleece, etc.

The originator of Bumper Crop Oats has this to say: "These white branching oats took first prize at the New York State Fair, also wherever shown. They were originated from a single plant having remarkably stiff straw and wonderfully well branched yet compact head, loaded with beautiful heavy white grain, with long berries, similar to that of the American Banner, but much larger and heavier."

Bumper Crop is strictly an American product, having been originated in New York state, and thru years of careful breeding here in the Northwest, has become so thoroughly acclimated and hardy that it now takes the lead of all oat varieties. It is so hardy that it is neither affected by blight nor rust, which so often play havoc with the Oats crop. No matter how unfavorable the circumstances are, it always produces a good harvest. The introducer of Bumper Crop Oats reports 752 bushels from an eight acre field, or 94 bushels per acre. One small plot, put in especially for seed stock, produced a yield of 125 bushels per acre. In yielding qualities this variety can not be surpassed.

Bumper Crop Oats yielded 752 bus. from an eight acre field or 94 bus. per acre average yield.

Make your land pay the largest dividends — plant Bumper Crop Oats.

Bumper Crop Oats is a sure money maker. Mr. Walker, one of our growers testifies as follows regarding its marvelous yielding qualities: "My large field of Bumper Crop Oats yielded 94 bushels per acre on an average and the grain was absolutely the best and heaviest ever seen here. While under exactly the same growing conditions the common varieties of oats yielded only 54 bushels per acre. I believe 6 acres of Bumper Crop Oats will yield nearly as much as 10 acres of common oats. I consider the 30 to 40 bushels per acre extra yield clear profit, which would mean $15.00 to $30.00 per acre. Think of a field of 23 acres averaging say 50 bushels extra yield per acre, at an average price of 50c per bushel it would mean a net profit of $250 to you.

Bumper Crop Oats invariably produces the highest yield and withstands unfavorable weather conditions to a marked degree. Mr. Camp, a thresherman of 20 years experience makes this statement: "Bumper Crop Oats yield the heaviest of any oats I have ever threshed. Ordinary varieties in this vicinity yield around 45 bushels per acre. I threshed a large field of Bumper Crop Oats for Mr. Stearns, which yielded nearly 79 bushels per acre, with a large quantity wasted in the field on account of weather conditions."

Bumper Crop Oats will prove as valuable to farmers as they have to the men whose reports we have just given here. Every farmer realizes the need of changing his seed grain every few years, in order to keep up as large a yield as possible, for who can afford to grow only 40 to 45 bushels per acre on high priced land? Choice and pure bred seed oats are without question of the greatest importance, in order to produce the best paying crop. It is evident that with well bred, hardy, blight and rust resisting varieties, you can easily double and treble your yields.

The Up-To-Date Farmer wants the new and improved varieties of oats, as he is interested in securing the highest possible returns on his land as well as for his labor. By sowing Bumper Crop Oats you take a step in the right direction toward obtaining bigger yields and better quality of grain, thereby increasing your profits to a large extent. Every acre sown to Bumper Crop Oats this year will show a handsome profit to you. The grain will command the highest price in the grains market and your neighbors will be only too glad to pay you a good advance over market price for seed.

PRICE OF BUMPER CROP OATS FOR 1916.

Not prepaid: Peck 60c, bushel $1.85, 5 bushels $9.00, 10 bushels $17.50, sacks included. — Postpaid, 3 pounds 60c.

Seeds in Stacks at the Farmer Seed & Nursery Co's Farms, Faribault, Minnesota.
ALFALFA.

THE MOST PRODUCTIVE AND PROFITABLE CROP THE FARMER CAN GROW.

No other plant has created such widespread interest in recent years among the farmers of the Northwest than has Alfalfa. While only a few years ago it was thought Alfalfa could not be grown here in our climate, most farmers now have at least a small acreage of same and it has been demonstrated beyond even a shadow of a doubt, that this plant is adapted to all sections of our great Northwest. It does well in nearly every locality and on all soils excepting low, wet land and underlaid with hard pan. It’s hardiness and longevity, when once established, is unrivaled among forage plants.

We have for many years supplied our customers with the best grades of Alfalfa seed. We were the first seedsmen in the Northwest cultivating Alfalfa successfully and urging our farmer customers to plant Alfalfa more generally as we were convinced that this crop could be grown just as advantageously here in our northern territory, as in Kansas, Nebraska and other western states. However, we wish to call your special attention to the fact that only acclimated Northern Grown Seed should be sown here, to insure the best results.

There are now several different varieties of Alfalfa in general cultivation and it has been proven by extensive tests that only hardy acclimated varieties will thrive in our cold climate. Foremost among these is the

“LISCOMB STRAIN” Northern Alfalfa.

The Liscomb strain of Alfalfa was first sown by Mr. G. W. Liscomb in Eastern Montana about 25 years ago. It has never been surface irrigated and it has always been a heavy yielder in hay. The old field is still in existence and yielded a splendid crop of seed the past year.

Scientific study of the Liscomb Strain of Alfalfa has disclosed that it belongs to the group “Melilotus”. The Grimms, Baltus, and other extremely hardy alfalfas are members of this class. They differ from ordinary alfalfas in that, instead of a long top root, the roots are very branching. The ordinary alfalfa produces a broad crown which is close to the surface of the ground. The “Liscomb” strain has what is known as a reeding crown, that is, the plant draws the crown under the ground. In a four year old plant, it will be three inches beneath the surface. The ordinary alfalfa produces blue flowers, but the flowers of this species are varied and range from greenish white or light blue to deep maroon. — The seed which we offer is best quality Montana grown, with a purity test of 99 per cent, you cannot buy better seed at any price, anywhere.

Price of the Liscomb Strain Hardy Northern Grown Alfalfa, “FARMER BRAND” quality: Pound 45c, postpaid. Not prepaid, 1b. 35c, peck 4.75, 1/2 bushel 9.35, bushel 18.25. 100 pounds $30.00, bags included.

Increase Your Crops With “Mulford Nitro-Germ.”

To Successfully Grow Alfalfa, Clovers, Field and Garden Peas, Beans and all other Legumes.

To Increase the Yield and to Improve the Soil Use The Mulford Nitro-Germ “A Dollar Per Acre”.

The Mulford Nitro-Germ is scientifically prepared and tested—Small Cost—Large Returns—Easy to Use—No Labor Expense.

The Mulford Nitro-Germ will increase the development, yield and food value of Legumes, induce a prompt growth or “Stand.” Improve the Soil, Help Succeeding Crops of Any Kind.

The Mulford Nitro-Germ consists of pure tested cultures of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil. Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. The U.S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt “catch” and increase the yield.

The Mulford Nitro-Germ is prepared and tested by experts, in the biological laboratories of H. K. Mulford Co., with the same degree of care as Mulford Antitoxins, Serums, Vaccines, etc., which are standard all over the world.

Be sure to always specify the particular legume for which The Mulford Nitro-Germ is desired, otherwise we will not know how to fill your order.

We can supply Nitro-Germ for the following crops:


Prices: The Mulford Nitro-Germ is supplied for the varieties of legumes indicated above, at the following prices: (Not returnable)

<table>
<thead>
<tr>
<th>Garden Size (about 1/4 acre)</th>
<th>50c</th>
<th>One Acre $1.50</th>
<th>5 Acres $5.00</th>
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</table>

Why buy expensive commercial nitrates when you can grow legume crops and thus increase the yield and at the same time replace the nitrates, enrich and renovate the soil by Nature’s own method.

Write today for free booklet giving valuable information regarding the nitrogen-fixing bacteria and describing the preparation and use of the MULFORD NITRO-GERM.

WHAT USERS SAY.

The Mulford Nitro-Germ sent me arrived in due time and applied to my Alfalfa seed. Had a splendid stand and cut twice this first year. The Nitro-Germ seems to me all that you claim for it, and I shall gladly recommend same whenever opportunity offers.

G. L. BRAKEMEYER, Antigo, Wis.
GRASS AND CLOVER SEEDS.

**Terms used for different grades of Seeds.**

Clover and Grass Seeds of the highest quality obtainable have always been our most important speciality, and we lead among seed dealers in this respect. Under the "FARMER BRAND" label, which is also our trade-mark, we now offer seeds of best vitality, free from all objectionable foul seeds.

To protect our customers, as well as ourselves, we shall offer our "FARMER Brand" Seeds, the highest quality of seeds obtainable, in sealed sacks only, in quantities of 35 lb., 55 lb., 1 lb., and 100 lb. No broken quantities will be furnished, nor will we guarantee that a good grass seed and clover seed has been broken. With "FARMER Brand" Seeds, sacks will be furnished free of charge.

The other terms and their meanings, used for the different grades or qualities of Clover, Timothy, and other seeds, are as follows:

- **FANCY**—Free from objectionable foul seeds, and of high vitality, but not as good in color, nor as perfect as "FARMER Brand" Seed.
- **FIRST CHOICE**—Healthy and fairly clean seed, of good vitality, but not as plump and perfect as our "Fancy" grade.

**NOTE**—We are well equipped for cleaning and testing seeds. All seeds sent out by us must fully comply with the requirements of the MINNESOTA PURE SEED LAWS. You are fully protected when you buy your seeds from the Farmer Seed & Nursery Company.

Without grass, the earth would be a barren desert, but since it is covered with the greenest of all colors, it feeds live stock of all kinds, one of the biggest assets in agriculture. No matter how large our corn and wheat crops are, grasses and clovers still form the foundation for successful farming. The first herdsman, Adam, then Abel, and sons, early in spring and late fall, grazed their herds on the land, for their herd's of cattle. In this great country, the unlimited rich prairies of the West have trained many of the best breeds of cattle and ranchers. The big ranches of the West were not broken up until more modern methods for taking care of small grains had originated. Our most up-to-date methods of farming would be rather incomplete without pastures and meadows. Considerations for such large variety of the most valuable grasses for pastures and meadows, it is almost impossible that so little attention is paid to such an important matter. It is quite evident that, in order to produce the best results, regardless of soil and weather conditions, it is necessary to experiment with various varieties of grasses. The more and better grasses we grow, the more cows and cattle we can feed, and the larger our profits will be.

In establishing pastures and meadows, an important factor to consider is that nearly every different grass and clover subsists on a different diet, so the soil, color, and grazing style in one pasture may not suit another. To feed cattle on the various pastures and meadows, you must consider the grass which you intend to grow, and the result would be a seekle growth of grass, which would soon be smothered by weeds. If however, a greater variety of grasses are sown, suitable to your soil and to your purpose, you will not only obtain a perfect stand, but you will have a continuous luxuriant pasture or meadow.

For many years, we have devoted a large part of our catalog to various kinds of grasses and clovers, and have carried on extensive experiments on our own farms to ascertain the varieties best adapted to different kinds of soil and for various purposes. Having made grasses and grass seeds on the most pure and hardy varieties, it feeds live stock of all kinds, one of the biggest assets in agriculture. No matter how large our corn and wheat crops are, grasses and clovers still form the foundation for successful farming. The first herdsman, Adam, then Abel, and sons, early in spring and late fall, grazed their herds on the land, for their herd's of cattle. In this great country, the unlimited rich prairies of the West have trained many of the best breeds of cattle and ranchers. The big ranches of the West were not broken up until more modern methods for taking care of small grains had originated. Our most up-to-date methods of farming would be rather incomplete without pastures and meadows. Considerations for such large variety of the most valuable grasses for pastures and meadows, it is almost impossible that so little attention is paid to such an important matter. It is quite evident that, in order to produce the best results, regardless of soil and weather conditions, it is necessary to experiment with various varieties of grasses. The more and better grasses we grow, the more cows and cattle we can feed, and the larger your profits will be.

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1. **BROMUS INERMIS**

Austrian Bronze Grass.

**Hungarian Bronze Grass, Aceless Bronze Grass.**

Of all grasses ever introduced, none have proven as valuable nor as important as Bromus Inermis. The experiment stations of Minnesota, Colorado, North and South Dakota, and Montana, and the grass stations of the Agricultural Department at Washington, have conducted extensive experiments, and all speak of it in the highest terms.

Bromus Inermis is a vigorous, hardy, perennial, with strong creeping root stocks, smooth, upright leafy stems, 1 to 4 feet high, and loose open panicles, or "seed heads," 4 to 8 inches long. It withstands extremes of heat, drought, and cold, better than any other cultivated grasses, and in a ten years forms a very tough sod, crowding out every other growth. Bromus Inermis will not only succeed under conditions fatal to Timothy, Clover, Orchard Grass and Alfalfa, but it will make astonishing yields.

All kinds of soil and climates will yield it with rich and chemical analysis shows that it is rich in flesh-forming ingredients, more so than Timothy. As this grass starts to grow very early in spring, before any of the grasses on the native prairies show any signs of life, and remains green and succulent far into November, it will supply the long-felt want of early spring and late fall pastures. The yield of hay from Bromus Inermis varies from 2 to 4 tons per acre, according to climate conditions, methods of seeding, and care given the pastures. The quality of the hay is excellent, fully equaling that of Timothy in palatability and nutritive qualities. In order to obtain the best hay, the grass should be cut at the time of full bloom. One difference between Bromus Inermis and other grasses is that it contains not only the above-mentioned factors, but it has the ability to store food in the roots, which can be utilized through the winter, thus providing the required nourishment for a particular kind

**Price:** "Farmer Brand" Grade, (free from Quack Grass) 3 lbs. 90c, postpaid. Not prepaid, 3 lbs. 65c, bushel (14 lbs.) $2.00, 100 lbs. $15.20, bags included.

Fancy Northern Grade: 3 lbs. 75c, postpaid.—Not prepaid, 3 lbs. 50c, bu. (14 lbs.) $1.75, 100 lbs. $10.00, bags included.

Bromus Inermis.
2. TIMOTHY.—Phleum Pratense.

Timothy is so well known that it needs hardly any description, for there is scarcely another variety of our natural grasses that is so generally cultivated as this. It is best suited for moist, rich, strong and loamy soils, where it grows to perfection, and yields better crops than any other grass. It is due, in part, to the fact that this grass grows in dense stands and makes a very good and nutritious hay, which is greatly relished by all kinds of stock, especially horses. For pasture it cannot be so well recommended, as most every farmer well knows, for its growth is not as large, and the pasturing is not as important to it. Like all grasses, it is harder for either pasture or meadow if sown with other kinds, and only then will it bring the best returns. For this reason we have added it to most of our Clover Grass Mixtures.

We wish to call the attention of our brother farmers to the difference between our Minnesota Grown Timothy Seed and Timothy Seed handled by dealers and jobbers in the larger cities. While the latter often times has been held for years for speculating purposes, regardless of vitality, and has been grown by everybody and anybody, on neglected farms, mainly for the purpose of reseeding all kinds of foul weeds, our Minnesota Grown Timothy Seed which we offer, is always fresh and of the highest vitality and has been grown right here in the most prosperous farming country of the United States, on good, rich bottom lands, free from all kinds of noxious weeds. Sow 10 to 12 pounds per acre.

The prices of our timberland Timothy Seed posses: New York, Virginia, Maryland, Pennsylvania, and sometimes chang: 4c, 6c, 8c, and 10c per aub, with Pantry and Choice grades of Timothy Seed.

Prices: Owing to the prices of Timothy Seed, and sometimes chang: 4c, 6c, 8c, and 10c per aub, with Pantry and Choice grades of Timothy Seed. We are always fresh and of the highest vitality and has been grown right here in the most prosperous farming country of the United States, on good, rich bottom lands, free from all kinds of noxious weeds. Sow 10 to 12 pounds per acre.

Prices of our Minn. Grown Timothy Seed of the 3 different grades we offer are as follows:

Our “FARMER BRAND” Timothy—the cleanest and highest grade of seed obtainable, 3 lbs. 65c, postpaid. Not prepaid: Peck $1.45, ½ bu. $2.45, bu. $4.50, 100 lbs. $9.25, sacks included. This brand we send out in sealed sacks only.

Timothy Seed, “Fancy”: Peck $1.15, bu. $3.95, 100 lbs. $8.50.

Timothy Seed, “Choice”: Peck $1.00, bu. $2.65, 100 lbs. $7.75.

Grain sacks are 2c each, extra, with Pantry and Choice grade of Timothy Seed.

Prices: Owing to the prices of Timothy Seed, and sometimes chang: 4c, 6c, 8c, and 10c per aub, with Pantry and Choice grades of Timothy Seed. We are always fresh and of the highest vitality and has been grown right here in the most prosperous farming country of the United States, on good, rich bottom lands, free from all kinds of noxious weeds. Sow 10 to 12 pounds per acre.

Buyers of large quantities, before purchasing, should write for samples and for firm and lowest prices, which we will quote by return mail.

3. TIMOTHY AND ALSYKE CLOVER MIXTURE.

A better combination for either pasture or meadow than Medium Red Clover and Timothy, as these blossom and ripen at the same time. Alylike Clover can be sown to good advantage on most soil where Red Clover would soon perish, and will make a much finer hay than this, and being free from fuzz and dust, will not cause horses to cough.

The Timothy and Alylike Clover Seed that we offer, has been raised together, and both being of the same size, they cannot be separated, so that we have to sell it at a reduced price. The mixture contains about one-fourth to one-third of Alylike Clover and the balance Timothy, and is as near that proportion as we can tell, which is just the proportion required of each to produce good results. It should be sown at the rate of 10 pounds per acre.

Price: 1b. 30c. postpaid. Not prepaid, lb. 20c. 10 lbs. $1.50, 25 lbs. $3.25, 100 lbs. $11.50; grain sacks 22c.

The Timothy and Alylike Clover Mixture I bought of you last year succeeded above all my expectations, for the ground was soon covered with a dense green mat. Every kernel of seed must have come up.

G. VAMM, Anandale, Minn.

4. ITALIAN RYE GRASS. Loliium Italicum.

One of the Grasses not so well known, but very valuable, and deserving more attention. It grows on almost any soil but thrives best on rich, moist land. It is ground best adapted for it, and especially if irrigated, dense crops can be produced, as it can be cut 4 or 5 times, and yields as high as 3 or 4 tons of hay per acre. It is well adapted for pastures, on account of its early growth in spring and its quick and successive aftergrowth when closely cropped. For this reason we found it very valuable to sow as a catch-crop in clover fields where the clover had died or winter-killed. When mixed with Crimson Clover and sown on these bare spots in spring, a full crop can be counted on from these fields. It grows 5 to 10 feet high, with an abundance of foliage, and is much liked by cattle and stock generally. Sow about 20 pounds of seed per acre.

Price: Fancy Grade, lb. 20c. bu. (14 lbs.) $1.60, 100 lbs. $9.75, not prepaid.

Pound by mail postpaid, 30c.

Price: Choice Grade, lb. 15c. bu. $1.25, 100 lbs. $8.50.

5. ENGLISH RYE GRASS. Perennial Rye Grass—Lolium Pereneae.

This has become well known in this country, is very largely sown, and has proven itself very valuable. It seems to be especially adapted for pastures, will endure close cropping, and is of strong and quick successive aftergrowth. English Rye Grass produces an abundance of foliage, which remains bright and green throughout the season, and for this reason is also much used for Lawn Grass Mixtures. It is also well adapted for permanent meadows, and yields large quantities of very nutritious hay, which is well liked by all kinds of stock. This grass grows well on almost any kind of soil, well or rich or moist land, such as will produce a good crop of corn, and gives the heaviest yields on rich land. It grows 2 to 3½ feet high. Sow 20 to 25 pounds of seed per acre.

Price: Fancy Grade, lb. 20c. bu. (14 lbs.) $1.45, 100 lbs. $9.25, not prepaid.

Pound by mail postpaid, 30c.

Price: Choice Grade, lb. 15c. bu. $1.15, 100 lbs. $8.00.

6. WESTERN RYE GRASS. Agropyrum Tenerum.

Also known as SLENDER WHEAT GRASS.

The famous bunch grass of Canada and is peculiarly well adapted to the prairie soils of our northwestern states. It affords excellent pasturage and provides large quantities of hay, but if wanted for hay, should be cut early, as it is relished better by stock. It thrives on all soils, but is peculiarly adapted to prairie soils. It gives good returns on land made strongly impregnated with alkali and fits it so that grain may be grown very successfully. resisting drought and cold to a remarkable degree. When sown alone as is the common practice, the seed should be put in from 1 to 3 inches deep according to soil and season. Sow 15 pounds to the acre. If with Bromus inermis, 7½ lbs. to the acre.

Price: Fancy Grade, lb. 20c. bu. (14 lbs.) $2.00, 100 lbs. $13.00, not prepaid.

Pound by mail postpaid, 30c.

The Timothy and Alylike Mixture bought of you last year is now showing the best stand of any of our hay meadows.

J. M. CAMPBELL, Dubuque, Iowa.
RED TOP.  
Agrostis Vulgaris.

This is a very hardy grass natural in most every state and predominates on low and marshy ground, where it produces a very luxuriant growth. Red Top is a very hardy perennial grass, growing from less than a foot to 2 feet in height under varying conditions of soil and climate. In sloughs and moist locations it grows the tallest. The stems are erect, slender and round, while the panicle is oblong and spreading, which, the test seen considered in color, is generally characterized by the purplish which seems to deepen with increasing luxuriance, with grasses. The roots are more or less creeping and rather food near the surface rather than from the subsoil. The habit of growth gives it the power to grow on wet and very moist soil or even on very dry clay, sand or loam where other grasses grow slowly, and it eventually covers such ground with a stiff sod. It is more highly esteemed as a pasture grass than as a lawn plant on account of its hardness and because of the degree of permanence. As a pasture grass it is very nutritious and is fairly well relished by stock. It should, however, not be sown alone for hay, as it is lacking somewhat in palatability, and even for pasture its value is greatly increased if sown in connection with other grasses and clover seeds. For wet ground and sloughs we advise a combination of Red Top, Tall Fescue, Floating Meadow Grass, and Spear Grass and Meadow Foxtail. (See our Clover-Grass Mixtures for low ground and slough pages 14 and 15.)

9. ORCHARD GRASS—Dactylis Glomerata.

A most valuable grass for pasture or meadow, while for permanent pastures it is especially adapted on account of its earthy and great stocking quality, as it possesses the first green bite in the spring and the last in the fall, and is quick to recover from close cropping, thriving even better the more it is cropped. When grown for hay, more than normal crop can be obtained in one season, and where but one crop is taken the following growth, which is very heavy gives splendid and rich pasture until late in the fall. It will also withstand heavy feeding and growing when other grasses are dying, as it is extremely hardy, is of special value for our Northern states, where it does not winter-kill. The nature of this grass is to grow in tufts, and it is therefore not adapted for sowing with such, but can be grown together with other grasses, or with our Clover Grasses, a close and even sod can be obtained. It is well suited to shady places, such as orchards and groves. Although when once established and grown on almost all land, it gives the best results on deep, rich, sandy loam or clay soils.

(9a) "Farmer Brand" Orchard Grass: Lb. 25c, bu. (14 lbs.) $3.00, 100 lbs. $18.50.  
(9b) "Fancy" Orchard Grass: Lb. 20c, bu. $2.65, 100 lbs. $17.00.

10. WOOD MEADOW GRASS—Poa Nemoralis.

This grass is invaluable for wood pastures or shaded ground, and should be included in all mixtures for permanent pastures, especially in shady places. It grows on almost any soil, succeeding best on moist, shaded ground, and is remarkable for its quick, successful and vigorous growth. It is a very hardy perennial, it is by nature well-rooted and produces a very thick and a nice, even sod which remains green a long time. It is a very hardy perennial, it is by nature well-rooted and produces a very thick and a nice, even sod which remains green a long time. It is a very hardy perennial, it is by nature well-rooted and produces a very thick and a nice, even sod which remains green a long time.

Tall Meadow Oat Grass.

12. TALL MEADOW OAT GRASS—Avena Elatior.

For either hay or permanent pasture a most valuable grass, which can be successfully grown in all parts of the country. It will not winter-kill, but will live and endure our cold Northern Minnesota winters, and can also be grown in parts of the country where it is sometimes very hot and dry. This variety starts very early in spring, and is a very valuable pasture grass on this account. It is seldom sown by itself, but mostly with other varieties, as with our Clover-Grass Mixtures, where it gives the best results. It is best suited to sandy soils, and even on clay and heavy dry soil it does well. It is a true perennial, growing 3 to 4 feet high, and flowering in May and June. It is a splendid grass for sandy Acorns and Clay soils. Superior Grade: Lb. 25c, bu. (14 lbs.) $3.00, 100 lbs. $17.50.  
Lb. postpaid 35c.

13. CREEPING BENT GRASS—Agrostis Stolonifera.

This variety is a hardy perennial of dwarf growing habit, and being very deep rooted, of course, has the advantage of being very hardy and is well adapted to clay and soil but is one of the best grasses as it grows in almost any location and makes a fine, velvety and close lawn. Superior Grade: Lb. 45c, bu. (14 lbs.) $5.50, 100 lbs. $35.00.  
Lb. postpaid 50c.

Our Celebrated Clover-Graas Mixtures. See pages 10 to 13.
15. MEADOW FESCUE—Festuca Pratensis.

We regard this as one of the most valuable grasses for it adapts itself to different conditions of soil and climate, thriving luxuriantly in parts of the United States and Canada. It produces a great amount of early and late food of good quality and yields heavily—from 2 to 4 tons of hay per acre, which is of fine quality and very nutritious. As a pasture grass it is a most persistent grower, being one of the earliest in spring and latest in fall, and never freezes out or winter-kills. It grows well on wet or dry bottoms, hillside and tops, gravelly and loamy lands and clays, and having many fibrous roots running down 8 to 15 inches, resists drought wonderfully. It grows about 3 feet high, stands out well, but never grows in tufts or branches. About 18 to 22 lbs. of seed should be sown per acre. 

Fancy Grade: Lb. 20c, bu. (11 lbs.) $2.00, 100 lbs. $12.50. Lb. postpaid 30c.

16. SHEEP’S FESCUE—Festuca Ovina.

This variety prefers to grow on light, sandy soil and dry uplands or hilisides. It is deep rooted, and not affected by extreme drought. Sheep are especially fond of it, and in mixtures for permanent pastures on dry uplands, particularly if used for sheep grazing, it should be included, as it is highly relished by them, being one of the sweetest grasses and very nutritious. On account of its fine foliage and compact growth it is very desirable for lawn purposes, making a splendid close turf. A hardy perennial, 1 to 2 feet high, flowering in June and July. Fancy Grade: Lb. 20c, bu. (14 lbs.) $2.50, 100 lbs. $16.00. Lb. postpaid 30c.

19. CRESTED DOGSTAIL—Cynosorus Cristatus.

For permanent pastures, especially on high land, and dry soils, or hilisides, this grass is invaluable. It produces a good stand of grass, and in mixtures for permanent pastures on dry uplands, particularly if used for sheep grazing, it should be included, as it is highly relished by them, being one of the sweetest grasses and very nutritious. It is a hardy perennial, 1 to 2 feet high, flowering in June. Fancy Grade: Lb. 30c, bu. (14 lbs.) $4.00, 100 lbs. $26.00. Lb. postpaid 40c.

20. BERMAUD GRASS—Cynodon Dactylon.

For the Southern States, particularly, this grass is best adapted, and of great value. It is the chief reliance there for pasture and hay. It affords rich, green pasturage during nine months of the year. On good land it will cut 2 to 4 tons of nice hay per acre. Thrives wherever corn or cotton can be grown. Much planted in the South as a lawn grass, and nothing will stand the sun better. 

22. WILD RICE—Zizania Aquatica.

The only one of our native plants furnishing food for wild fowls, ducks, geese, etc., which has been made an article of commerce. The seed can be grown on the borders of lakes, ponds and small streams to great advantage, attracting all of these wild birds from September on. It purifies the water and affords refuge for the small fry for longer fish. 

18. SUDAN GRASS—Andropogon.

The Greatest Drought-Resisting Grass Known.

This annual grass was first introduced by the U. S. Agricultural Department in a very short time has become one of the most valuable grasses for hay purposes, especially in the midwestern and semi-arid regions. It is a tall annual grass, growing under favorable conditions to a height of 6 to 10 feet, but when broadcasted thickly, it grows only 3 to 5 feet high. The stem is fine, the largest stalks seldom thicker than a lead pencil. Where the plants are scattered, they grow abundantly, as many as 100 stems coming from a single root. The leaf blades are long, erect, and of a light yellow color. 

The grass is easily made, hay of excellent quality, which is readily eaten by all kinds of live stock. It has been grown with much success throughout the semi-arid regions, maturing seed even in South Dakota. It grows equally well throughout the humid regions, and from Maryland, South Carolina, and of Wisconsin. 

The hay should be cut as soon as the grass is fully headed. Two or more cuttings per season can be made, and the yield is from two to four tons per acre. The quality of Sudan Grass hay is superior to Millet hay and is said to be equal to Timothy hay. 

Sudan Grass is admirably suited for growing in mixtures with cowpea, field peas, sand vetches, and other legumes, and also for the support of the vines of the legumes. The seed is ready to be sown by all kinds of live stock. It has been grown with much success throughout the semi-arid regions, and maturing seed even in South Dakota. It grows equally well throughout the humid regions, and from Maryland, South Carolina, and of Wisconsin. 

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Sow seed when the ground has become warm in spring, either in drills or broadcast. Northern Grown Seed, Fancy Grade: Lb. 20c, 25 lbs. $3.50, 100 lbs. $12.00. Lb. postpaid 30c.
25. MEADOW SOFT GRASS—Holcus Lanatus.

This variety is also known as "Velvet Grass" and "Yorkshire Fog Grass." It is most valuable under certain circumstances, this grass is but little known. It prefers a moist and loamy soil, and on account of its deep root formation, it produces a very luxuriant growth and is an excellent hay grass. It is not very easily caught with other grasses. Meadow Soft Grass should therefore be included in all grass mixtures for hay and marshes, in particular for past hog pastures that are to dry out in summer or fall and produce vegetation at all. This grass grows two to three feet high, matures early, tolerates high temperatures, and has a somewhat soft and handsome appearance.

Superior Grade—Lb. 30c, bu. (14 lbs.) $4.00, 100 lbs. $25.00, —Lb. postpaid, 40c.

26. TALL FESCUE GRASS—Festuca Elatior.

This grass is highly valued for permanent meadows. The coarse and robust habit, its very strong root system, and the fact that it is not very easily caught with other grasses, makes Fescue a very valuable addition to all grass mixtures. It is a very good pasture for sheep and horses, and is a valuable forage for the hog. It is quick to establish and produces good yields of hay and grain. It is a good choice for rough or neglected pastures.

Superior Grade—Lb. 30c, bu. (14 lbs.) $4.55, 100 lbs. $35.00. —Lb. postpaid, 50c.

27. WATER MEADOW GRASS—Poa Aquatica.

A variety which prefers low and wet soils, therefore of great value for land which is often overflowed or under water, where other grasses do not succeed, as they drown out, next, the hay, which is produced in large quantities. A very nutritious and well liked by pigs. It is a perennial, four to five feet high.

Superior Grade—Lb. 45c, bu. (14 lbs.) $6.00, 100 lbs. $40.00. —Lb. postpaid, 75c.

28. REED CANARY GRASS—Phalaris Arundinacea.

This is a tall, leafy perennial, 3 to 4 feet high, and is one of the most valuable of grasses. It contains all the necessary bone-building elements in which Corn is almost entirely lacking. Aside from this, Corn alone is too condensed a feed for young pigs and as it interferes with their health. After being well enough developed, they might be finished off on Corn alone, but from a sanitary as well as from an economical standpoint this is not the best method. Any land to which this mixture is applied will grow a good crop of corn and small grain will naturally appear. A fine crop of Grass and Clover, and a good pasture can be provided with considerable less labor and expense than Corn. If a good pasture is not established, the hogs will not keep healthy and strong as quickly. Such a mixture will prove a profitable investment.

Special Clover-Grass Mixtures For Hog Pastures.

It is a well known fact that hogs can be raised more profitably on Grass and Clover than on Corn only, because this mixture contains all the necessary bone-building elements in which Corn is almost entirely lacking. Side from this, Corn alone is too condensed a feed for young pigs and as it interferes with their health. After being well enough developed, they might be finished off on Corn alone, but from a sanitary as well as from an economical standpoint this is not the best method. Any land to which this mixture is applied will grow a good crop of corn and small grain will naturally appear. A fine crop of Grass and Clover, and a good pasture can be provided with considerable less labor and expense than Corn. If a good pasture is not established, the hogs will not keep healthy and strong as quickly. Such a mixture will prove a profitable investment.

Being greatly interested in hog raising ourselves, we have always aimed to provide a luxuriant growth of grass and clover, and to keep the various elements in balance. We have managed to establish Clover Grass Mixtures that will not only provide an abundant pasture for the hogs in about six weeks from the day of sowing the seed, but will also produce permanent hog pasture, such as will last for at least five or six years if not cropped late in the fall.

Our Hog Pasture Mixtures are suited to all parts of the country.

We advocate to sow our Hog Pasture Clover Grass Mixtures, together with Barley or Rye in the spring as soon as the ground is in good condition to be worked. Full plowed land is always preferable, as this holds the moisture well and acts quickly. As soon as the barley is high enough, the young Clover Grass should be let in; and as it is well liked by hogs and they will eat it quite eagerly, thus giving the grass a chance to develop. When the Barley is pastured down there will be a good stand of grass and clover established which will furnish luxuriant pasture through the season.

A. Hog Pasture Clover Grass Mixture—Quick Results and a Full Crop the First Year.

This Clover Grass Mixture is composed mostly of quick growing Grasses and Clovers, and is put up for the purpose to produce a quick and luxuriant growth in the shortest time possible. Will be ready to use the first year and will last for several years, will help to fatten the hogs greatly and keep them in good health. We have tested this mixture on many farms and have always had good results. A young grass and clover mixture has the test for many years and should be sown by every farmer raising hogs.

Grass: Alfalfa, Ladino Clover, Orchard Grass, Tall Meadow Oat Grass, Crimson Clover, Mammoth Clover, Timothy.

Sow at the rate of 20 lbs. per acre, with one bushel of Barley or Spring Rye. Price, 20 lbs. $3.60, 50 lbs. $8.25, 100 lbs. $16.00.

B. Clover-Grass Mixture for a Permanent Hog Pasture.

For an early pasture and for securing a complete stand the first year this Clover-Grass Mixture is as valuable as the former. In order to produce more permanent results however, we found it necessary to use a larger variety of Hardly Grass and Clover Seed, such as will stand close cropping and push forward constantly a new growth. It is natural that it requires Grasses and Clovers with a strong root formation to supply the necessary foodstuff for the hogs. This Clover-Grass Mixture consists largely of the following varieties: Crimson Clover, Mammoth Clover, Aislyke Clover, White Clover, Italian Rye Grass, English Rye Grass, Orchard Grass, Bromus Inermis, Grassing Bitter Grass, and Thai grass. Sow 15 lbs. per acre. Price, 20 lbs. $3.00, 50 lbs. $8.25, 100 lbs. $16.00.

C. Special Alfalfa Hog Pasture Mixture.

It is a proven fact that Alfalfa is of greatest feeding value for hogs, on account of containing the largest percentage of protein, which is the greatest bone and muscle builder. A mixture well liked by hogs and they will eat it quite eagerly, thus giving the grass a chance to develop. When the Barley is pastured down there will be a good stand of grass and clover established which will furnish luxuriant pasture through the season. Sow at the rate of 20 lbs. per acre. Price, 20 lbs. $3.00, 50 lbs. $8.25, 100 lbs. $16.00.
WHY OUR CLOVER-GRASS MIXTURES ARE BEST ADAPTED FOR PERMANENT PASTURES AND MEADOWS AND HOW THESE CAN BE BEST OBTAINED.

It is a well established fact that a judiciously selected mixture of several varieties of Grass and Clover Seeds will produce a much larger yield—generally again as much—per acre than can be obtained with only one or two kinds sown alone. This has again been demonstrated the past season, during severe droughts in many sections. In sowing a large variety you are not running the risk of not securing a stand at all, as you would by sowing only one or two kinds, for in a larger variety there must be at least several kinds of grasses adapted to your soil. While if you sow only one kind this may not be at all suitable and no results will be obtained. A pasture containing a variety of grasses and clover is again as productive and earlier as it but one kind of grass is used, and can also be pastured through-out the season, as most grasses used in our Clover-Grass Mixtures are deep rooted and extremely drought-resisting. Several varieties sown together for a meadow, or for hay, cover the ground very closely and a larger yield of hay of better quality can always be obtained than by sowing only one or two kinds of grass seed. What we have said above in regard to grasses being deep-rooted and drought-resistant, also applies to grasses we use in our special mixtures for permanent meadows. In a great many parts of the country only one or two kinds of grasses are known and mostly sown, and these are Timothy and Clover. While Timothy is a splendid grass, and Clover the foundation of all successful farming, both are not permanent, and not well adapted for pasturing if sown alone, as they are easily affected by drought and frost, thereby making it necessary to resow every year or two,—a rather expensive method. In our carefully selected Clover-Grass Mixtures several varieties of natural grasses are sown together, and these will cover the ground very closely and make three crops of grass grow where formerly but one grew. Besides these Clover-Grass Mixtures will stand various climatic and soil conditions better, will last longer or be permanent, and will yield at least double the quantity of hay that is secured from ordinary fields sown to Timothy and Clover.

HOW TO SOW THE SEED.—For sowing our Clover-Grass Mixtures the ground should be well prepared, the same as for rye. Fall plowed land is always preferable, because this holds the moisture better than ground plowed in spring. After the ground has been well prepared the grass seeds are sown either by hand or with one of our little hand seeders. As grass seed is very fine, it should not be covered too deep, one stroke with the harrow being sufficient to cover the seed. The ground should be mowed down by means of rolling or planking, to bring the seed in direct contact with the soil and to induce immediate sprouting. The surest and best way to obtain a stand is to sow the seed alone, but if preferred, grain can be used for nurse crop, which, however, should not be sown heavier than about one-half of the usual quantity per acre. If sown alone our Clover-Grass Mixtures produce a full crop of hay or a most luxuriant pasture the first year.

<table>
<thead>
<tr>
<th>A.—CLOVER-GRASS MIXTURES FOR PERMANENT MEADOWS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. No. 1.</strong>—For dry and high ground, light medium soils,</td>
</tr>
<tr>
<td>Red Fescue, Crested Dogtail, Hard Fescue, English Rye Grass, Meadow Fescue, Bromus Inermis, Timothy, Red Clover, Alfalfa.</td>
</tr>
<tr>
<td>Sow at:</td>
</tr>
<tr>
<td>100 lbs.</td>
</tr>
<tr>
<td>A. No. 2.—For dry and high ground, heavy or strong soil:</td>
</tr>
<tr>
<td>Tall Meadow Oat, Hard Fescue, English Rye Grass, Meadow Fescue, Bromus Inermis, Red Top Grass, Timothy, Red Clover, Alsyke Clover.</td>
</tr>
<tr>
<td>Sow at:</td>
</tr>
<tr>
<td>100 lbs.</td>
</tr>
<tr>
<td>A. No. 3.—For moist ground and rich soils:</td>
</tr>
<tr>
<td>Meadow FoxTail, Meadow Fescue, Tall Meadow Oat, Italian Rye Grass, Timothy, Red Clover, Alsyke Clover.</td>
</tr>
<tr>
<td>Sow at:</td>
</tr>
<tr>
<td>100 lbs.</td>
</tr>
<tr>
<td>A. No. 4.—For moist ground which is occasionally overflowed:</td>
</tr>
<tr>
<td>Tail Fescue, Meadow Fescue, Red Top Grass, Red Clover.</td>
</tr>
<tr>
<td>Sow at:</td>
</tr>
<tr>
<td>100 lbs.</td>
</tr>
<tr>
<td>A. No. 5.—For top seeding on marshes and swamps occasionally overflowed, the following mixture is especially adapted:</td>
</tr>
<tr>
<td>Water Spearmint, Floating Meadow, English Rye Grass, Tall Fescue Grass, Meadow FoxTail.</td>
</tr>
<tr>
<td>Sow at:</td>
</tr>
<tr>
<td>100 lbs.</td>
</tr>
<tr>
<td>A. No. 6.—For peaty and hollow swamps, which as a general rule are so dry during the summer that no vegetation will grow in them:</td>
</tr>
<tr>
<td>Meadow Soft Grass, Bromus Inermis, Timothy.</td>
</tr>
<tr>
<td>Sow at:</td>
</tr>
<tr>
<td>100 lbs.</td>
</tr>
</tbody>
</table>

Haying Scene on Farmer Seed & Nursery Company’s Farms.
B. — CLOVER-GRASS MIXTURES FOR PERMANENT PASTURES.

For a pasture mixture the chief requisite is that the grasses be early, medium and late, and not mature all at the same time, so as to furnish continuous grazing throughout the entire season. Tafted grasses must be used only in small proportion for pastures and their places must be taken by the turf formers with their interlacing mat of underground runners.

**B. No. 1.**—For high and dry ground, light soils:

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Sow per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Fescue</td>
<td>25 lbs</td>
</tr>
<tr>
<td>Red Fescue</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Bromus Inermis</td>
<td>10 lbs</td>
</tr>
<tr>
<td>English Rye Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Crested Dogstail</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Alfa (Alfalfa)</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Red Clover, White Clover</td>
<td>10 lbs</td>
</tr>
<tr>
<td><strong>For Top Seeding, Sow per acre:</strong></td>
<td>15 to 15 lbs</td>
</tr>
<tr>
<td>Wood Meadow</td>
<td>25 lbs</td>
</tr>
<tr>
<td>Orchard Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Blue Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Tall Meadow Out</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Meadow Poxtail</td>
<td>15 lbs</td>
</tr>
<tr>
<td>White and Alsyke Clover</td>
<td>50 lbs</td>
</tr>
</tbody>
</table>

B. No. 2.—For high and dry ground, heavy or clay soils:

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Sow per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meadow Fescue</td>
<td>25 to 30 lbs</td>
</tr>
<tr>
<td>Orchard Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>English Rye Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Italian Rye Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Timothy</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Alsyke and Red Clover</td>
<td>10 lbs</td>
</tr>
<tr>
<td><strong>For Top Seeding, Sow per acre:</strong></td>
<td>15 to 20 lbs</td>
</tr>
<tr>
<td>Meadow Poxtail</td>
<td>20 lbs</td>
</tr>
<tr>
<td>Water Spear Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Floating Meadow</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Meadow Soft Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Creeping Bent Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Meadow Pescue and Red Top</td>
<td>10 lbs</td>
</tr>
</tbody>
</table>

B. No. 3.—For moist ground and rich soils:

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Sow per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meadow Poxtail</td>
<td>20 lbs</td>
</tr>
<tr>
<td>Blue Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Fowl Meadow</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Meadow Fescue</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Orchard Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>English and Italian Rye Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Timothy</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Red Top</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Alsyke and Red Clover</td>
<td>10 lbs</td>
</tr>
<tr>
<td>White Clover</td>
<td>10 lbs</td>
</tr>
<tr>
<td><strong>For Top Seeding, Sow per acre:</strong></td>
<td>15 to 20 lbs</td>
</tr>
<tr>
<td>Sheep’s Pescue</td>
<td>25 lbs</td>
</tr>
<tr>
<td>English Rye Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Creeping Dogstall</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Timothy</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Orchard Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Meadow Pescue</td>
<td>10 lbs</td>
</tr>
</tbody>
</table>

**B. No. 4.**—Specially adapted for wood pastures; also adapted for orchards and shady places.

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Sow per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood Meadow</td>
<td>25 lbs</td>
</tr>
<tr>
<td>Orchard Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Blue Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Tall Meadow Out</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Meadow Poxtail</td>
<td>15 lbs</td>
</tr>
<tr>
<td>White and Alsyke Clover</td>
<td>50 lbs</td>
</tr>
<tr>
<td><strong>For Top Seeding, Sow per acre:</strong></td>
<td>10 to 15 lbs</td>
</tr>
<tr>
<td><strong>For Top Seeding, Sow per acre:</strong></td>
<td>15 to 20 lbs</td>
</tr>
<tr>
<td><strong>For Top Seeding, Sow per acre:</strong></td>
<td>15 to 20 lbs</td>
</tr>
</tbody>
</table>

**B. No. 5.**—For low bottom lands, sloughs or marshes; also for top-seeding to improve a pasture on low ground. During the summer and early in fall such ground is generally dry enough to allow working it with a team, when it should either be plowed or thoroly disked and then harrowed. After the grass mixture as described below is sown the ground should be harrowed again to cover the seed.

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Sow per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meadow Poxtail</td>
<td>20 lbs</td>
</tr>
<tr>
<td>Water Spear Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Floating Meadow</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Meadow Soft Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Creeping Bent Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Meadow Pescue and Red Top</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Alsyke Clover</td>
<td>10 lbs</td>
</tr>
</tbody>
</table>

**B. No. 6.**—Specially selected for sheep pasture on light, sandy soils or upland pastures:

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Sow per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheep’s Pescue</td>
<td>25 to 30 lbs</td>
</tr>
<tr>
<td>English Rye Grass</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Italian Rye Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Timothy</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Orchard Grass</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Meadow Pescue</td>
<td>10 lbs</td>
</tr>
<tr>
<td>White Clover and Red Top</td>
<td>10 lbs</td>
</tr>
</tbody>
</table>

**B. No. 7.**—SPECIAL RENOVATING CLOVER-GRASS MIXTURE, or QUICK RETURN MIXTURE. We selected and made this up for rapid growth with a view to use for either alternate husbandry or as a catch crop. When sown in early spring, March or April, it will give a fall crop of hay in July, and pasture for the rest of the year. If sown in spring on bare spots in fields where the clover or grass has mostly been winter killed, or otherwise injured, it will be ready to cut with the other grass or clover, and a full crop from such fields can thereby be secured.

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<td>Orchard Grass</td>
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</tr>
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<td>10 lbs</td>
</tr>
<tr>
<td>Tall Meadow Out</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Timothy</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Crimson Clover</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Mammoth Clover</td>
<td>10 lbs</td>
</tr>
</tbody>
</table>

C. — CLOVER-GRASS MIXTURES FOR PARTICULAR PURPOSES.

**C. No. 1.**—We call this our Standard Clover-Grass Mixture. It can be sown anywhere on ground which will produce a crop of corn or small grain. It can be mown early and will produce a good, heavy crop of hay, and the quick and successive aftergrowth will furnish good pasturage until late in the fall.

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<thead>
<tr>
<th>Grass Type</th>
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<tbody>
<tr>
<td>Meadow Fescue</td>
<td>25 lbs</td>
</tr>
<tr>
<td>Tall Meadow Out</td>
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</tr>
<tr>
<td>Meadow Fescue</td>
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<tr>
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<td>10 lbs</td>
</tr>
<tr>
<td>Timothy</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Red Top</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Alsyke and Red Clover</td>
<td>10 lbs</td>
</tr>
<tr>
<td>White Clover</td>
<td>10 lbs</td>
</tr>
</tbody>
</table>

**C. No. 2.**—SPECIAL RENOVATING CLOVER-GRASS MIXTURE, or QUICK RETURN MIXTURE. We selected and made this up for rapid growth with a view to use for either alternate husbandry or as a catch crop. When sown in early spring, March or April, it will give a fall crop of hay in July, and pasture for the rest of the year. If sown in spring on bare spots in fields where the clover or grass has mostly been winter killed, or otherwise injured, it will be ready to cut with the other grass or clover, and a full crop from such fields can thereby be secured.

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<td>English Rye Grass</td>
<td>10 lbs</td>
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<tr>
<td>Tall Meadow Out</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Timothy</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Crimson Clover</td>
<td>10 lbs</td>
</tr>
<tr>
<td>Mammoth Clover</td>
<td>10 lbs</td>
</tr>
</tbody>
</table>

**C. No. 3.**—Special Alfalfa, or Lucerne Clover-Grass Mixture.—Consists mainly of Alfalfa, Bromus Inermis, Orchard Grass, and such varieties of grasses that will not only stand drought, but will also flourish on poor soils and give large yields in the driest summers, after once being established. We sell large quantities of this special mixture to our customers in Kansas, Nebraska and Oklahoma, where it has given the best of satisfaction. Sow 20 pounds per Acre, 20 lbs. $4.50, 50 lbs. $8.75, 100 lbs. $17.00.

**SPECIAL CLOVER-GRASS MIXTURES FOR HOG PASTURES—SEE PAGE 13.**
RELIABLE MINNESOTA GROWN CLOVER SEED.

PLEASE NOTE.—Prices on Clover Seed are subject to fluctuations of the market, and we therefore reserve the right to fill orders at prices quoted only as long as the market permits us to do so. Should the market be higher or lower when we receive your order, then we shall send seed for the full value of the money remitted in advance. We reserve the right to write for samples and for definite and lowest prices before buying, which we will quote by return mail, when there is sure to be no misunderstanding.

32. MINNESOTA GROWN MEDIUM RED OR JUNE CLOVER.

The Medium Red Clover may justly be styled "the corner stone of agriculture" in the Northwestern, the North Central and Southern States. It is a winter, spring, or summer variety, when sown alone or in a mixture with other grasses or hay, and pasture, it generally constitutes from one-eighth to one-third of the total area of cultivated lands on most successful farms throughout the North Central States. It is an important crop far beyond these boundaries. For centuries it has constituted one of the most important factors in maintaining a permanent system of agriculture. It is also the first crop in the Old World. It is believed that the Red Clover plant is of a great and young stock of all kinds make excellent gains on either the pasture or the hay. In addition to its usefulness as a food for animals, it has a most important effect upon the land in maintaining the supply of nitrogen in the soil. By means of the nitrogen-fixing organism on its roots the Red Clover plant is able to gather large quantities of nitrogen from the air and leave it in the soil in a form which can readily be utilized by growing crops. It not infrequently happens that the yield of a succeeding winter crop is far greater than the growth and plowing under of a crop of clover. In order to keep the farm up, Medium Red Clover should be sown with all spring grain, at the rate of 6 to 7 pounds per acre, if for no other purpose than merely as a fertilizer and to keep the weed down. It will surely prove of double benefit, for if pastureage is scarce the cattle may be turned out on it, and if not required for this purpose entirely our land requires fertilizers of some kind which burnyard manure alone cannot supply.

Our Minnesota Grown Clover Seed is the best quality available on the market. It has been sold to customers in every section of the United States for the past eight years and is well known for its hardiness, healthy growth and its wonderful productiveness. In purity and in quality it is unsurpassed, on which account it is always in great demand for export, for which purpose seeds of the highest quality only can be used.

Our Minnesota grown Medium Red and Mammoth Clovers are absolutely free from dodder and plantain because such weeds do not live thru our short Minnesota winters here in Minnesota. You will find this mostly in all imported seed, as well as in clover seed produced further south and also in clover seed from the Pacific Coast States.

PRICES ON MEDIUM RED CLOVER.

(32) "FARMER BRAND." Unexcelled in quality, high in protein content. This Farmer Brand quality, we guarantee to conform in every respect with the description of the new seed laws enacted by the different states, and is therefore the most reliable seed offered by any seed house. Not prepaid, 100 lbs. $15.00, 10 lbs. $1.25, 25c each.

(32a) FANCY. Peck $3.50, bu. $12.50, 10 lbs. $21.00. Grain sacks 22c each, extra.

(32b) CHOICE. Peck $2.85, bu. $10.75, 10 lbs. $17.50. Grain sacks 22c each, as over the seed.

33. MAMMOTH CLOVER—Trifolium Pratense Perenne.

Also known as Perennial Clover or Cow Grass. This is well known for its enormous yield, and for reclaiming exhausted land.

It is extremely hardy and will flourish on soil which is too low and heavy for the Common Red Clover. Where permanent hay pastures are wanted our Minnesota Grown Mammoth Clover will give the best results, because it is a hardy perennial and hardy ever over trees. On account of being so permanent it can be sown to good advantage in fall, even here in the North Central States. It should always be included in Permanent Pasture Mixtures. It produces very large crops of hay, yielding from three to five tons per acre. The hay is of choice quality, and is very easily and rapidly dried into clover hay. As a fertilizer, it is said to be equal to that of the best clover seeds. It has been grown here in this section and our customers can therefore depend on getting the true Mammoth Clover.

(33a) "FARMER BRAND." Unexcelled in purity and quality. Not prepaid, 100 lbs. $23.50, grain sacks included, Pound postpaid 35c.

34. CRIMSON CLOVER—Trifolium incarnatum.

This is also called Giant Incarnate and German Mammoth Clover. Altoh it is only an annual, it answers the same purpose as the considerably higher priced Medium Red Clover in many respects. It has the nature of a winter grain, can, however, also be sown in spring, with great advantage, while in the eastern States, generally sown in fall. For every one, it is remarkable for its rapid growth, and is the only clover that yields a full and heavy crop the first year. One of the most important advantages of it is its great value on the soil in the spring, for the purpose of reclaiming worn-out soil and keeping up improved land to its fertility. It sown in spring with grain, as a fertilizer, it should be turned under in the fall or early spring. Being a poor clover would do but little. It produces a dense and heavy growth. This clover, like other leguminous plants, gathers nitrogen from the air and stores it in the plant and roots; when it becomes available food for succeeding crops, it alone cannot be bought for less than $30.00, being equal to that found in twenty tons of manure, and can be obtained at such a comparatively small cost.

Fancy Grade. Not prepaid, 100 lbs. $25.00, bu. $9.25, pound postpaid 35c.

NOTICE:—To increase the yield and improve the soil use MULFORD NITRO GERM for inoculating your Clover, Alfalfa and all legumes. See page 8.

Crimson Clover. Not prepaid, 100 lbs. $25.00, pound postpaid 35c.

Crimson Clover.
RELIEABLE MINNESOTA GROWN CLOVER SEED.

PRICES ON CLOVER SEED ARE SUBJECT TO THE FLUCTUATIONS OF THE MARKET.

35. WHITE CLOVER—Trifolium Repens.

This is of particular value in mixtures for permanent pastures and lawns, and will grow on almost any kind of soil, even on wet and moist ground, but not on such as over-floows for any length of time. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. The seed is very fine, and if sown by itself, about five pounds are sufficient per acre; it should, however, never be sown alone, unless it be for raising seed. White Clover is used mainly for sowing in mixtures with other annual or perennial seeds, especially with Blue Grass, to obtain a permanent sward.

(35) "Farmer Brand", not prepaid: lb. 65c, peck $9.00, ½ bu. $17.00, bu. $33.50, 100 lbs. $55.00, sacks included.

-Pound 75c, postpaid.

(35 a) Fancy, not prepaid: lb. 55c, peck $8.25, ½ bu. $15.50, bu. $30.80, 100 lbs. $50.00, sacks 22c each extra.

37. ALSYKE OR SWEDISH CLOVER—Trifolium Hybridum.

The advantages which the Alsype Clover has over Red Clover and other varieties are its hardiness and true perennial character. It adapts itself to a great variety of soils, growing on the edge of streams, in swamps, on low land and areas of natural vegetation. It thrives on a rich or poor soil and one that is stony and rocky; its strong roots will penetrate any kind of soil. The value of the Boekhara Clover as a fertilizer was not known at all until recently several experiments were started on it. Within the last few years the demand for this clover has been increasing tremendously. It is planted mainly for fertilization, however in many sections it is being grown for fodder and the growers claim that in feeding value it is equal to Red Clover. It is very promising by many experiments, that Boekhara Clover will furnish the soil with bacteria for the success growth of dairies in the great fertile area and will in a short period make sandy soil fertile. Sow 10 to 12 lbs. per acre. As a fertilizing Sweet Clover ranks the highest of leguminous crops. It has a great ability of gathering nitrogen from the air and enriches the soil with it. All other clovers have slender, fibrous roots which are slow to decay, but Sweet Clover develops clusters of feathery roots which reach many feet into the ground and years old, leaving their nitrogen contents in condition for immediate use, and the soil in the highest state of permability.

(37) "Farmer Brand", not prepaid: lb. 25c, peck $3.05, ½ bu. $6.50, bu. $12.50, 100 lbs. $20.50, sacks included.

-Pound 35c, postpaid.

(37 a) Fancy, not prepaid: lb. 25c, peck $3.25, ½ bu. $11.75, 100 lbs. $19.00, grain sacks 22c each extra.

(37 b) Choice, not prepaid: Peck $2.85, bu. $10.50, 100 lbs. $17.00, grain sacks 22c each extra.

For our Alsype and Timothy Mixture, see page 10.

This is a very low priced mixture, which should be sown where it is too wet for Medium Red Clover.

38. BOKHARA, SWEET OR BEE CLOVER—Melilotus Alba.

The True White Flowering Boekhara Clover.

This clover is especially adapted for bee pastures and wherever not enough clover is desired, but in at least half an acre to an acre, for it is greatly relished by them, and the honey is as nice and clear as any. It grows on poor sandy soil and also on land that is stony and rocky: its strong roots will penetrate any kind of soil. The value of the Boekhara Clover as a fertilizing clover was not known at all until recently several experiments were started on it. Within the last few years the demand for this clover has been increasing tremendously. It is planted mainly for fertilizing, however in many sections it is being grown for fodder and the growers claim that in feeding value it is equal to Red Clover. It is very promising by many experiments, that Boekhara Clover will furnish the soil with bacteria for the success growth of dairies in the great fertile area and will in a short period make sandy soil fertile. Sow 10 to 12 lbs. per acre. As a fertilizing Sweet Clover ranks the highest of leguminous crops. It has a great ability of gathering nitrogen from the air and enriches the soil with it. All other clovers have slender, fibrous roots which are slow to decay, but Sweet Clover develops clusters of feathery roots which reach many feet into the ground and years old, leaving their nitrogen contents in condition for immediate use, and the soil in the highest state of permability.

Price: Lb. 35c, peck $3.75, bu. (60 lbs.) $13.50, 100 lbs. $22.00, not prepaid, bags 22c extra.—Lb. postpaid 40c.

38. BOKHARA, SWEET OR BEE CLOVER—Melilotus Alba.

38 b. YELLOW SWEET CLOVER—Melilotus Officinalis.

It is very similar to the White Flowering sort and is also a biennial, but blooms earlier. For inoculating permanent pasture as well as for fertilizing purposes this Yellow Flowering variety is preferred by many. For bee pasturing it is much used to supplement the White Flowering variety. As it blooms about two weeks earlier than Red Clover it is a prolongation. The plant is of dense growth and when once fairly started, will bloom out all summer.

Price: Lb. 25c, peck $3.00, bu. $11.25, 100 lbs. $18.00, not prepaid, bags 22c each extra.—Pound 35c, postpaid.

39. KIDNEY VETCH CLOVER. Anthyllis Vulneraria.

39. KIDNEY VETCH CLOVER. Anthyllis Vulneraria.

A deep-rooting, drought-resistant clover, suitable for sowing on light, low sandy or lime-stone soils. The seed is about the same shape and size as Red Clover, but the kernels are green on one end. It furnishes good pasturage as well as hay, and is not affected by severe droughts nor extreme cold. Several years ago it was grown at the Experiment Station at Garden City, Kansas, and withstood severe drought exceedingly well. Sown in July or August, like Crimson Clover, it will make a large yield early next spring or can be plowed under green. It is a great fertilizer and will in a short period make up lost productive soils fertile. About 10 to 15 pounds of seed are required for one acre.

Price: Lb. 25c, peck $2.50, bu. $12.50, 100 lbs. $20.50, not prepaid, bags 22c each extra.—Pound postpaid 35c.

40. SAINFOIN OR ESPARCETTE CLOVER. Onobrichis Sowerbyana.

40. SAINFOIN OR ESPARCETTE CLOVER. Onobrichis Sowerbyana.

An excellent, but comparatively little known variety, of special value for growing on light, dry, sandy or limestone soils. It is very deep-rooted, and therefore withstands drought. On account of its high feeding value it is a very good fodder plant. It is a new variety, the name of which is not now generally known. It is very similar to Sainfoin or Espartus, especially in the shape of the pods, and is very productive. It sows in spring, will furnish a full crop the same season. It is a good legume for bees, and a good pasture plant. It is also a valuable variety for fertilizing purposes to plow under green; it will make light, loose soils productive. Sow 10 to 15 pounds per acre.

Price: Lb. 25c, peck $2.00, bu. ($60 lbs.) $6.50, 100 lbs. $12.50, not prepaid.—Pound postpaid 30c.

41. YELLOW TREFLIO Medicago Lupulina.

41. YELLOW TREFLIO Medicago Lupulina.

This variety is valuable for a sheep pasture on very light, dry or poor ground, and can be sown either alone or with other grasses. It is a very long-lived, and is very productive. It sows in spring, will furnish a full crop the same season. It thrives on dry and sandy soils and is resistant to heat and drought. It is a good legume for bees, and makes a good pasture plant. It is also a valuable variety for fertilizing purposes to plow under green; it will make light, loose soils productive. Sow 10 to 15 pounds per acre.

Price: Lb. 25c, peck $2.00, bu. ($60 lbs.) $6.30, 100 lbs. $10.00, not prepaid.—Pound postpaid 30c.

The Clover Seed purchased from you was of the finest quality and made an exceptional good stand. Your Garden Seed gave the best of satisfaction.

JOHN SWOBODA, New Prague, Minn.
Of all the different kinds of Clover, Alfalfa is the hardest and most productive. During long protracted droughts it will flourish and yield abundantly when all other vegetation dies. The taproots descend to great depths wherever the soil is loose and permeable, often averaging 15 to 20 feet. It has been recorded that Alfalfa sends its roots to a depth of 50 to 66 feet, and it is believed that under especially favorable circumstances they may go even deeper. It grows well on most any soil underlaid by a loose and permeable subsoil.

Alfalfa hay, when well cured, is of the greatest feeding value, and is greatly relished by all kinds of stock, it is very rich in protein, that is, in the albumenoids and similar nitrogenous compounds, which, when fed to cattle, are transformed into blood, muscle, tendon and bone. It is, therefore, a substitute for wheat, bran and cotton seed meal, usually purchased by the farmer, to help make a balanced ration with Timothy hay and corn fodder, and since it can be grown on the farm, there is a great saving in the cost of producing beef, pork and mutton. Alfalfa hay can be applied to all kinds of live stock, and is especially valuable for young and growing cattle, horses and sheep. To make the best hay it should be cut when the first flowers commence to appear, for if cut when in full bloom, or even later, the stems become woody and hard. When grown on the most suitable soils, Alfalfa yields with ordinary care and cultivation, from one to two tons of rich, nutritious hay every four to six weeks per acre, and can be cut, according to location and circumstances, from three to eight times a season.

As a stalk Producer, Alfalfa has no equal, and no dairy farmer should be without a field of it; for it can either be pastured or fed green from the field. One acre of Alfalfa will furnish forage for 15 to 25 hogs per season. There is no cheaper and better way of producing pork than to allow growing pigs to run in a field of Alfalfa. It is also the greatest soil renovator.

Alfalfa is easily cultivated and is sown early in the spring on well prepared soil at the rate of 15 to 20 pounds per acre. It can be sown either by itself or with grain as nurse crop. One cannot figure on much of a crop from Alfalfa the first season, although it is nothing unusual to cut it twice the second season, and four times that of the third or fourth. It should not be overlooked that our FARMER BRAND is the highest quality obtainable and that it always has a purity test of at least 98 per cent and oftentimes tests close to 100 per cent. Write us for definite test and samples which we cheerfully send upon request.

Field of Grim Alfaalfa, Showing Our Warehouse in the Background.

42. GRIMM ALFALFA.

This is the hardest of any alfalfa and is a strain of the Medicago Sativa, introduced by Mr. Wendelin Grimm of Carver County, Minnesota, from Germany, over thirty-five years ago. As this strain has been grown here in the Northwestern climate of Minnesota for such a length of time, it is thoroughly acclimated and hardy so that it can be safely grown everywhere. In comparative tests, which the U. S. Department of Agriculture carried on for a great many years, the Grimm Alfalfa withstood the cold and rigorous climate of North Dakota beyond all expectations, for only two plants out of seventy winter killed, while of the other varieties, planted at the same time, only a few of the plants survived.

The U. S. Department of Agriculture describes the Grimm Alfalfa as follows in Bulletin No. 200: "To the casual observer Grimm Alfalfa looks very much like all other Alfalas, but on closer examination, it is found to be considerably more diverse than most kinds, showing individuals of upright and decumbent growth next to one another and showing a greater diversity in flower color than prevails in common Alfalfa. All Alfalfa has a certain range of flower color, but the Grimm has more than most cultivated sorts. The origin and hybridity can probably be traced to crossing in middle Europe between cultivated fields of true alfalfa (Medicago Sativa) and neighboring isolated wild plants of the yellow-flowered sickle lucerne (Medicago Palleta). These two species intercross with considerable freedom. The percentage of crossing that has taken place is necessarily very small because of the scarcity of plants of the wild parent. It is more or less evident in practically all European Alfalas, but especially in that which is imported from Germany, Austria, France and Roumania."

Price for Grimm alfalfa: "Farmer Brand," lb. postpaid, 60c.—Not prepaid, lb. 50c, peck $7.25, $5 bu. $14.00, bu. $27.25. 100 lbs. $45.00, sacks included.

46. MONTANA ALFALFA.

This is especially recommended by our Agricultural Department as being hardy and reliable. Montana grown seed is usually of extra fine quality, large and plump. Our seed is obtained from the best section.

"Farmer Brand" Seed: $4.00 per postpaid, 40c.—Not prepaid, lb. 30c, peck $4.75, 1/2 bu. $8.75, bu. $16.85, 100 lbs. $27.80, sacks included.

46 A. Fancy Grade: Not prepaid, peck $4.25, 1/2 bushel $8.25, bushel $16.00, 100 lbs. $26.00, sacks 22c each extra.

To insure best results inoculate Alfalfa Seed with the Mulford "Nitro Germ," see page 8.

43. ALFALFA—Medicago Sativa.

This is the most acclimated, hardy, northern grown seed, having been grown either here in Minnesota, Wisconsin, or in North and South Dakota. That such Alfalfa must be hardy is self-evident. Furthermore, it must also be free from dodder, plantain, and other noxious foul seeds found in Alfalfa grown in a milder climate. We sell more of this hardy strain than of all the other Alfalas, and recommend it particularly for the Northwest.

"Farmer Brand," lb. postpaid, 40c.—Not prepaid, lb. 30c, pk. $4.25, 1/2 bu. $7.75, bu. $15.25, 100 lbs. $25.00, sacks included.

43 A. Fancy, not prepaid, lb. 30c, peck $3.90, 1/2 bushel $7.50, bu. $14.50, 100 lbs. $25.75, grain sacks 22c each extra.

44. DRY LAND ALFALFA.

This is a strain of the Medicago Sativa that has been mainly grown in the arid and semi-arid sections of Nebraska, Montana, North and South Dakota and having been produced for years in regions with limited rainfall and without irrigation, it is thoroughly naturalized and acclimated and is very productive and thrives well.

"Farmer Brand," lb. 40c. postpaid, Not prepaid, lb. 30c, pk. $4.25, 1/2 bu. $8.00, bu. $15.75, 100 lbs. $26.00, sacks included.

45. TURKESTAN ALFALFA.

This was introduced by our Agricultural Department. It was grown on the high table lands of Asia and is especially adapted to the sudden changes of temperature that prevail there. It grows at midday and very often frost at night, even in midsummer. Its cultivation has been quite successful in the arid regions of the West.

"Farmer Brand" Seed: $4.00 per postpaid, 40c.—Not prepaid, lb. 30c, peck $4.00, 1/2 bushel $7.50, bushel $14.50, 100 lbs. $25.00, sacks included.

See Page 8 for further information on Alfalfa.

47. WESTERN ALFALFA.

We can supply very fine quality western grown Alfalfa seed from the best Alfalfa sections of Nebraska and Kansas. This seed is of very good quality and can be bought at comparatively low prices.

Fancy Grade: lb. 40c. postpaid, Not prepaid, lb. 30c, peck $4.00, 1/2 bushel $7.50, bushel $14.50, 100 lbs. $25.00, sacks included.

To insure best results inoculate Alfalfa Seed with the Mulford "Nitro Germ," see page 8.
LAWN GRASS MIXTURES FOR ALL PURPOSES.

There is nothing that adds more to the appearance and attractiveness and also to the value of a home than a nice, well kept lawn, which can be easily established at a very small expense. A few suggestions in regard to lawn making may be appreciated by the amateur.

Lawn Grass Seed can be sown at any time, from early in the spring until fall as the seeds are very hardy, but the best time is early in the spring, on well prepared soil. If the ground intended for a lawn has to be graded, the best ground should be procured, and soil that contains obnoxious weeds should be avoided. It is poor policy to sow grass seed on ground that is as solid as a road, for the roots of the young grass cannot penetrate such soil. It should be spaded up first or it should be plowed and well pulverized by means of a harrow or rake. After it is well smoothed and leveled down, the seed can be sown. To obtain an even stand as possible, we advocate sowing one-half of the seed one way and the other half the other way. By following this method, you will be sure that your grass seed will come up in spots. It is well to select a quiet day for sowing seed, as some of the lighter seeds would be carried off in case it should be windy. Two and one-third to three bushels of lawn grass seed is required per acre on the soil. It is necessary to sow grass seed very thick so as to obtain a close stand. This will also prevent weeds from coming up. After sowing the seed it should be raked in or, if the area is large, it should be harrowed to cover the seed. To bring the seed into direct contact with the soil and to cause immediate sprouting, the ground should be firm'd down by rolling or planking. During a wet spell, however, this would not only be unnecessary but, on the contrary, might prove detrimental as it would pack the soil too much and form a crust through which the young sprouts could not penetrate.

Nothing is more important than a carefully selected lawn grass mixture, composed of fine leaved and deep rooted grasses, such as will start early in the spring and remain nice and green until late in the fall. Under favorable circumstances, the common grasses may answer the purpose but they will last for one or two seasons only for which reason it is always advisable to sow carefully selected lawn grass mixtures.

On account of making grass growing a specialty and handling such large quantities of fancy grasses, we are in a position to prepare the finest lawn grass mixtures which insure the best results. Write us for special mixtures intended for special purposes.

PARK LAWN GRASS MIXTURE—For lawns of greater dimensions we recommend this as our standard lawn grass mixture. This has been sold by us for years, and has always given the best satisfaction. It has been sown on almost every kind of soil and under most every condition, and we have learned of the first unsatisfactory result yet from sowing our Park Lawn Grass mixture. The seed is free from weeds, and of the best vitality. It will start at once before the weeds. It roots quickly, withstanding severe droughts without turning yellow or brown, and will not grow in tufts or clumps. This mixture is unequalled for lawn, parks, tennis and croquet grounds. Two and one-half bushels should be sown per acre. Qt. 35c, 4 qts. $1.25, postpaid—Not prepaid, lb. 30c, pk. (5 lbs) $1.25, bu. (20 lbs) $4.00, 5 bu. (100 lbs) $16.50.

GARDEN CITY LAWN GRASS—Where a fine lawn around a private house is wanted, this Lawn Grass mixture will be found best adapted. The grasses used in its combination will make a luxuriant growth in spring, summer and autumn not being affected by droughts very easily, and are always presenting the same green, very even appearance. One quart will cover about 200 square feet. Qt. 40c, 4 qts. $1.50, postpaid—Not prepaid, lb. 35c, pk. $1.50, bu. (20 lbs) $8.00.

SHADY NOOK MIXTURE—In many lawns where there are large shady 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. 45c, 4 qts. $1.75, postpaid—Not prepaid, lb. 40c, pk. $1.60, bu. (20 lbs) $5.50.

SPECIAL GOLF LINK AND TENNIS COURT MIXTURE—Our special mixture for this purpose is composed of fine hardy Grasses of low and creeping habit that will form a firm and close sod in a very short time, which will withstand any amount of wear upon it without suffering. Nearly all of the selected Grasses being deeply rooted the golf and tennis grounds established can withstand drought and heat without suffering. Qt. 40c, 4 qts. $1.50, postpaid—Not prepaid, lb. 35c, pk. $1.50, bu. (20 lbs) $6.00, 5 bu. $21.00.

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. 45c, 4 qts. $1.75, postpaid—Not prepaid, lb. 40c, pk. $1.60, bu. (20 lbs) $5.00.
MILLET.

PRICES ON MILLET ARE SUBJECT TO MARKET CHANGES. ON LARGE QUANTITIES PLEASE WRITE US FOR LOWEST QUOTATIONS.

Millet Seed should be shipped in good strong grain bags to insure arrival at destination. Please add 25c extra for each bag. Nothing pays better for a stock raiser or dairy farmer than a few acres of Millet of some kind. It not only yields at least again as much hay per acre as Timothy or Clover, but also is of the greatest feeding value and milk-producing quality. The hay has a fine texture and is greatly relished by all kinds of stock. When spring is so unfavorable that other crops fail to grow, or when the season is so late and wet that corn will not mature any more, then there is always the greatest demand for Millet. It should, however, be sown regularly every year, and not merely as a catch crop.

GERMAN OR GOLDEN MILLET.

This grows very rank and is one of the best varieties for hay on account of being so sweet, palatable and milk-producing. On good, rich soil it will make a growth of 4 to 5 feet in a month, though the hay may seem coarse at first. It is so tender that if cut at the right stage, which is when in full bloom, even the hogs will eat the cured hay quite greedily. A yield of five tons of hay per acre is nothing unusual. Sow 3 pecks per acre.

Price: 3 lbs. 50c, postpaid.—Not prepaid, pk. 50c, bu. $1.60, 5½ bu. $8.30. Sacks 25c extra.

COMMON MILLET.

No Millet does better on dry and light soil than this; it grows 2½ to 4 feet high with a bulk of fine stalks and leaves, and is excellent for hay. Of this seed about 3 pecks should be sown per acre.

Price: 3 lbs. 50c, postpaid.—Not prepaid, pk. 50c, bu. $1.60, 5½ bu. $8.30. Sacks 25c extra.

NEW SIBERIAN MILLET.

A good Millet, introduced several years ago from Russia, being an entirely distinct variety, as the seed is an almost orange color; the heads are, however, of about the same form as the Common Millet. It stands quite heavily and the joints being so closely together the plants are just covered with blades. This Millet is a heavy yielder, and the hay is of very fine quality. It yields from 50 to 70 bushels of seed per acre. Being an introduction from the extreme north, it is very hardy and will prosper under conditions where other varieties fail.

Price: 3 lbs. 50c, postpaid.—Not prepaid, pk. 50c, bu. $1.50, 5½ bu. $8.30. Sacks 25c extra.

HUNGARIAN MILLET.

In the north-west no other variety is so well known and so much grown for hay as the Hungarian Millet. It is so valuable because it requires such a short season to make a fine crop of the most nourishing and milk-producing hay. On this account it is the best catch crop when other crops, already put in, for some reason fail to grow. In many localities where early potatoes are grown for the market Hungarian is sown for a second crop as soon as the potatoes have been harvested, and thus a crop of potatoes and a crop of hay are harvested in one year on the same piece of ground. Hungarian does not grow as coarse as many other Millet varieties, but still yields quite heavily. For hay sow 3 pecks per acre.

Price: 3 lbs. 50c, postpaid.—Not prepaid, pk. 50c, bu. $1.50, 5½ bu. $8.30. Sacks 25c extra.

HOG MILLET.

Also called "Russian Millet," "Broom Corn Millet," etc. The name HOG MILLET has been selected on account of its great value for feeding hogs. It is invaluable for sections where corn cannot be safely grown, and in such localities solves the problem as to the profitable raising of swards in 30 to 60 days from the time of sowing it is ready to harvest. The seed ripens while the fodder is yet green, hence it can be cut and used both for hay and seed with the best success. It will produce from 30 to 60 bushels of seed per acre, besides the fodder hay. It is unlike the German, Common and Hungarian Millet in the habit of growing, having a branching head, and the seed is glossy and much larger.

Price: 3 lbs. 50c, postpaid.—Not prepaid, pk. 50c, bu. $1.60, 5½ bu. $8.30. Sacks 25c extra.

EARLY FORTUNE MILLET.

A new and entirely distinct variety of Millet. The seed is 2 or 3 times the size of German Mill and is of a beautiful mahogany color. The great advantage this Early Fortune Millet has over other varieties is its extreme earliness, as its heads in 25 to 30 days. It yields very heavy, both seed and fodder. One most valuable feature of this Millet is that the hay can be fed to horses and other stock without any danger of bad results even when cut too late so that the seed has formed.

Price: 3 lbs. 50c, postpaid.—Not prepaid, pk. 50c, bu. $1.50, 5½ bu. $8.30. Sacks 25c extra.

JAPANESE BARNYARD MILLET. (Billion Dollar Grass.)

Japanese Barnyard Millet is offered also by some seed dealers as the "Billion Dollar Grass" under somewhat exaggerated descriptions. This variety of Millet was first grown in this country by Prof. Brooks, of the Massachusetts Agricultural College, who brought it from Japan. It is not only very valuable and is highly recommended for the following reasons: It will grow 6 to 8 feet in height and will yield 15 to 20 tons per acre. This Millet may also be sown as green or cured into hay, and its fodder is always superior to fodder corn. It can be sown at any time from the middle of May to the end of July, either broadcast at the rate of 25 pounds per acre, or in drills using 16 pounds of seed per acre. Price: 3 lbs. 60c, postpaid.—Not prepaid, 15 lbs. $1.35, 50 lbs. $3.33, 100 lbs. $6.00.

KURSK MILLET.

Like so many of our hardiest and best varieties of cereals, so has also the Kursk Millet been introduced from Russia. Extensive experimental trials have been conducted at both the South Dakota trial stations which proved the great merits of this millet. It ranks very high in producing hay as well as seed. During extremely dry seasons it produces considerable more seed as well as hay than either Hungarian or German Millet, for which reason we recommend it in particular for dry and arid regions.

Price: 3 lbs. 50c, postpaid.—Not prepaid, pk. 50c, bu. $1.50, 5½ bu. $8.30, sacks 25c each extra.
FORAGE AND FODDER PLANTS.

DWARF ESSEX RAPE.

This is, beyond all question, the most popular and the most profitable of all forage plants, giving the best satisfaction everywhere.

Dwarf Essex Rape can be grown to good advantage on land that has already produced an early maturing crop of some sort such as oats, rye, or winter wheat. Of how great value rape as a pasture or fodder plant has been fully realized by a great many farmers in all sections of the country during recent years were derived from everybody who is acquainted with its high feeding value would not be without it for another year.

Dwarf Essex Rape is a pasture plant for all kinds of live stock—sheep, cows and swine; for fattening sheep it is most valuable. To provide for an early pasture for sheep and swine it should be sown early in spring, and as it is a remarkably fast grower, it will be ready to be pastured in five weeks from the time of sowing. Unlike other plants it can be sown at any time during spring and summer; then, if you can have a good pasture whenever you need it. Nothing will get sheep and hogs sooner and better ready for market than Dwarf Essex Rape as it is so very nourishing. It is an easy matter to bring spring pigs up to 200 pounds in weight in seven months old if fed on Rape.

Late in the fall when most pastures are barren Dwarf Essex Rape yields a splendid feed, as from the same area of land a yield of 100 bushels or more can be obtained. It also produces a splendid seed for sowing the next season.

The price of the seed is 50c, postpaid, or $1.00, prepaid.

THOUSAND HEADED KALE.

Will yield a much heavier crop than Dwarf Essex Rape and is now considered much superior to the Rape in some sections. It is sown in the same manner as the Rape. Sweet Kale is increasing about ten-fold every year. It is probably grown on every farm from Manitoba to Mexico, on any good corn ground, and does not appear to be affected by drought. As a fodder and produce heavy on the most any land and the plant being hardy it will do well as the seed can be sown early in April or any time thereafter till midsomer. Sow broadcast 2 to 3 lbs. per acre, or in drills, using 1 lb. per acre. Drilling is preferable, for if drilled in rows 18 inches apart, the Kale will be more uniform. The Kale can be cultivated, thus producing a much quicker growth. Lb. 50c, postpaid.—Not prepaid: Lb. 10c; 5 lbs. $1.75; 10 lbs. $3.25.

KENNEY'S EARLY AMBER SUGAR CANE.

This is the only variety of Cane that makes a fine syrup, as clear as crystal. Cane Syrup made from our Early Amber Cane grown right here in Rice County has become famous, as it turns in favor at the State Fairs in four different states. The syrup has a very delicious flavor, and all that have used it prefer it to the New Orleans Molasses. There is nothing like a home product on your table, for you know it is a pure article. Write for prices.

SUGAR CANE OR SORGHUM FOR FODDER.

Notwithstanding its great adaptability as a feed for live stock, the real value of sorghum (or sugar cane) has only recently attracted general attention. Its great merit is now beginning to be appreciated. Sorghum is increasing about ten-fold every year. It is probably grown everywhere from Manitoba to Mexico, on any good corn ground, and does not appear to be affected by drought. As a fodder plant it is the most economical plant in existence, and of the very best quality. Being sweet, tender, nutritious, and greedily eaten by cattle, horses and hogs. As much as 30 tons of green fodder have been grown per acre, which is the highest figure of which we have any knowledge. It can be cut several times during the season if it is not allowed to get too high and makes a good sweet hay. Sow 50 to 75 lbs. per acre for best results. 25 lbs. $1.15; 50 lbs. $1.35; 100 lbs. $3.00, not prepaid.

KAFFIR CORN.

An excellent fodder plant, yielding two crops of fodder during a season. It grows from four to five feet high, making a straight, upright growth. The stem or stalk bears numerous white leaves. The stalks are green and very brittle and juicy, not hardening like other varieties of sorghum, and making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. The second crop is also heavy, sometimes yielding sixty bushels to the acre. For the grain, sow in rows three feet apart, three to five seeds in each, and the same amount in drills. The yield is six to seven bushels per acre, or $2.50 to $3.00 to the bushel. Sow 3 lbs. 50c, postpaid.—Not prepaid: 1 lb. 50c, bu. (50 lbs.) $1.60, 2 bu. or more at $1.45 per bu.

This new grain and fodder plant belongs to the class of Non-Saccharine Sorghums and is similar to Kaffir Corn, requiring the same culture. The great advantage Feterita has over Kaffir and all other plants of that class is its extreme earliness and great drought resisting qualities. Feterita is ready to 30 of earlier than Kaffir Corn, makes excellent fodder and produces a large grain crop; in some instances it has made an excellent yield of grain in the southeastern regions without having received any rain from the time it was planted until it was harvested. Plant in rows, like Kale, 18 inches apart, and thinned to 15 to 18 inches. The crop is ready to be taken when ears are 5 to 4 feet, and is so covered with small whorls of leaves that the name of Thousand Headed Kale was given to it. Hogs and sheep eat the green tops with relish. Will grow well on the most barren land, and the plant is quite hardy. The seed can be sown early in April or any time thereafter till midsomer. Sow broadcast 2 to 3 lbs. per acre, or in drills, using 1 lb. per acre. Drilling is preferable, for if drilled in rows 18 inches apart, the Kale will be more uniform. The Kale can be cultivated, thus producing a much quicker growth. Lb. 50c, postpaid.—Not prepaid: Lb. 10c; 5 lbs. $1.75; 10 lbs. $3.25.

FETERITA.

Claimed by many to be better than Kaffir Corn, as it is a surer crop in unfavorable seasons. It produces a large crop of fodder which is of very good quality, and a good grain crop at the same time. Sow white and nearly flat. Five to six pounds will plant an acre in drills 30 to 50 lbs. broadcast. 3 lbs. 60c, postpaid.—Not prepaid: 10 lbs. 60c; bu. (50 lbs.) $2.25; 100 lbs. $4.00.

YELLOW LUPINS.

Best Fodder Plant for poor soils. One of the best plants known for retaining poor soil, particularly sandy and old, worn-out land; by plowing under a crop of Lupins such land can be made very valuable. It is so highly valued in Germany that it is called the "Gold of the Desert," and is widely planted there for hay and grain. Lupins are very good for sheep. Now in spring, 75 lbs. per acre. 3 lbs. 65c, postpaid.—Not prepaid, 10 lbs. $1.75, 100 lbs. $10.00.
CANADA FIELD PEAS, Yellow.

These are very valuable for fattening stock, but they can also be grown to the best advantage for sowing purposes. They are of the greatest value for fodder, either when the matured peas are fed as ground feed or when the vines are cured for hay. Fed in either way they are of the greatest nutritive value, and stock or dairy farmers should be without them. They can be sown alone or mixed with oats; if sown alone it takes about 2 bushels per acre, and if sown with oats 1 bushel of peas and 1½ bushels of oats are required. This latter method is the most profitable, as a double crop can be secured at the same time. Threshed together they can be easily separated, but make the best and most nutritious forage food if ground together for fattening stock. Price: $3.60 per 50 lb., postpaid.—Not prepaid, peck 90c, bu. $3.35, sacks 25c each, extra.

COW PEAS, Michigan Favorite.

The earliest variety of Cow Peas, and therefore the best for the northern states. Cow Peas are considered one of the most profitable crops, as they yield immensely and are largely used as green summer feed and also for planting in corn and other crops and plowing under as a fertilizer. Particularly recommended for planting after grain harvest and plowing under in fall. If you will get the grain off the ground early and plow, plant to “Favorite” Cow Peas you can put the ground in the shape for next year’s crop. See in orchards and either use for feeding or plowing. Every farmer can use them profitably as the “Favorite” mature in 60 days and have well done as far north as Minnesota. They can be sown separately or mixed in the proportion of nine to one apart using 60 to 90 pounds to the acre; the thicker they are sown, the finer the hay will be. They should be sown thickly on rich land, and not so thickly on poor land. 3 lbs. 60c, postpaid.—Not prepaid, pk. $1.00, bu. $3.35.

FIELD BEANS.

IMPROVED NAVAJO or BOSTON PEAN BEAN.—This is the small white bean that is used in the dooryard for some of the best results we have obtained from the variety. We consider the Navajo the best general-purpose plant, hand-plucked seed. Quart 20c, peck $1.35, bu. $3.00 not prepaid.—Qt. 50c, prepaid.

SNOWFLAKE BEAN.—Similar in size to above variety. It is claimed this is the finest bean for baking. Qt. 50c, peck $1.35, bu. $3.50 not prepaid.—Qt. 50c, prepaid.

CALIFORNIA FRENCH BEAN.—This is the largest yielding bean known and an account of its whiteness and small size commands the highest price in all markets. Quart 25c, peck $1.15, bu. $3.25, not prepaid.—Qt. 50c, prepaid

TEOSINTE.

A forage plant that originated in Egypt, and for which a number of years already has been known successfully in the Southern States. It resembles corn somewhat in appearance. The leaves are longer and broader and contain sweeter sap. The yield is so abundant that one plant is considered sufficient to feed a pen of 24 head. It suckers more than any other forage plant, generally producing 20 to 30 stalks—often as many as 70 to 80 stalks from one kernel of seed, and growing to a height of 11 feet. It can be cut when 2 to 3 feet high and used as a hay or after which it will quickly grow up again. It can be cut as hay in the fall as well as the season. It is one of the best forages to be had in this way; immense; some estimate it 300 tons per acre. It can be cut with a reaper and fed in the green state, or it can be dried and make a magnificent fodder for cattle during the winter months. Excellent results with this plant have been noted at earth-nut farms and southern Minn. and Wisconsin. 1½ lb. 25c, lb. 25c, 3 lbs. (sufficient for one acre) $1.00, by mail postpaid.

TEOSINTE can be grown successfully for both pleasing and nutritious purposes. It is a very fast grower and I cut it three times. I feed it green and also cut some for hay, which is very fine feed for cattle and horses; they like it better than clover hay. Teosinte will make feed per acre as well as anything else. Every farmer should plant Teosinte. Edward C. Reeds, South Haven, Minn.

SAND VETCH.

WINTER VETCH OR HAIRY VETCH.

Among the various leguminous plants introduced during recent years with such manifest advantage to farmers there is not one of greater value than the Hairy Vetch. As a soil reclaimer and forage crop it has no equal, and it is only to be regretted that this Vetch is not more universally sown. It is an annual plant, shallower in growth to the very slender and straggling pea vines, the vines often reaching 10 to 12 feet in length, and covering the ground with a dense mat of forage 2 feet in depth. Stock of all kinds eat greedily, both in pasture and when kept for hay. When once this growth starts, it continues through wet and drought, and the quantity of live stock that can be kept is as good as 50,000 pounds of green feed to the acre, and this feed is one of the most nutritious and productive. It is richer in protein (the muscle and growth producing element) than Red Clover, or any Cow Pea, whilst in fat-producing matter it is equal to the equal of those plants. As a soil improver it is richer in nitrogen, phosphoric acid and potash than any of the Clovers or the Cow Pea. It is intended for forage or hay. It should be sown at the rate of 40 pounds to the acre, with a light seeding of winter oats, wheat or rye. This will hold up the vines, and make it easier to cut and harvest the crop. If intended for pastures or a soil improver, sow alone at the rate of 50 to 60 pounds to the acre. sow in May in spring or in August or September, on well prepared land. Sand Vetch is very hardy. 3 lbs. 50c, prepaid.—Not prepaid, 25 lbs. $5.00, 100 lbs. $18.00.

SPRING VETCHES or TARES. (Vicia Sativa).

A very productive and highly nutritious fodder plant; is grown very extensively in England, also. It is either cut green for soilning or made into hay; is well liked and greatly relished by cattle. Corn and Other uses are sown at the rate of 12 to 15 lbs. per acre. The Vetches are used for the same purpose as the Sand Vetch but will not thrive on poor soil or withstand extremes of weather so successfully. Sow with oats, using a bushel of each per acre. Price: 3 lbs. 50c, prepaid.—Not prepaid, 25 lbs. $5.50, 100 lbs. $14.50.

SERADELLA or CULTIVATED BIRDSFOOT.

For light, poor or sandy soils Seradella is one of the best fodder plants. We know its great value and have urged our brother farmers for several years to give this valuable forage plant more attention. It is sown at the rate of 12 to 15 lbs. per acre, and can be sown either by itself, or in Winter Wheat or Rye in early spring, growing rapidly after the grain has been cut. It is very valuable for its drought-resisting qualities and its close and thick growth, covering the ground completely and choking out all weeds; also very desirable as a catch crop. It is not a perennial, but can be cut twice and give good pasture in one year. 3 lbs. 50c, prepaid.—Not prepaid: 15 lbs. (for one acre) $7.50. 30 lbs. $1.00. 100 lbs. $3.50.
BUCKWHEAT.

NEW SILVER HULL BUCKWHEAT—This is a very thin-shelled Buckwheat of silvery gray color; the very sure, are of medium size and very sound. It is a prolific grower and the heaviest yielder yet introduced, and will make first-class Buckwheat flour. Remaining longer in bloom than common Buckwheat this variety is most excellent for bees. 3 lbs. 50c, postpaid.—Not prepaid: Peck, 50c, bu. $1.00, 2 bu. or more at 85c per bu.

JAPANESE BUCKWHEAT—A brown or dark variety, which is about a week earlier than the Silver Hull, and yields quite heavily. 3 lbs. 50c, postpaid.—Not prepaid: Peck, 50c, bu. $1.00, 2 bu. or more at 85c per bu., sacks included.

FLAX.

Prices of Flax Seed subject to the market. Write us for definite prices on larger quantities.

PRIMROSE OR MINNESOTA NO. 23 FLAX—Our Minnesota Experiment station derives credit for producing such a healthy and vigorous growing strain, for this variety yields at least one-third more per acre than common Flax. Many of our patrons wrote us that they ‘were most’ produced 27-28 lbs. per acre, while common Flax yielded only 15-16 lbs. on the same field alongside. 

Write for prices.

RUSSIAN FLAX—in procure Flax seed attention should be paid that it be healthy and perfectly clean, as this is such an important factor. We offer good, clean and healthy seed of this variety at a very reasonable price. Write for prices.

WILT-RESISTANT FLAX—A new variety recently developed at the No. Dakota Experiment Station. It was successfully endured most unfavorable seasons in No. Dakota and is a great yielder. This wilt-resistant flax is capable of growing a normal crop of flax on poor wiltland, previously long cropped to flax. Such a variety lends this resistance against wilt as long as the seed is properly handled. 

Write for prices.

RYE.

SPRING RYE—This is mostly sown with Vetches and Oats for a forage crop, but it can well be sown by itself, and is especially valuable as a catch crop when winter grain has been killed out. For turning under it is considered a great soil fertilizer. As a grain crop it is profitable to grow. It yielding well and the grain is of fine quality. We offer the genuine Minnesota Spring Rye, grown here in Minnesota. Price: 3 lbs. 50c, postpaid.—Not prepaid: peck, 50c, bu. $1.00, 5 bu. $4.50, 10 bu. $9.00, 25 bu. $15.00, 50 bushels included.

MINN. NO. 2 WINTER RYE—For nearly all sections Winter Rye is one of the most important crops, and owing to its extreme hardiness, freedom from blight and rust, and never being injured by the Hessian Fly, good paying crops can always be depended on. Rye can be grown on a greater variety of soil than wheat and good crops can be raised even on thin and poor soils without nourishing. For dairy farmers it is of special value, as it will furnish a splendid crop of green fodder early in the spring or a good pasture long before the cows can be turned on the grass or pasture. That this is a great advantage every dairyman knows, for it will increase the flow of milk and improve the quality of his buttermost wonderfully. Price: bu. $1.50, 10 bu. and more at $1.45 per bu.

PUMPKINS.

We place these among our field seeds as they are excellent for filling stock, and should be grown in every corn field. Hundreds of loads of pumpkins can be grown without any extra expense, as they need no further attention than is required for

CONNECTICUT FIELD—This is widely known as the Yankee Cow Pumpkin, and there is no variety that will do as well among the corn. Plant them on your richest land; you will be amply repaid. 1 lb. 40c, postpaid.—Not prepaid: 1 lb. 50c, 5 lbs. $1.55, 10 lbs. $2.45.

KENTUCKY FIELD or Sweet Pumpkins—These are the thick meated sweet kind that are used for pies. They are ex-tremely good for stock also. A patch of them should be planted by themselves, and there will prove to be the most profitable crop. 1 lb. 40c, postpaid.—Not prepaid: 1 lb. 50c, 5 lbs. $1.55, 10 lbs. $2.15.

MIXED PUMPKIN SEED—We offer a mixture of Pumpkin Seed, consisting of a great many varieties—large Mammoth Pumpkins, the different field sorts and also the choicest pie pumpkins. Price same as above.

BROOM CORN.

Broom Corn is one of the most paying crops and is adapted to any soil that will grow corn. It will make a crop with very little rain. One acre will yield 1-2 tons of cured brush and up to 40 bushels of seed, which is nearly equal to oats in feeding value. Plant in drills 3½ feet apart, and in rows about 3 inches apart; and cultivate the same as corn. About 5 to 8 lbs. of seed will sow an acre. If planted the first of June, the crop will be ready to cut September 15th.

STANDARD EVERGREEN—The best variety for general cultivation on account of color and quality of brush, which is of good length and always of a green appearance when ripe, never getting red, and has no center stalk, valuable to broom corn raisers and manufacturers. 3 lbs. 60c, postpaid.—10 lbs. 75c, 25 lbs. $1.50, 50 lbs. $2.50, not prepaid.

NEW JAPANESE BROOM CORN—The earliest Broom Corn known, maturing in about 75 days, and can therefore be planted as a catch crop after winter grain. Brush is fine and long, without center stalk. 3 lbs. 60c, postpaid.—10 lbs. 75c, 25 lbs. $1.50, 50 lbs. $2.85, not prepaid.

Mammoth Russian SUNFLOWER.

A more profitable or important crop can hardly be raised, especially by prairie farmers. The seed is highly valued by farmers and poultry breeders, who have tried it. The bees will flock on it and lay more eggs than on any other food. Single heads measure from 12 to 22 inches in diameter and contain a lot of seed, which can be raised much cheaper than corn. The stalks make good firewood. Four quarts will plant one acre. 1 lb. 25c, 3 lbs. 60c, postpaid.—Not prepaid: 1 lb. 15c, 10 lbs. $1.00, 25 lbs. $2.25.

Mammoth Russian Sunflower.

Flax.
FARMER SEED & NURSERY CO., FARIBAULT MINNESOTA.

IMPROVED HARDY NORTHERN GROWN SEED GRAIN

A Field of our Minnesota 169 Blue Stem Wheat.

Farmers look at their pursuit in agriculture more from a business-like standpoint than they did in former years, and good judgement, as a general rule, is exercised, not only in their selection of farm animals for breeding purposes, but also in selecting proper Seed Grain. Choice and pure Seed Grain is beyond all question of the greatest importance for every farmer. Seed Grain, as a general rule, is not often properly cared for, and we have also reaped poor and run-out Seed Grain, which is weakened by constant culture in the same locality, and which is also affected by smut, rust, and other fungous diseases, is sown again and again, the result will be a constant decrease in yield, which will dwindle down to almost nothing in course of time. That farming under such circumstances must be unprofitable is clear to every thinking farmer. It, on the other hand, good and hardy Northern grown Seed Grain is procured every few years, a free and well-paying crop of grain can be had even under unfavorable circumstances.

We always have made it a point in our business to introduce new and improved varieties of seed grain, grown to the largest extent here on our own farms, from the most carefully selected Seed Stock. The climatic and soil conditions for raising Grain are nowhere better than here in Minnesota, the Banner Wheat and Grain growing state in America, and it is an established fact that such Hardy Northern—Grown Seed Grain is full of vigor and vitality and unsurpassed in productiveness.

Being Farmers and Seed Growers ourselves, originating new varieties by breeding and crossing different kinds of grain possessing superior qualities and also procuring Seed Stock from such reliable sources as the Experiment Stations from both at home and abroad, we are certainly in the best position to fill your order for Hardy Northern—Grown Seed Grain to better satisfaction than any other seed dealer.

MINNESOTA 169 BLUE STEM WHEAT.

This is the origin of Professor Hays of our Minnesota Experiment Station, and like the Minnesota 163 Five Wheat, it is certainly a great credit to him. In originating this variety the Experiment Station not only obtained a pure and true Blue Stem variety, but also one of the heaviest yielders ever offered. On account of developing such strong and vigorous growing plants, the chaff enclosing the grain is much thicker and firmer than on most other Wheat, for which reason it is not as easily attacked by rust and blight as other kinds. It is also free from smut which sometimes does such great damage to common varieties. It has been proven that all the spring wheat varieties the Minnesota 166 Blue Stem stands at the head, not only in yield, but also in quality. The grain is always nice and plump, flinty and almost transparent. Everybody who has seen a field of this Wheat with ears well developed, has to admit that it is the most perfect and the best of all the Wheat varieties. Price: 3 lbs. 50 cents, postpaid. Not prepaid; Peck 50c.; bu. $1.85; 25 bu. $4.50; 10 bu. $17.00; Sacks Included.

PEDIGREE BLUE STEM WHEAT.

This is the most hardy spring wheat of the Blue Stem class, originated in North Dakota which is renowned for its production of hard and flinty milling Wheat. It has been found that this is the most reliable, as well as one of the most profitable kinds of Wheat to raise in all the spring wheat growing sections. On account of its vigorous, healthful growth and great stretching qualities this wheat stores up so much vitality that it very seldom suffers from blight, rust and dry weather, while all common and run-out varieties fail almost entirely. In every locality where this pedigreed Blue Stem Wheat was grown since recent years it has produced from 7 to 15 bushels more per acre than common wheat. Many of our patrons wrote us last fall that the Pedigreed Blue Stem Wheat ordered from us yielded again as much per acre as a field with their own wheat turned right aside and that they felt sorry for not ordering their entire stock of Seed Wheat from us, as they would have been hundreds of dollars ahead. Price: 3 lbs. 50c, postpaid. Not prepaid; Peck 50c; bu. $1.85; 25 bu. $4.50; 10 bu. and more at $1.70 per bu., sacks included.

Your seeds have given excellent satisfaction. Your Marquis wheat yielded 32 bushels per acre this year (1914)—best yield in this part of the country as common wheat only yielded from 10 to 25 bu. per bu. and will not do as well as this and We have an extra large stock of this Seed ready for delivery. Your great White Danish Oats yielded 75 bushels per acre—20 to 35 bushels more than common ows.

LEO. F. Glatzel, Carver Co., Minn.

As to the Blue Stem Wheat ordered of you last spring, I am certainly pleased with results obtained from same as it yielded 20 bushels—machine measure—to the acre while some Early Java (some grown) seed yielded only 8 bushels, both in the same field.

W. F. Connolly, Cresco, Ia.

My Seed Wheat ordered from you last fall. It is good Wheat and clean; am sorry that I did not order more. Next year will order more from you, as I am a firm believer in good Seeds.

Franz Wendland, Milbank, S. D.
MARQUIS WHEAT.

The New, Hard Canadian Wheat of Wonderful Productiveness.

Have you heard about this great Marquis Wheat which has created such a sensation in the Northwest, winning the world's championship two years in succession? Everybody is interested in this wonderful new Wheat and wants to grow some of it this year. It outyields any other known variety, ripens earlier and withstands unfavorable weather better.

This Marquis Wheat is the best variety of hard Spring Wheat, and was originated by the late Dr. Saunders on the Dominion Experimental Farm, Ottawa, Ont., by breeding together the Red Fife with a very early Indian Wheat, the Red Canadian, after a careful selection for a number of years to fix the type. It was sent to the different Canadian Experiment Farms, where it quickly made a name for itself on account of its earliness—it being 10 days earlier than our Fife varieties, and its enormous yields of about 61 bushels more than the Red Fife. Both are held except for a short awns at the top of the head. The Marquis does not grow quite as tall, and it is considered an advantage, especially if the wheat is grown on rich ground, where most wheats are inclined to lodge. In the threshed grain there is quite a difference, the Marquis being larger, shorter and hunter—wider and deeper in crease, and of an amber color.

We have a large stock of the very purest and finest quality pure seed of Marquis Wheat. We quote the following low prices: 3 lbs., 50c.; postpaid.—Not prepaid, peck 50c.; bush. $2.15.; 5 bu. $10.50.; 10 bu. and more at $7.00 per bushel.

I am more than satisfied with the results obtained with your Marquis Wheat. Had the finest field of wheat in this township and by far the best yield around here. Received 16 to 12 bu. more wheat per acre than any other variety yielded in this section. Fred W. Schroeter, Grafton, Wis.

Macaroni Wheat, Arnautka.

On account of its extreme hardiness and great productiveness this variety should be sown more in every section of the Northwest, Since it always yields more per acre than any other spring wheat, we advise that every grain farmer sow some of it every year, for most other varieties are not so resistant to rust, black, and other diseases. The Marquis Wheat is not affected at all. The grains are rather large, very hard and glossy, often transverse, yellowish-white in color, occasionallly inclining to a reddish color. It grows rather tall, with broad, smooth leaves of a peculiar whitish color. The heads are formed and are carried in the Northern and Northwestern States Macaroni Wheat should be sown in the Spring. The grain, being very large and not storing very heavily, 1½ to 2 bushels of seed are required per acre. We offer only the best strain, the "Arnautka," which possesses not only the best milling quality, but is also the heaviest yielder, 3 lbs., 50c. postpaid.—Not prepaid, peck 50c., bush. $1.85, sack 3½ bu. $3.50, 10 bu. and more at $1.75, sacks included.

Velvet Chaff Spring Wheat.

This is an extremely hardy, bearded variety of wonderful productiveness, generally yielding at least 10 bu. more per acre than other kinds of Spring Wheat, with the exception of the Macaroni Wheat. The ears are long bearded or spiklets as well as its heavy chaff protect it from fungous diseases, such as blight, rust, and smut. It is as hardy and blighty as the best Fife Wheat, no matter how unfavorable the circumstances are, the Velvet Chaff always produces a good yield. On account of its great hardness and prodigious yield no grain farmer should fail to sow at least a third or half of his area intended for Wheat to the Velvet Chaff. 3 lbs. 30c. postpaid.—Not prepaid, peck 50c., bush. $1.85, sack 3½ bu. $3.50, 10 bu. and more at $1.75, sacks included.

Speltz or Emmer.

A valuable grain closely related to wheat; the kernels, however, are tightly enclosed in the hulls or husks, and these adhere to the grain when it is threshed. Speltz is becoming more popular every year, as it always produces good crops even under unfavorable circumstances where other grain fails. It withstands more dry weather than any other grain, with the exception of Macaroni Wheat, and produces more food value per acre than any other cereal, while it is a most valuable feed for all kinds of stock. It can be fed to horses as does oats, with the hulls on. Speltz can be grown on most any kind of soil, rich or poor, wet or dry, as it will not lodge like other grain on account of the stiff and strong straw, and will always stand a wind, and stands up well under all circumstances. Thru careful growing and proper selection of our seed stock, we have kept up the Minn. No. 163 Fife in its original purity, vigor and productiveness. 3 lbs. 30c. postpaid.—Not prepaid, peck 50c., bush. $1.85, sack 3½ bu. $3.50, 10 bu. and more at $1.75 per bushel, sacks included.

Your Marquis Wheat did splendidly here, outyielding the Blue Stem and Velvet Chaff.

C. C. FINSTON, Murdock, Minn.

Minnesota No. 163 Fife Spring Wheat.

A variety of hard Fife Wheat originated by our Minnesota Experiment Station. Careful selection, crossing, and thorough preparation of the seed lot have been the two main factors in its improvement. In comparison with old standard varieties of Wheat the Minn. No. 163 Fife is far ahead in every respect, in yield as well as in quality. The kernel being larger and containing a much higher percentage of gluten. It is a wheat with greater vigor and vitality than the older sorts, for which reason it also has more resistance against rust, smut and other diseases. It is a stiff, strong, and stands up well under all circumstances. Thru careful growing and proper selection of our seed stock, we have kept up the Minn. No. 163 Fife in its original purity, vigor and productiveness. 3 lbs. 30c. postpaid.—Not prepaid, peck 50c., bush. $1.85, sack 3½ bu. $3.50, 10 bu. and more at $1.75 per bushel, sacks included.

Sprung Rye.

Spring Rye is a paying crop in our Northwestern States as well as in many other sections. Will make an excellent crop to sow where winter grain has been killed out. For turning under it is considered a great soil fertilizer. Does not grow as large in straw as Winter Rye, but yields fully as well and has much shorter growth. The best Western variety is the Mennonite Spring Rye, grown here in Minnesota. Price: 3 lbs. 50c. postpaid.—Not prepaid, peck 50c., bush. $1.65, 5 bu. $8.00; 10 bu. $15.00; sacks included.

Bearded Fife Winter Wheat.

That this is the hardest variety for the Northwest has been fully proven during the last 10 years, and is most highly recommended by our Minn. Experiment Station. Like all our best and hardest varieties of grain, it originated in Russia. Its average yield here in Minn. is 40 bu. per acre, but it has produced as much as 62 bu. under favorable circumstances. In a comparative test at the Iowa Experiment Station it outyielded all the other kinds, producing 55 bu. per acre.

Write for our Fall Price List of Winter Grains, etc.
SEED OATS. Improved Heavy Yielding Varieties.

The Roosevelt Oats.

This is our own production which holds the highest yielding honors of the entire oat family; 180 lbs. and 27 bushels were grown from a single bushel of New Roosevelt Oats by Mr. John T. Wood, of Victor, Mont.—Mr. Wood won $300 at first prize in our Roosevelt oat growing contest.—From the seven prize winners the entries were received from 29 bushels and 270 pounds from each basket of oats sown.

The growers represented four different states and the figures were given in sworn statements by reputable farmers. Compare these with the average yield of common oats which is about 30 bushels per acre, and, requires 2½ bushels of seed — you will find that our New Roosevelt Oats yielded four times as much as the common oats. What more could you ask?—the tremendous successes achieved by the Roosevelt Oats have opened the eyes of hundreds of our farmer friends — and the demand for these oats has about doubled each season.

DESCRIPTION AND PRICES OF OUR ROOSEVELT OATS

Here are the features you must consider in our Roosevelt Oats. It has been carefully bred from one of our hardest and most productive American-grown oats, followed by the best of a foreign variety renowned chiefly for its stiffness of straw and resistance against lodging. As a result of this combination we have produced an oat of the most wonderful productiveness, with a straw strong and stiff enough to hold up its heavy load of grain in spite of unfavorable circumstances. It has required years to bring this oat up to its present state of perfection. On account of its strong root development it produces healthy, vigorous and stiff-strawed plants of medium height with an abundance of long, broad leaves and large, well-branched heads. Growing so vigorously on account of its powerful root system, it is not partial to soil or climate and develops the hardest and most powerful growth, so that it is able to withstand heat and drought, cold and wet, poor soil and neglected cultivation better than any other variety.

The heavy kernels are enclosed in a tough, firm shell so that rust, blight, which oftentimes play so much havoc with the oat crop, do not seem to affect it at all. The large, hard, beardless, round, white grain is the heaviest and most flat that was ever produced, weighing 40 to 50 lbs. per measured bushel. Unlike most other grain producing large crops, our Roosevelt Oats matures medium early.

Prices: 3 lbs., 50c; 6 lbs., postpaid.—Not prepaid: Bu. $1.35; 2½ bu. $2.35; 10 bu. and more, at $1.25 per bu., sacks included.

Wish to tell you how I succeeded with the New Roosevelt Oats purchased from you last spring. I harvested a fine crop of excellent and extra heavy oats—yields at the rate of a little better than 100 bushels per acre.

ALBERT DUWEL, Waukesha Co., Wis.

"NEW BUMPER CROP OATS."—See Novelties, page 7.

Improved American Banner Oats.

Splendid new variety, recommended by the Danish government as the best and heaviest yielding variety in the world. We imported our original seed stock direct from Denmark and are now offering Minnesota grown and thoroughly acclimated seed. The White Danish Oats are far superior to any other variety in the market. The stalk is strong, vigorous growth, with large, extended root system, and remarkable for its great stooling capacity. The seed stock is limited, order early. Price: 3 lbs., 50c; 6 lbs., postpaid. Not prepaid: Bu. $1.35; 2½ bu. $2.35; 10 bu. and more at $1.25 per bu., sacks included.

Victory Oats.

Victory is a cluster oat, with rather short but densely branched heads, spikelets small and square, generally containing two grains which are short and broad, of clear white color and heartless. The kernels are always very heavy and are of pure white color. The stalk is medium height, stronger and stiffer than that of any other oats. Victory ripens early, at about the same time as the well-known Swedish Select Oats. Price: 3 lbs., 50c; 6 lbs., postpaid. Not prepaid: Bu. $1.35; 2½ bu. $2.35; 10 bu. and more at $1.25 per bu., sacks included.

Early Champion Oats.

Early Champion produced the largest yield per acre in the test at Iowa Agricultural College, and are highly recommended by them. This comparatively short straw matures a week to 10 days earlier than other kinds, thus largely escaping the liability to rust. Its greatest value lies in its special adaptability as a nurse crop to cow with grass seed, as it does not compete with the grass seed. In other respects it is a strong, heavy, and early oat, and will be a satisfactory oat where grass seed is grown more slowly. Price: 3 lbs., 50c; 6 lbs., postpaid. Not prepaid: Bu. $1.35; 2½ bu. $2.35; 10 bu. and more at $1.25 per bu., sacks included.

"Regenerated" Swedish Select Oats.

This is a "cross bred" of the old type Swedish Select Oats, and yields 25 per cent more than its parent. It was first exhibited at the Minnesota, Iowa, and Illinois State Fairs, and at the National Corn Show a few years ago, and is now introduced for general sale. The "Regenerated" Swedish Select Oats is the only one of all the Select Oats which we offer that has been raised from stock procured of the original owners. Our stock is extra choice, bright, clean, healthy and hardy. We grow 14 lbs. per bushel, or 22 lbs. per measured bushel; it yielded 90 bushels per acre. Price: 3 lbs., 50c; 6 lbs., postpaid. Not prepaid: Bu. $1.35; 2½ bu. $3.00; 10 bu. and more at $1.15 per bu., sacks included.
KIRSCHLE'S ORIGINAL—THE GREAT GERMAN OATS.

The stiffest in straw, the most productive of all European varieties.

This is an elegant new oat of which we obtained the Seed stock directly from the originator, Mr. A. Kirsche, the famous German oat specialist several years ago so that we have been able to harvest a number of good crops from it. We are satisfied from our several years of experience, that Kirsche's Original ranks with the very best European and American varieties, and believe that it is one of the most profitable varieties in cultivation.

According to official statistics of the different Grain Seeders' Associations in Germany, Kirsche's Original Oats ranks the highest in every respect of all the different varieties of German, Swedish and English oats tested. Its most important features are as follows:

It is vigorous and quick growth during its first stages of development—it is shorter in straw than most other heavy yielding varieties. Stiffness of straw and great resistance against lodging, on rich and well manured soil and under unfavorable circumstances. Strong and healthy development of straw and of its well-branched heads.

Its strong and vigorous root system enables it to withstand drought as well as extreme moisture without much suffering.—It is always reliable and produces the largest crops.—The grain is always plump and heavy and seldom weights less than 45 pounds to a measured bushel.

In breeding these oats it was the originator's aim to produce a short and stout strawed variety yielding as much grain as possible. This Mr. Kirsche has actually accomplished, for Kirsche's Original at least 4 to 6 inches shorter in straw than all the other large leaved, extra heavy varieties, and it also ripens 3 to 4 days earlier than these.

In our experience no sign of rust, smut or blight were noticeable on the straw. The large plump grain is of a yellowish white color, is thin hulled and very mealy.

Price of Kirsche's Original Oats: 3 lbs., 60c., postpaid.—Not prepaid: Peck 45c., bu. $1.35, 25c. bu., $2.35, 10 bu. or more, $2.55 per bu.

Your seeds are always dependable. Kirsche's Original Oats gave a yield of 127 bushels from 1 bushel sown. My neighbors say this variety is the finest and best oats they have ever seen.

H. D. Diers, Lane, Idaho.

Wisconsin No. 4 or Swedish Select Oats.

A splendid oat which was introduced to this country by the U. S. Dept. of Agriculture. The Wisconsin Experiment Station secured these oats from Washington, D. C., with several varieties for trial. They have been grown on the University plots for years and during all that time have been carefully tested and compared with 50 other varieties. Prof. Moore said: "We have found them the most satisfactory of all varieties tested. On the experimental plots the oats yielded exceptionally well, having a stiff straw, light head and weighing 50 to 40 pounds per measured bushel. This variety seems especially adapted to high well-drained land, and the best results are secured from clay-loam soils. The great root development is one of the characteristics of the Swedish Oats, which enables the plant to resist drought better than any other sort tested."

We have grown these oats ever since they were originated and allho we have had very favorable years for the production of oats we can say that the Wisconsin No. 4 always produces at least 15-20 bushels more than the older and more common varieties, such as the Lincoln, Romans, American Banner, etc. Its heads are large and branching, and are loaded with the prettiest, big, plump and thin hulled grain. Price: 3 lbs. 50c., postpaid.—Not prepaid: Bu. $1.20, 25c. bu. $2.75, 10 bu., and more, at $1.00 per bu., sacks included.

Early Yellow Russian Oats.

Also called Russian Green Oats.—Well known and grown extensively in many sections of Iowa and Minnesota. It is an early sort, ripening a few days later than the Early Champion. A very heavy yielder, kernels long and slim, thin hull, with large, meaty berry; of yellowish color. Straw not coarse, but strong and stiff nevertheless, standing up well in unfavorable weather. A hardy northern-stern variety that will give splendid returns. Price: 3 lbs. 50c., postpaid.—Not prepaid: Bu. $1.30, 25c. bu. $2.75, 10 bu., or more at $1.00 per bu., sacks included.

Silver Mine Oats.

This is a very hardy and prolific variety with long but stiff straw, and grain of the clearest white color. It will grow and thrive under the most unfavorable conditions of soil and climate, and is always a sure cropper. The heads are very large and long, and borne low down on the stalk, which prevents lodging. The grain is long, plump, and heavy, and full of meat. Always yields heavy and is unusually exempt from disease. Price: 3 lbs. 50c., postpaid.—Not prepaid: Bu. $1.25, 25c. bu. $2.75, 10 bu. or more at $1.00 per bu., sacks included.

Improved White Russian Oats.

Known almost everywhere and it will always be a standard favorite. It has become thoroughly acclimated and matures only a week later than our earliest varieties. These oats are extremely hardy, endure cold wonderfully and are entirely smut and rust-proof. The berries are longer and larger than other varieties for which reason it is well adapted for succustra as it can be more easily separated from wheat. The White Russian matures with the Blue Stem Wheat and the two make the best combination for succustra. Price: 3 lbs. 50c., postpaid.—Not prepaid: Bu. $1.30, 25c. bu. $3.00, 10 bu. and more at $1.15 per bu.

White Swedish Oats

Kirschle's Original Oats

FARMER SEED & NURSERY CO., FARIBAULT, MINNESOTA.
BARLEY.

Barley is a very profitable crop to grow in our northwestern states. Considering the high prices farmers received for this crop the past few years, barley yields a bigger net profit to the grower than wheat or oats. Our Minnesota grown Seed Barley will give highly satisfactory results, we have a splendid stock to offer this year. Sow about 3 bushels per acre, using a good drill. Barley makes an excellent crop to follow corn that has been grown on clover sod.

University No. 105.

For several years the Minnesota Experiment Station has been breeding and testing many varieties of barley with the object in view of producing a solid six-rowed variety that would rival the best known and most popular varieties. This undertaking has been crowned with success in the new University No. 105, a six-rowed variety offered under the same name of University No. 105. In comparative tests, covering a period of several years and made side by side with the best known and most popular varieties, it has proven to be the heaviest yielder, producing on the average 59 bushels per acre during the past three years. It surpasses the Mandscheuri barley not only in productivity, but also in quality, retaining its nice bright color even better than the latter. This barley is early, uniform in maturity and produces longer ears, well filled with heavy plump grain. As a malting barley it is simply unexcelled. Price: 3 lbs. 60c, postpaid.—Not prepaid: Bushel $1.35, 2 1/2 bu. $3.25, 10 bu. and more at $1.25 per bu., sacks included.

Oderbrucker or Wisconsin No. 55.

This great barley originated in Germany and was introduced by the Wisconsin Experiment Station, and in that state is considered the best and largest yielding variety. Oderbrucker is a six-strawed, heavy yielding, six-rowed, bearded variety. It is about the same as Mandscheuri in season, manner of growth and general appearance, but has a plumper kernel and is heavier. Prof. Moore says: "In stiffness of straw and rust resistance it is superior to any variety on test." It has a protein content of 15 per cent, or nearly double the amount of protein found in other varieties. This makes it an exceptionally valuable feeding barley, a very important point when it is considered that leading farmers and stockmen are attaching more and more the value of barley as a feed for all kinds of stock, horses as well as cattle. It is also one of the superior malting barleys. Price: 3 lbs. 80c, postpaid.—Not prepaid: Bu. $1.15, 2 1/2 bu. $2.75, 10 bu. or more at $1.00 per bu., sacks included.

Mandscheuri.

A well known variety, which is, beyond doubt, one of the most profitable barleys ever introduced into this country, greatly out-yielding the once famed renowned Manshauty Barley. It is an early-crowed variety, maturing in 80 to 90 days from time of sowing, and is adapted to all kinds of soil and climate; is very strong strawed, stools well, and bears large plump, well-filled heads of plump grain, which possesses malting qualities of the highest order. Another important factor is its nice and bright color, which will not turn dull and yellow when exposed to rainy weather, as most of the other varieties do, and on this account it will always be in good demand by the brewers and will command the highest market price. Price: 3 lbs. 80c, postpaid.—Not prepaid: Bu. $1.15, 2 1/2 bu. $2.75, 10 bu. or more at $1.00 per bu., sacks included.

Success Beardless.

This is a new six-rowed barley, and as the name indicates, is almost entirely without beards, which is the most valuable improvement ever made on barley. It is a vigorous grower, producing heavy, short straw and heavy, well-filled heads of plump grain. Its earliness is one of the most important features, as it can be cut and put out of the way before the wheat and oat crop is harvested. On good land it has produced 80 to 90 bushels per acre in favorable seasons. In regard to soil, it is not particular, as a good crop of Beardless Barley can be raised on land too poor to produce a crop of wheat or oats. It is a first-class malting barley and equally good for feeding stock, therefore always bringing the highest market price. It should not be mistaken for the Husless Barley, which is described below and which is grown for feeding purposes exclusively. Ever since this grand new barley was introduced, there has been such a demand for it, that we are always short in supply and we anticipate another great rush for it this year. Price: 3 lbs. 60c, postpaid.—Not prepaid: Peck 50c, bu. $1.75, 2 1/2 bu. $4.25, 10 bu. and more at $1.05 per bushel, sacks included.

White Husless.

Also known as "Ideal" and "Giant White Husless." It grows very large, has heavy, well-filled heads without beards and in the field resembles the "Beardless Barley" described above; the kernels, however, shell out without the hulls, like wheat, and are the prettiest, plump and oval-shaped white grain in cultivation. It is not a malting barley, but can be used for feeding only, having no equal as a fasting feed for hogs, and making sweet and meater and nectar like corn. It is a vigorous grower, and can be sown after all other grain is sown, and will then mature before wheat or oats. It can also be grown for hay, and if sown early enough can be cut twice, making two good crops of hay in one year. Price: 3 lbs. 60c, postpaid.—Not prepaid: Peck 50c, bu. $1.85. Write for prices on larger quantities.

Black Husless.

How to produce the largest amount of grain, best adapted for feeding milch cows and for fattening stock, is the most important question with every farmer and dairyman. The Black Barley is best adapted for this purpose, for it is an early, heavy yielding, producing on from 70 to 80 bushels to the acre, and is of the greatest feeding value at the same time. No other grain fed as ground feed is as nourishing and milk-producing as Black Barley, and for fattening purposes it is also invaluable. It should be grown on ordinary ground, but will also make large crops on thin and poor soil, where other varieties of grain fail entirely. It is not affected by bad drought, and is therefore the best grain for drought-stricken sections. The grain is husless, very plump, and heavy. Price: 3 lbs. 60c, postpaid.—Not prepaid: Peck 50c, bu. $2.00. Write for prices on larger quantities.

THE FARMER'S READY REFERENCE BOOK.—FREE.

You cannot afford to be without the Farmer's Ready Reference Book. Contains 302 pages and every page of vital interest to the Farmer, Gardener, Ranchman, Dairyman, etc. Chapters on all departments of farm life, and each chapter written by an expert in his particular line. Government and state experts wrote this book. The book is easily worth $1.00 to any one and it will save you many dollars in the course of a season.

Send us your order for $5.00 worth of Seeds and a copy of this book will be sent you free of charge. All other Premiums excluded. The supply is limited. Only one to a customer. Order to-day.

Plant "Bumper Crop" Oats For Biggest Yield—See Page 7.
MINNESOTA GROWN SEED CORN.

Scientific breeding of seed corn requires years of the most exact and painstaking work to accomplish results, and on this point we have spared neither time nor money; thereby giving our patrons absolutely reliable seed corn such as has been bred to suit the conditions of our Northwestern climate, and is of the best possible type, and produces the largest yields of corn. We are the largest growers of seed corn in the Northwest; send your orders direct to us—headquarters and you can depend upon receiving strictly Northern Grown Corn of highest purity and germination.

It is a well known fact, that seed corn of the 1916 crop is absolutely undeniable, even the corn taken care of before the first severe frost is entirely too low in vitality. These conditions are quite general all over the Northwest, and we have never known similar circumstances to exist. Fortunately we carried over a limited amount of seed from the 1915 crop and have also secured additional quantities from some of our growers.

Our twenty-seven years' experience as corn growers and seedsmen puts us in position to know what our farmers in the Northwestern states need and want in the line of seed corn and we are in excellent position to supply them. The Northern Grown corn seed corn of the highest quality obtainable, carefully selected, milled and of high test. This corn is not to be compared with ordinary crib-corn, of which a great deal is being offered by irresponsible parties, at low prices. Because of the great scarcity of good seed corn a large number of "mushroom" seedsmen have appeared and are offering seed corn this year. Don't be misled into buying from unknown sources or at attractively low prices—you will surely regret it later.

We would advise our customers in Minnesota, Wisconsin, North Dakota and Iowa to secure Minnesota grown seed corn in preference to corn grown in South Dakota. Nearly all of the South Dakota corn offered was grown in the extreme southern part of that state, such corn is no better than Nebraska or Southern grown stock. If possible, come and see us; inspect our warehouses, see how we sort and test the corn in our large, specially constructed seed testers and convince yourself of the fact that we do all in our power to safeguard the interests of our customers.

From the time on that the 1915 crop of seed corn looked uncertain, we have had a heavy demand for corn, so that several varieties (of which we carried over but limited quantities) are now sold out. For this reason we cannot offer Silver Jewel, Pride of the North, Wisconsin No. 8, Wimple Yellow Dent and Canada Smut Nose.

It will be to the advantage of every one of our customers to reserve his requirements at once—before it is too late to secure good seed. We believe there is not enough dependable corn to be had to take care of late orders, placed just at planting time. Do not depend on new corn and be disappointed at planting time.

WE GUARANTEE OUR SEED CORN TO BE STRICTLY MINNESOTA GROWN AND OF HIGHEST GERMINATION, IF NOT FOUND AS REPRESENTED, SHIPMENT MAY BE RETURNED AT OUR EXPENSE, AND AMOUNT PAID WILL BE REFUNDED.

Buy your seed direct from headquarters—We supply strictly Northern Grown corn of best quality and highest vitality.

Early Murdock Golden Dent.

Golden Jewel is our own production which, thru years of careful breeding, we have developed to the highest possible state of distinction of type, earliness of maturity and wonderful productiveness. The true stock can only be obtained from us direct.

Golden Jewel is adapted to our northern climate and soils, and will give you a big surprise from a financial standpoint. The ears are of uniform type; taper to a point at once and are well filled over the tip, from 8 to 10 inches in length and 16 to 21 rowed. The color of the kernels is a rich golden yellow. The cob is very small for so large a corn. The stalks are of medium height, very leafy, strong trunk base and very fine tip of the ear. The ears set about 3½ feet from the ground. Golden Jewel matures in 95 days and has a record of 121 bushels per acre.

Golden Jewel Corn is the acknowledged standard of productiveness and highest type of corn suited for our northern sections. We have claimed much for this corn and the many reports which we receive from our customers every year have not only sustained us in every single claim we have made but have also praised the Golden Jewel far above our fondest expectations. If you want the best to be had in Corn—harvest the biggest crop of the very finest ears—plant our Golden Jewel. We have only a limited stock of 1914 crop of this variety. Price: 3 lbs. 85c, prepaid. Not prepaid: Peck $1.75, bushel $6.50, 8 bu. $11.25, sacks included.

EARLY MURDOCK GOLDEN DENT CORN.

Also called Golden Glow or Wisconsin No. 12. The Murdock Golden Dent Corn was awarded Sweepstakes Prize for the Northern Zone, comprising the states of Minnesota, Wisconsin, North and South Dakota and Michigan, at the last two National Corn Expositions.

It is an enormous yielding Golden Dent variety, outdistilling most other sorts, having produced over 100 bushels to the acre with ordinary cultivation. Altho this variety is such a heavy yielder, it matures early enough that it is well adapted for our northern states. The Murdock has proven to be very adaptable to different soils and conditions, becoming acclimated to different sections the first year. The ears, which are large, with 18 to 24 rows of deep kernels, run very uniform. The Murdock is earlier by several weeks than Iowa Silver Mine. Local Tender and Leaning, maturing but several days later than the Minnesota No. 13. We have two fine lots of seed stock of this variety, which we offer as follows:

Stock No. 48. Price: 3 lbs. 75c, prepaid. Not prepaid: Peck $1.40, bu. $6.00, 8 bu. $24.25, 10 bu. $47.50, sacks included.

Stock No. 60. Somewhat lower in vitality than the above stock, germination about 90%. Price, not prepaid: Peck $1.25, bu. $4.25, 10 bu. $40.00, sacks included.

MINNESOTA IDEAL CORN.

This is the best all-around early yellow Dent Corn, on account of its enormous yield of both corn and fodder—75 to 85 bushels per acre. It is an ordinary yielder while it produces at least 5 to 9% more fodder than any other Dent Corn. Altho the stalks grow from 7 to 9 feet in height, the corn matures before such varieties as the Murdock, Sterling and Leaning, and is one of the earliest varieties in length and rowed. The type of corn expresses earliness; the kernels are of medium depth. It matures within 90 to 96 days. We recommend Minnesota Ideal for the southern half of our state and other sections in the same latitude. Price: 3 lbs. 75c, prepaid. Not prepaid: Peck $1.25, bu. $4.50, 10 bu. $42.50, sacks included.
MINNESOTA NUMBER THIRTEEN.

An elegant early variety of Yellow Dent Corn, introduced by Professor W. M. Hayes, well known agriculturist of the Minnesota Experiment Station. Our original seed was procured from the originator directly, and we have raised this corn now for several years in succession, never failing to secure a large crop of choice ears and solid stalks. It is a tall Yellow Dent Corn, with kernels puffed closely upon the cob, and the ears large and well filled from tip to butt. The stalks grow to a height of 7 to 8 feet, and are very leafy, making excellent fodder. This corn ripens in 85 to 90 days, and even in less time if the season is favorable. The Minnesota No. 13 corn is one of the leading varieties in Minnesota and other sections in the Northern tier of states. Its earliness, productiveness and its ready adaptability to a great variety of soils and climatic conditions recommend it to all northern planters. We can offer two lots of seed of the Minnesota No. 13, as follows:

Stock No. 57.—3 lbs. 75c, prepaid. Not prepaid: Price $1.40, bu. $4.75. 10 bus. $45.00, sacks included.

Stock No. 44.—Somewhat lower in vitality than the above stock, germination about 90%. Not prepaid: Price $1.25, bu. $4.00, 10 bus. $37.50, sacks included.

SILVER KING OR WISCONSIN NO. 7.

One of the best varieties of white dent corn for the southern half of Minnesota-Southern Wisconsin, Michigan and South Dakota, also for Iowa and Illinois. Prof. R. A. Moore, agriculturist of the Wisconsin College of Agriculture, reports that one-fifth of all the corn grown in Wisconsin last year was of the Silver King variety. This is based on the Wisconsin Experiment Farm an average of 80 bushels of corn here on a field of 22 acres. As its name indicates it is a pure white dent corn, producing large and solid ears which are from 10 to 18 rowed, well formed and completely filled out clear to the tips with kernels of good length. It is a strong grower and resists cold weather to a remarkable degree. Most stalks produce two good ears, which fill out for its large yield record. 3 lbs. 85c, prepaid. Not prepaid: Price $1.50, bu. $5.00, 10 bus. $47.50, sacks included.

MINNESOTA WHITE DENT.

An extra early white dent corn, maturing just as early as the Pride of the North, but yielding almost as much as this on the open prairie and on poor and thin soils. It is a tall, strong, very good solid ears, with long and deep rows, compactly around the cob. This is the best pure white dent corn adapted for a northern climate, like that of Minnesota, Wisconsin and the Dakotas. We have grown it here for many years, and has always produced well filled ears, having considerably more and being earlier than all other kinds. It is a vigorous grower, and the stalks average about 7 feet in height. Price: 3 lbs. 75c, prepaid. Not prepaid: Price $1.50, bu. $4.75, 10 bus. $45.00, sacks included.

RUSTLER WHITE DENT.

This early white dent originated in Dakota and is well acclimated to the Northwest. For early ripening, great yield and compact growth of ears it is one of the best; admirably adapted to a northern climate. Average height of stalks, 8 feet; average distance of ears from ground, 2 feet 6 inches. The ears are large, closely filled with large, deep kernels. Those wishing a first-class white dent corn will find in the Rustler a corn that is hard to beat. We offer two lots of seed:

Stock No. 2.—Price: 3 lbs. 75c, prepaid. Not prepaid: Price $1.40, bu. $4.75, 10 bus. $45.00, sacks included.

Stock No. 64.—Somewhat lower in vitality than the above stock, germination about 90%. Not prepaid: Price $1.25, bu. $4.00, 10 bus. $37.50, sacks included.

TRIPLE INCOME OR MINNESOTA NO. 23.

An early dent corn, ripening in about 95 days. Altoho it is very early it is nevertheless such a good yielder that it well deserves the name "Triple Income". The ears are of good size, roundly crowned, with 16 rows of kernels which are of white color at the tip ends, the sides being of yellowish color. It is a heavy ear corn for both stalk and cob. The stalks grow about 7 to 8 feet high, are strong and very deep rooted. Of greatest value on account of its resistance to unfavorable conditions of weather and soil. Even in the most unfavorable seasons a good crop can be depended upon. For drouthy sections and for thin, poor soil the triple variety is assuredly a Triple Income Corn. Price: 3 lbs. 75c, prepaid. Not prepaid: Price $1.40, bu. $4.75, 10 bus. $45.00, sacks included.

DAKOTA GROWN SEED CORN.

This corn was grown in the central part of South Dakota, but close to the Minnesota border. We recommend the following varieties for the northern part of South Dakota and for Iowa and Illinois as well as for other central corn growing sections.

RED'S YELLOW DENT CORN.—Dakota Grown. Peck 85c, bu. $3.00, 8 bus. $14.25, 10 bus. $27.50.

DAKOTA YELLOW DENT CORN.—Dakota Grown. Peck 85c, bu. $3.00, 8 bus. $14.25, 10 bus. $27.50.

MINNESOTA NO. 13.—Dakota Grown. Peck 85c, bu. $3.00, 5 bus. $14.25, 10 bus. $27.50.

NORTHWESTERN DENT CORN.—Dakota Grown. Peck $1.00, bu. $3.25, 5 bus. $12.50, 10 bus. $25.00.

SAMPLES OF CORN.

We will mail free, upon request, samples of the varieties you are interested in.

MINNESOTA YELLOW DENT.

One of the best early dent corn varieties for the Northwest, yielding 75 to 80 bushels of good sound corn per acre; even in unfavorable seasons a good average yield can be depended upon. The stalks grow 8 to 9 feet high and are very leafy, producing a very large quantity of fodder. The ears are large, 8 to 10 rows of kernels, with 10 rows of kernels. One of the best clerance varieties to plant for handsome autumn planters. Has a full yield of good ears, average size, for 85 to 90 days. This corn ripens in 90 to 95 days. A splendid corn for all purposes, try it and you will be well pleased. Price: 3 lbs. 75c, prepaid. Not prepaid: Price $1.35, bu. $4.50, 10 bus. $42.50, sacks included.

MINNESOTA KING.

In appearance the Minnesota King is very distinct, it being a half dent and half flint, a hybrid of the Longfellow Flint and the Pride of the North. That is this a good cross and a good type of corn for the more northern sections is self evident. The kernels are very large, broad and of a bright yellow color. The ears are 8-rowed and of medium size. The stalks average 7 feet in height and are well rooted, so that this corn withstands the damage of drought and strong winds better than most varieties. The Minnesota No. 5 King corn is a hardy grower and will make a crop during unfavorable weather and under conditions that would mean a failure for other varieties. 3 lbs. 75c, prepaid. Not prepaid: Price $1.50, bu. $5.50, 5 bus. $24.00, sacks included.

REID'S YELLOW DENT.

One of the most largely grown yellow varieties throughout the corn belt and one of the best varieties for Iowa, Illinois, Nebraska, Kansas and other states in the same latitude. A splendid variety for farmers who sell corn on the ear as the ears are so remarkably uniform in size, type and color. They are corned with 18 to 24 rows deep grain, no space left between the rows, and are of light golden yellow color and about 9 to 11 inches long; the cob is very thin. It matures in about 115 days. Our stock is very choice, grown in Minnesota. Price: 3 lbs. 75c, prepaid. Not prepaid: Price $1.35, bu. $4.50, 10 bus. $42.50, sacks incl'd.
FLINT CORN VARIETIES.

Here in the Northwest flint corn is used largely for late planting and as a crop for "new breaking"; also for early planting where ripe corn is wanted for early use, and for "hogging off" purposes. For all-rolled corn varieties are planted extensively. The different varieties listed here, vary somewhat in earliness, but all of them possess the good point to maturity under adverse conditions.

IMPROVED KING PHILIP.

Extra Early Red Flint Corn. This is a very early eight-rowed flint corn, and is one of the most reliable and productive varieties for the Northwest. The ears grow very long, a large percentage of them are 10 inches, with 8 straight rows of broad kernels, which are of shining red color, shading to good on the outside edge. Many stalks produce two and sometimes three good large ears. The corn is not near as hard as ordinary flint corn, on which account it is of the greatest value for feeding stock. The stalks are strong and can stand 2 feet in height, and is very leafy, therefore being more valuable for fodder than any dent corn. This variety matures in 80 to 85 days. Very hardy and one of the best and most reliable early varieties. Price: 3 lbs. 50c. prepaid.—Not prepaid, peck $1.00, bushel $3.50.

EARLY MERCER.

Extra Early Yellow Flint Corn. This corn is very prolific, and it is claimed to have yielded over 100 bushels per acre. The ears average 16 inches in length, are 12 to 14 rows, well filled out to the tips, and are of rich dark yellow color. Many stalks produce 2 and sometimes 3 good ears. The stalks average height and produce very few suckers. Matures in 80 to 85 days. Price: 3 lbs. 50c. prepaid.—Not prepaid, peck $1.00, bushel $3.50.

SANDFORD'S WHITE FLINT.

The handsomest flint corn and especially recommended for Minnesota and South Dakota. The great feature of this variety is the large grain and small cob it produces. If an ear be broken, you wonder that it is possible for so small a cob to hold and nourish so much grain. The ears are 12 to 15 inches long, smooth and symmetrical. Sanford's White Flint makes a very sturdy and vigorous growth with a great abundance of broad succulent leaves and is of great value for fodder and silage as well as grain. Matures in 85 to 90 days. Price: 3 lbs. 50c. prepaid.—Not prepaid, peck 90c. bushel $3.25.

COMPTON'S EARLY.

One of the best varieties for northern latitudes. Ears measure 12 to 16 inches in length, with 8 broad rows of kernels, making a most attractive appearance. The stalks grow to medium size, and many of them bear two to three ears. It is very leafy and a valuable variety for ensilage. Price: 3 pounds 80c. prepaid.—Not prepaid, peck $1.00, bushel $3.50.

MINNESOTA WHITE FLINT.

Very early strain of white flint, producing good sized ears and maturing readily in 80 days. Makes a quick, vigorous growth, producing an abundance of large succulent leaves. One of the best varieties for fodder and silo purposes, as well as for the grain crop. Price: 3 lbs. 50c. prepaid—Not prepaid, peck $1.00, bushel $3.50.

NORTH DAKOTA WHITE FLINT.

A pure pearly white flint corn, the result of many years' careful selection from the original squash corn. This corn stands more hardening, such as cold, frost, heat and poor cultivation, than any other variety. It grows about 5 feet high and the average distance the ears are from the ground is 2 feet. Matures in 75 to 80 days. Price: 3 lbs. 50c. prepaid.—Not prepaid, peck $1.00, bushel $3.50.

LONGFELLW.

This is a yellow variety of flint corn of very handsome, rich and glossy appearance. The ears are 12 to 16 inches long, and are filled with large and broad kernels. It is not at all unusual to find three full-sized ears hanging from one stalk. It is well known as a heavy producer of fodder as well as of ears. The average height of the stalk is 7 feet, while the ears are only about 3 feet from the ground. Matures in 80 to 85 days. Price: 3 lbs. 50c. prepaid.—Not prepaid, peck $1.00, bushel $3.50.

KILL-EM-QUICK.

Death To The Gopher.

It Kills Gophers. It's the only way — you can't trap or shoot enough to make any impression on the increase. But Kill-Em-Quick Gopher Poison will clean them out in a day, its odor attracts them. The sweet taste suits them. The thinnest particle eaten kills instantly. It's the absolutely sure way to destroy gophers, prairie dogs, squirrels, mice, etc.

Kill-Em-Quick is the most economical to use. It's the safest. There's no danger in preparing — simply soak the grain over night, drain in the morning, pour the box of Kill-Em-Quick Powder in and stir thoroughly. Then drop a few kernels of grain into their holes. Next day every gopher in your field will be dead. Or, if you want to collect a bounty drop the grain 4 or 5 feet from the holes. No gopher ever will travel 4 feet after eating Kill-Em-Quick.

We unreservedly guarantee that Michelsoen's Kill-Em-Quick is not only the cheapest gopher poison you or any other man can use, but the most effective you can use at any price. Kill-Em-Quick comes in two sizes enough for 4 acres and 80 acres enough to kill 1,000 and 2,000 gophers. Backed by a cash guarantee, full satisfaction or money back. Price: Two sizes, 50c and 75c. prepaid.
FODDER OR ENSILAGE CORN.

NORTHERN GROWN EARLY FODDER CORN VARIETIES.

A great many dairy farmers and stockmen nowadays plant an early fodder corn which they can let mature, if they prefer same to be fed as brush feed during fall and winter. By doing so they handle considerably less bulk, such as coarse stalks and a large amount of moisture, and provide a very nourishing and milk producing feed in a more condensed form. That it is an advantage to many farmers is demonstrated by the growing varieties of fodder corn now acknowledged. Prices quoted are for o. b. Faribault.

F. S. & N. CO.'S IDEAL SILO CORN.

The best fodder corn for the northern states. For feeding green, for silo purposes and also for curing in shocks, to be stacked up for feeding in the bundle, it is unsurpassed. It is a great yielder of fodder and also matures large sized ears in 30 to 35 days, ripening at the same time as the well known Minnesota No. 12 field corn. The stalls of this corn furnish a bundle of large sized ears, and can easily be harvested with the corn binder. The stalks are strong and stiff, alternating the wind well, they grow about 9 to 10 feet high, with an abundance of leaves for fodder. The roots go deep into the soil, withstanding drought well. The Ideal Silo Corn is especially well adapted to poorer soils, on which most other varieties would make but a small crop.

The stalks can be used in the field as Silo Corn to bring big returns on such soils. It will also grow well on cold ground. It is of quick growth and will mature perfectly in this latitude. For this section and Iowa, as well as for northern Minnesota, Wisconsin and the Dakotas, no better corn for fodder purposes can be found. The Experimental Corn Station now advise our farmers of the North-west to plant early maturing varieties of fodder corn in preference to the coarser Southern kinds. Every dairy farmer should plant much fodder corn because it produces more tons of splendid feed per acre than any other grain or forage plant. Ph. 75c; bu. $2.50; 5 bu. $12.00; 10 bu. and more at $2.20 per bu.

EARLY MINNESOTA YELLOW DENT FODDER CORN.

A standard early variety that has given our customers very good satisfaction for many years. It is a heavy yielder of fodder and may be used for feeding green from the field, as well as for silo filling and for curing in shocks, to be fed later in the bundle. Will mature perfectly in this latitude and also north of here. The stalks grow about 8' feet high and are very leafy, the ears are of good size and will mature in about 90 days. Price: Ph. 60c; bu. $2.35; 5 bu. $11.60; 10 bu. and more at $2.13 per bu., bags included.

YELLOW JUMBO FODDER CORN.

One of the best varieties of medium early Fodder Corn for the silo as well as for feeding green. It is unusually productive without growing above 8 feet tall. Most of the Southern varieties of Fodder Corn, and also grows and matures fair sized ears, several of them often growing on a single stalk. The average height of this corn is 8 feet, but the stalks do not grow thick and coarse, and can be harvested without the corn binder. Ph. 60c; bu. $1.65; 5 bu. for $8.60, 10 bu. and more at $1.25 per bu., not prepaid.

EXTRA EARLY WHITE DENT FODDER CORN.

Though not absolutely typical as a field corn, this is a good commercial grade of dent corn maturing perfectly as far north as the center of the state. We recommend this variety in particular for cold and moist soil. It produces a heavy yield of excellent fodder and adapts itself more readily to different soils and conditions than any other corn. Price: Ph. 60c; bu. $2.55; 5 bu. $11.00; 10 bu. and more at $1.15 per bu., not prepaid.

Tall Growing Southern Dent Corn.

RED COB FODDER OR ENSILAGE CORN.

A well known variety of Fodder Corn good either to feed green right from the field, to put up for the silo or to cure and stack away. It is a pure white corn, cropping as high as 45 tons of fodder per acre, which is sweet, tender and juicy, and furnishes great quantities of nourishment. The stalks have short joints, therefore producing an abundance of leaves, and grow to a good height. This Fodder Corn is adapted to every section of the country, although it will not ripen in our Northern States. Price: Ph. 50c; bu. $1.60; 5 bu. and more at $1.35 per bu., not prepaid.

GIANT FODDER CORN.

This grows very tall and leafy, and yields an immense quantity of fodder of excellent quality. Various varieties of Fodder Corn grow just as tall and often throw out leaves that are just as large but the great productiveness of the Giant Fodder Corn arises from the closeness of the joints, and as leaves are thrown out at every joint, the result is an increased yield of fodder over every other variety. Price: Ph. 50c; bu. $1.75; 5 bu. and more at $1.10 per bu., not prepaid.

Sweet Fodder Corn.

EVERGREEN — We consider this one of the most valuable fodder plants in existence, and every stock farmer should devote some land to it. The stalks are sweet, juicy, rich, tender and very nutritious. The leaves, which are very numerous, are large, broad, succulent and greatly relished by all kinds of stock, being far superior in every respect to all other kinds of corn. On strong soil it will grow 3 to 10 feet high and produce an almost incredible amount of fodder, which, when well cured, is equal to the best hay. Sweet Fodder Corn increases production of milk and wool. Price: Ph. 75c; bu. $2.75, 5 bu. or more $2.03 per bu., not prepaid.
MINNESOTA GROWN SEED POTATOES.

WITH hardly any other agricultural product is the change of seed of such great importance as with Seed Potatoes, for these deteriorate so rapidly, especially on soil that is not naturally well adapted for their growing. Seed stock should, however, be procured from a northern section where the conditions of soil and climate are naturally favorable and where the tubers reach their highest state of perfection. Everybody familiar with the soil conditions in this section of the Northwest has to admit that they are the most ideal for the production of clean, healthy and well-formed tubers. On account of the intersection of the Straight and Cannon Rivers, here at Faribault, we have the greatest variety of soil at our disposal—the light, somewhat sandy, yet fertile river bottom, deep rich, black loam, just sandy enough so that it works up well and never packs, and also the naturally rich, loamy hardy-timber soil abounding in vegetable and humus matter to such an extent that it will produce the largest crops of Idaho, Cox's Orange, Vegetables, etc., for years to come. With all such favorable conditions supplied by nature, together with the most careful selection of our seed stock, we are constantly bringing our Seed Potatoes up to the highest standard of perfection.

We ship our potatoes in the spring, as soon as the danger of freezing is over, so that they will arrive in due time for planting. All orders for potatoes are acknowledged when received, and forwarded as soon as possible.

We agree to fill all orders for Seed Potatoes at catalog prices as long as our supply lasts. Should this, however, be sold out and your order reaches us later in the season so that we would be obliged to procure new stock from other potato growers at higher prices, then we reserve the right to send you the money's worth of Seed Potatoes, or we shall write you before we fill your order.

Our customers can select a barrel of any 3 different varieties at the barrel price of each variety, and we will pack them separately in 1 barrel.

Our Barrels are Full 3 Bushel Size, Which Fact Please Bear in Mind When Comparing Prices.

It is advisable to ship bushel lots of potatoes in baskets to insure safe arrival, without the potatoes being bruised or skinned. We will ship them in baskets at 15 cents extra per bushel.

EXTRA EARLY OHIO. TRUE RED RIVER STOCK.

This grand old reliable potato is too well known to require a lengthy description. Almost every farmer and potato grower has given it at least a trial, and where the true and genuine stock was secured, it has always given the best satisfaction. No matter how many new varieties are introduced, the Early Ohio is still the leading market potato. The southern potato growers realize that by planting our extremely northern grown Early Ohio, the crop will be ready for the market at least ten days to two weeks earlier than if their own or more southern grown stock had been planted. Our Northern Grown Early Ohio, being vigorous and healthy, will naturally produce the largest crops and nature almost two weeks earlier than seed potatoes produced in a milder climate. **Price: $1.45, prepaid.**

EARLY SIX WEEKS.

Considered the best seedling of our grand Early Ohio, which is also the parent of several other good early varieties. The Early Six Weeks outruns the Early Ohio, not only in extreme earliness as its name already indicates, but also excels it in productiveness. The tubers are of a handsome oval form, almost the same in shape and color as the Early Ohio, but are not quite as much inclined to run elongated when conditions of soil and weather are unfavorable. The flesh is of extreme whiteness, both raw and when cooked. The potatoes grow closely to the plant and are therefore easily harvested. Also the Early Six Weeks is such an extremely early variety, it is also a splendid keeper, remaining sound until late in the spring without wilting or sprouting. We have always had a very large demand for them. **Price: $1.50, prepaid.**

WHITE EARLY OHIO.

Very similar in form and type to the Extra Early Ohio described above, but the skin is pure white, excepting the eyes, which are pink or red. The White Ohio is a good yielder and a strong and healthy grower. As an early market potato it is of the greatest value, for it is one of the very best extra early white potatoes so far introduced. On account of its handsome oval form and smooth appearance, it always sells at first sight on any potato counter. Less affected by scab and blight than the Red Ohio. It is just as good in quality and just as early maturing as the Red Ohio and will yield even better. **Price: $1.45, prepaid.**

EARLY IRISH COBBLER.

In shape the Cobbler is round, with oval cross-section. Skin is white, well noded. Flesh pure creamy white. Eyes are very few and shallow. Its cooking qualities and flavor are first class. Tubers of good size, no small ones and very smooth and free from scab. The Irish Cobbler is one of the most reliable of the first early sorts and an unusually heavy yielder for an early potato, excelling in this respect many of the late main crop varieties. It ripens very evenly, every hill seeming to ripen at one time. Its strong growth, earliness, productiveness, fine eating quality, and handsome appearance will always cause a good demand for the Irish Cobbler. **Price: $1.40, prepaid.**
EXTRA EARLY BLISS TRIUMPH.

On account of its extreme earliness, this is a standard market variety in all the Southern States. It is at least a week or ten days earlier than the Early Rose and the Early Ohio. The tubers are of a very handsome appearance, being almost round and most uniform in shape and size, with slightly depressed eyes, which are mostly on the seed end. The skin is of the purest white, both raw and when cooked. Its beautiful appearance, wonderful productiveness and superior table qualities make this potato a favorite for the early market wherever introduced. It produces at least from 12 to 15 tubers per hill, all of marketable size. It is the standard first early potato in the South for shipping to northern markets early. Price; 3 lbs. 50c, prepaid. Peck 45c, bu. $1.25, bbl. $5.75, not prepaid.

OLPE, KANS.
The potatoes ordered from you arrived in best condition. We were agreeably surprised seeing such nice, large potatoes. Many thanks to you.
R. O. FORSTER.

PEARL OF CANNON VALLEY.

We have received so many letters of approval from our customers on account of the superior quality of this great potato, that we see our trouble and expense, always connected with originating new varieties, well rewarded. The tubers grow large, run very uniform in size as a rule, in shape, and are of an attractive oval form, with smooth, somewhat netted skin on the seed end; eyes are few and shallow and the skin is of a creamy white color. The very type of this potato expresses the choicest table quality, the flesh is white, both raw and when cooked, fine grained and of excellent flavor. It is not only remarkable on account of its superior quality, but in great productiveness it is also unsurpassed. Yields of 600 to 900 bushels per acre are nothing unusual. The Pearl of Cannon Valley is a medium late variety, maturing with the Carman No. 1. A splendid market potato of finest quality, which always sells well. Price; 3 lbs. 50c, prepaid. Peck 45c, bushel $1.50, barrel $4.50, not prepaid.

THOROUGBRED.

This elegant potato is a seedling of the Early Rose, and is just as good if not better than this in every respect, but is some but later. It is handsome of a very regular shape and the skin is of a beautiful pink color; the eyes, although large, are even with the surface. It is a rank and free grower of vines and tubers, with so much vitality and vigor that it is certain to produce a good crop even in seasons of drought. The tubers grow large to very large, and are of handsome appearance, and of the very best table quality. Price; 3 lbs. 50c, prepaid. Peck 40c, bushel $1.35, barrel $4.00, not prepaid.

VIOLET QUEEN.

Splendid medium early potato that is bound to please everybody. It is very distinct and handsome, of an oval, slightly flattened form, with a beautiful violet and white motled, fine netted skin and beautiful yellow eyes. The shallow eyes there are patches of pink, which make the appearance of this potato decidedly striking. Altogether large its choice table quality is unsurpassed; the flesh is clear, white, both raw and when cooked, and boils perfectly dry and mealy throughout. It starts more quickly, and grows more vigorously than any other kind; the vines are strong and healthy, and the tubers are all of large, uniform size, laying close together in the hill. It is neither affected by potato blight nor is one of the most profitable potatoes for home use. Price; 3 lbs. 60c, prepaid. Peck 40c, bu. $2.00, bbl. $6.00, not prepaid.

BURBANK SEEDLING.

A seedling of the well known old Burbank potato. This variety embodies all the good qualities of the old variety and adds many new ones. Ripsens medium late. The tubers are of good size, fine elongated form, have white flesh, which is very mealy and of fine flavor, the best potato for baking. It is very prolific, well adapted to heavy soils and is a late keeper. Our stock is very fine. Price; 3 lbs. 50c, prepaid. Peck 40c, bu. $1.25, bbl. $3.75, not prepaid.

HYBRIDIZED POTATO SEED.

Growing new sorts from the seed-plant seed is a very interesting employment for old and young. There is the widest range of difference in size, shape and general characteristics between the different seedlings; everyone is more or less unlike all the others. It is from this seed that new varieties are originated. The result is often extremely profitable. Directions for planting, cultivating, etc., on each packet. Price: Packet 10c, 3 for 25c, prepaid.

NOROTON BEAUTY OR QUICK LUNCH.

It is claimed that this is the earliest potato ever introduced and that the tubers are well matured in 8 weeks from the time of planting. They are about the same shape as the Bliss Triumph, being nearly globular in form, and run more uniform in size, color and quality than any other early variety. The eyes are shallow, with a pinkish cast around them, while the smooth brownish skin is also splashed with rose crimson, giving these potatoes a very striking appearance. They are readily pared as the skin peels quite easily. The vines grow stiffly erect and are closely set with deep green foliage, which is broad and flatly spread. It is very hardy against the blight, rot or any other disease and a heavy yielder. Price: 3 lbs. 60c, prepaid. Peck 50c, bu. $1.50, bbl. $4.50, not prepaid.

BEAUFORT, MO.
Received the 7 barrels of seed potatoes promptly and in fine condition, am more than pleased with this order.
N. W. KEHANS.

I am well pleased with the Faribault Mammoth Price Potatoes which I ordered from you last year.
GUST. PLAUTZ. Random Lake, Wis.

Extra Early Bliss Triumph.

NOROTON BEAUTY OR QUICK LUNCH.
FARIBAULT
MAMMOTH PRIZE.

We consider this new Potato the most valuable of all our introductions, for it excels in great productivity and in choice table quality. It has distinguished itself as a perfect disease-resisting variety, never getting scabby, and on account of being of such a strong and vigorous growth, it is but little felled by the ravages of potato bugs.

The Mammoth Prize is, beyond doubt, the largest choice eating potato in cultivation. It is of an almost oval form, as shown in the illustration, and is of a yellowish-white color; is perfectly white fleshed and a grand cooler, retaining its floury whiteness even when cold. The potato is late in maturing and ripens with the Carman. Growers for the market will find another variety that is as productive and as profitable to grow as the Faribault Mammoth Prize. Price: 3 lbs. 50c, prepaid; Pk. 50c, bu. $1.25, bbl. $4.50, not prepaid.

RURAL NEW YORKER NO. 2.

Is a large, white-skinned variety, oval in form, and rather flattish; flesh is white and close-grained, solid and of the very best quality; it cooks dry and floury; eyes are few and shallow. The tubers are large and the smoothest and cleanest of all Potatoes grown. Although it is a large yielder, it grows but few and small vines. It is a very hearty and will stand the heaviest manuring without getting tough or scabby. Price: 40c, bu. $1.25, bbl. $3.75, not prepaid.

SECOND SIZED SEED POTATOES.

As we had a large fall trade on Seed Potatoes we have only limited quantities of a few varieties left, which we quote as follows:

<table>
<thead>
<tr>
<th>Variety</th>
<th>per bu.</th>
<th>per bbl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra Early Ohio</td>
<td>$1.00</td>
<td>$3.00</td>
</tr>
<tr>
<td>White Early Ohio</td>
<td>$1.10</td>
<td>$3.25</td>
</tr>
<tr>
<td>Extra Early Bliss</td>
<td>$1.00</td>
<td>$3.00</td>
</tr>
<tr>
<td>Early Noroton Beauty</td>
<td>$1.15</td>
<td>$3.45</td>
</tr>
<tr>
<td>Early Irish Cobbler</td>
<td>$1.00</td>
<td>$3.00</td>
</tr>
</tbody>
</table>

Please notice that we do not offer the above Second Sized Seed Potatoes are ordered and we should be sold out when we receive your order, we reserve the right to send the money’s worth in First-Grade Potatoes of the varieties ordered, unless otherwise specified in your order, or, if early enough in season, we will first write you.

The Potato received from you last year were certainly extra fine stock and I had the best of success with them. Thanks for good service.

FRED BENNER. Sedalia, Mo.

Your great Mammoth Prize Potato is a big yielder. From 1 peck I raised eight full bushels of the very finest potatoes. You can freely recommend them to any one.

R. A. BRUMMOND, Buffalo Lake, Minn.

Enclosed find my order($5.00) for seeds and plants. I have been a customer of yours for 25 years and have found your goods always of the very best quality. Thanks for my favor.

JOHN RABUSCH, Vermilion, S. Dak.

Sir Walter Raleigh.

Faribault Mammoth Prize.

SIR WALTER RALEIGH.

One of Mr. Carman’s latest and best introductions—a seedling of the Rural New Yorker No. 2. It must be acknowledged that Mr. Carman has originated some of the most popular varieties of potatoes now grown, the Rural New Yorker No. 2, and the Carman. Sir Walter Raleigh resembles the Rural in shape, but is a little more buff in color; the flesh is also whiter. It is from four to six days earlier than the Rural, and the tubers are more uniform with practically no small ones, every one being of marketable size. The variety greatly exceeds even the Snow Flake. It is the originator’s trial grounds it proved to be the best and heaviest cropper of 19 varieties. It is unquestionably the best of its type, being not only the finest eating potato, but also the heaviest yielder. Price, 3 lbs. 50c, prepaid.—Peck, 40c, bu. $1.25, bbl. $4.00, not prepaid.

The three bushels of your Faribault Mammoth Prize Potatoes I received from you I am very much pleased with them. A. W. CARPENTER. Chamberlain, S. D.
BOOKS ON AGRICULTURE, HORTICULTURE AND KINDRED SUBJECTS.

Every year we receive numerous inquiries from our customers for good practical books pertaining to agriculture, gardening, floriculture, husbandry and farming in general. We have this season devoted this page to a selection of the very best books of interest to the farmer, gardener and stock-raiser. Every one of these books may be considered as the best in its class and the price we ask is indeed very reasonable and in many instances far below the bookseller's price. We PAY POSTAGE.

Tobacco Culture. Full practical details by fourteen experienced growers in different sections of the country. Price .55c

Broom Corn and Broom-Making. A treatise on raising broom corn and making broom. 50 pages. Price .30c

Farm Blacksmithing. P. M. Drew. A complete treatise on blacksmithing written for farmers who want a workshop where they can learn these useful arts and by which they can make their own tools. Price .30c

Farmer's Account Book and Farm Record. Price $1.00

Lumber and Log Book. J. L. Schriber. Quick computation of measurement, weight, etc. of lumber in all forms. Price .30c

Irrigation and Farm Water and Dairy Management. Numerous hints and management to secure water for critical periods. Price $1.00

Tile Drainage. W. I. Chamberlain. Price .15c


Hunter and Trapper. H. Thrasher. The best methods of hunting and trapping are fully explained. Price .60c

Bants for Carpenters. A hand book for every day use. Price .60c

Plants and Outbuildings. A most valuable work, full of ideas, suggesting plans for construction of barns and outbuildings. $2.00

Evergreens and How to Grow Them. V. D. Harrison. A complete guide to the selection and growing of evergreens for pleasure and profit. Price .1.00

Palm Wind-Breaks and Shelter Belts. Samuel B. Green. Their formation, care and protection, and plans for placing, draining, irrigating and transplanting, etc. Price .30c

Practical Forestry. John Gifford. A very practical work. Price $1.35


The Key to Profitable Stock Feeding. Herbert Myrick. A colored chart of feeding and the value of principal food crops. Price .35c

Farmer's Veterinary Guide. Charles W. Cushing. A handbook which should be in every farm house. This book abounds in helpful suggestions and valuable information for the most successful treatment of all incidents, accidents and diseases troubles. Price $1.00

Modern Horse Doctor. G. H. Dodd. Improved and recent methods for preservation and restoration of health. 423 pages. Price .1.10

100 Questions and Answers on Swine Breeding. A book practically a complete veterinary work for swine breeders. Every farmer needs it. Price .30c

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Turkey, Ducks and Geese. H. A. Nourse and Geo. Hollard. This information will enable anyone to succeed in this work and save disappointment and needless loss of money. Price .55c

Simple Poultry Remedies. A book which describes the symptoms of each disease and disease is cured. This book contains 294 remedies without expense. Price .10c

THE FARMER'S READY REFERENCE BOOK. Contains 592 pages and every page of vital interest to the farmer, gardener, ranchman, dairyman, etc. Chapters on all departments of farm life, and each chapter written by an expert in his particular line. Send us your order for $3.00 worth of Seeds and a copy of this book will be sent you free of charge. All other premiums excluded. The supply is limited.

THE MICHIGAN WHEELBARROW SEEDER.

This seedler has all the good qualities that any other seedler has—yes, it has many superior ones. The wind may blow while you sow, because the seed is forced into the ground with the weight of the machine. The machine will not feel the effect of the seed, because this is controlled by an improved force-feed. It is as even, by far, as the hand sower and guessing as to whether the ground has been covered is out of the question. The depth of the seed placed in the furrow will be the same, because the seed placed in the furrow will be the same, because the seed passed over is evenly springted, as the seed has to fall but a short distance. There is no need of any adjustment of the machine to give out; it is built honestly and will last a generation if given proper care. The wheel is 13 inches in diameter and the tire is 1¾ inches wide. The Michigan Seedler will sow accurately Flax Seed, Millet, Clover, Timothy and other grass seeds. It is an easy matter to sow 50 to 80 acres per day with it. Price: 14 ft. machine $6.50—16 ft. machine $7.50. Weight of seedler 40 lbs.
These splendid tools have gained wide popularity within a very few years on account of their sterling worth and moderate price at which they illustrated catalog free on request.

**"STANDARD" GARDEN TOOLS.**

*"STANDARD" No. 9 Double and Single Wheel Hill and Drill Seeder, Cultivator, Hoe, Plow and Rake.*

A splendid tool with all latest improvements. Is easily changed from a double to a single wheel cultivator, and with the hill and drill seeder attachments embraces three practical tools in one. The tool will not only deliver seed in drills, but by shifting one part only, will drop in hills, 4, 6, 8, 12 and 16 inches apart. Seeder is driven when steel wheel 24 in. in diameter, making it work easily and carrying the tool in perfect balance. The handles are quickly adjusted to suit the height of the operator or to regulate the depth desired for the attachments. The equipment includes a double end shovel mold board with landside, combined sweep and rake. (Practically 5 tools.)

Price: Complete $10.75.

*"STANDARD" No. 11 Hill and Drill Seeder.*

This is tool No. 9 set up as a hill and drill seeder only, with other attachments. Seed planted with "Standard" is in perfect condition to cultivate to the best advantage after the plants are up. Price: $8.50.

*"STANDARD" No. 20 Single Wheel Cultivator.*

With this tool you can get your money's worth in a few hours' work, whether it be 1 acre, one acre or a garden only 25 feet square. Has a strong steel wheel 24 in. in diameter, making it work easily and carrying the tool in perfect balance. The handles are quickly adjusted to suit the height of the operator or to regulate the depth desired to run attachments. The equipment includes double end shovel mold board with landside, combined sweep and rake. (Practically 5 tools.)

Price: Complete $3.00.

*BARKER WEEDER AND MULCHER.*

This is the most practical, as well as the most up-to-date hand cultivator ever offered, doing far better work than any ordinary cultivator with small pointed shoes or toes. The Bailer is made on the principle of a lawn mower, the long, revolving blades working up the surface of the ground thoroughly, cutting the weeds and separating them from the soil, so that they are easily destroyed. There is only a steady forward motion of the Bailer, and no jerking back and forward. The work of this machine is also more effective, as no weeds can be missed and fine mulch is left over the surface of the ground which prevents the evaporation of the moisture. The Bailer Weeder is just the tool for the practical market gardener.

**BARKER WEEDER NO. 6.** Has 6 inch blades and is for use where rows are close together. Completely equipped. Price $4.90.

**BARKER WEEDER NO. 8 1/2.** This is the standard size for onion sets and general purposes in fields where rows are 18 to 24 inches apart. Weeds and mulches a strip 8 1/2 inches wide. Especially suited for home garden. Complete with leaf guard and tooth attachment. Price $8.60.

**BARKER WEEDER NO. 11.** Is especially adapted for use where rows are 24 to 18 inches apart. Weeds and mulches a strip 12 inches wide. Complete with leaf guard and tooth attachment. Price $7.35.

*"Standard" No. 4 Single and Double Wheel Cultivator.*

This tool is light weight yet strong enough to last a life time; can be changed in a minute from a double wheel, for cultivating astride the rows, to a single wheel, to cultivate between rows. With wheels 16 inches apart, and attachments the proper shape, a child can run the tool. When set up either as a single or double wheel, the wheels can be adjusted up or down to gauge the depth of work; the handles are also adjustable for height to suit boy or man. Equipment includes four shovels, one pair hoes, one pair diamonds, 1 pair rakes and 2 leaf guards.

Price: Complete $6.50. Without rakes and leaf guards: $5.75.

*"STANDARD" No. 2 Spring Beam Cultivator.*

This spring beam, double wheel tool is a great favorite with all who use it, owing to the fact that the attachments when in use are entirely under operator's control. The handles being bolted to the spring beams allow them to be moved to and from each other very easily. In cultivating plants in the ordinary manner it can be worked in and out between the plants, doing the closest work possible to be done with a wheel hoe. Arch clears the ground 15 inches and is adjustable in width from 5 inches to 11 inches. Wheels are 16 in. high, with 1 inch tires. With attachments as follows: 4 shovels, 1 pair hoes, 1 pair diamonds, 2 rakes, 2 leaf guards and 1 wrench.

Price: Complete $5.75.

*"STANDARD" Three-Shovel Attachment.*

Has three oval blades each 1 1/2 inches wide and 8 inches long, made and finished same as regular attachments. Will interchange and work on Standard No. 20 cultivator or on any of our single-wheel tools. Handily and does perfect work. A trial will convince you that this tool is a good one. Price 50c.

*"STANDARD" MIDGET SEEDER.*

A NEW SEEDER FOR SMALL GARDENS.—Will drill out clean a 5 cent package of seed just as well as a larger quantity. Will attach to any "Standard" single wheel cultivator, or to almost any make of single wheel cultivator having 5 1/2 inches or more space between the shank and 11 inches with one bolt in the same place and same manner as the cultivating tools. For use in close quarters, in beds or against a fence, or where it is not convenient to use the seeder attached to a culti- vator, the frame, a short wood handle can be fitted to the seeder and used in this manner. Will drill almost any kind of garden seed from the smallest up to peas and beans. While the hopper holds one pint, it will handle and drill out clean a 5c package of seed just as well as a larger amount. An index naming several different varieties of seed is in plain view on top and no trouble to adjust. The shoe is adjustable for any depth desired and the cover swings so that small cobs or a little trash does not interfere with its work. This seeder is suitable for the man who is not a small home gardener and just as useful and efficient as a garden plow. It is entirely set up and ready for use when it leaves the factory and the only thing necessary is to bolt it to the plow frame. It has but few parts and the necessary adjustments are easily made. If you have use for a garden plow you have use for this seeder attachment.

The Standard No. 20 cultivator with the Midget Seeder makes an ideal tool for the home garden.

Weight when packed 8 pounds. Price only $2.50.
"PLANET JR." FARM AND GARDEN TOOLS.

Space will not permit our showing and describing all of the "PLANET JR." Tools, but we will send a fully illustrated catalog free for the asking to any who desire it, and we can supply promptly anything ordered. "PLANET JR." goods are well known machines, the best on the market. In sending your order to us, you can rely on getting bottom prices.

"Planet Jr." No. 1, Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow.

This admirable tool combines in a single implement a hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator and a plow. It holds two quarts, and as a seeder it sows in continuous rows, or drills in hills at 5 different distances. The drill is detachable and the tool frame sublimated by removing but one bolt. It is useful almost every day during the season, at every stage of garden work.

Price: Complete $10.50.—As a drill only $8.50.

"Planet Jr." No. 12, Double Wheel Hoe.

This perfect wheel hoe is invaluable for use in all small crops. Its variety of uses for work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has eleven-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustments and can be set at three different heights. Complete equipment consists of one pair 6-inch hoes, two pairs of hollow steel cultivator teeth, one pair of plows and one pair of leaf lifter.

Price: $6.50.—With rakes 75c a pair extra.


This tool is the No. 12 with the six-inch hoes only, these being the tools that are most generally used. Any or all of the other tools may be added at any time.

"Planet Jr." No. 16, Single Wheel Hoe, Cultivator, Rake and Plow.

This implement has a pair of 6-inch hoes, three cultivator teeth, one 7-inch rake and a large garden plow and leaf guard.

Price: Complete $10.50. Set of rakes 75c extra.

"Planet Jr." No. 17, Single Wheel Hoe and Cultivator.

Same as above, with a pair of hoes and 3 cultivator teeth only; the lifter is also included.

Price: $4.00.


The arrangement of teeth prevents open furrows next to the row and leaves the ground in beautiful shape. For finishing a wide row at one passage it is much superior to any other cultivator. This is a very good tool and at the low price we ask, it is a bargain for anyone.

Fitted with cast wheel, deduct 25c.

Price of 7-tooth attachment only, to fit any other horse cultivator, $1.65.

"Planet Jr." 12-Tooth Harrow, Cultivator and Pulverizer.

This tool has rapidly gained in favor with strawberry growers, market gardeners, truckers and farmers because the twelve chisel-shaped teeth do such thorough work, and because the tool is so conveniently simple and strong. The teeth and pulverizer leave the ground in the finest condition, and the operator can set the tool exactly to any depth desired. The implement works with ease, yet holds the tool thoroughly rigid.

Price: Complete (with lever wheel and pulverizer) $8.00, without pulverizer $6.50, without pulverizer and wheel $5.50.

"Planet Jr." No. 1, Combined Drill Seeder and Wheel Hoe, Cultivator and Plow.

This has long been the most popular combined tool made. From a drill it is changed to other uses by removing two bolts, when hoes, etc. can be quickly attached. It is an excellent seed sower and single wheel hoe. It is an every day saving machine and a proving for getting backache.

Price: $9.00.

"Planet Jr." No. 3, Hill and Drill Seeder. $10.00.

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also in hills in hills of 4, 6, 8, 12 or 15 inches apart. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seeds in the thickness desired. The accurate hill drill, which gives a regular stand of plants with the least seed, has its cost over and over in seed alone. It is fitted with 15 inch steel driving wheel. The hopper holds three quarts. The special force feed works equally well, whether sowing with only one hand, or for long hours. We guarantee this drill to be more accurate than any other made and to give entire satisfaction.

"Planet Jr." No. 23, Combined Hill and Drill Seeder and Double Wheel Hoe. $15.00.

This new combined machine is intended for a class of gardeners who have a large enough acreage in crops for a double wheel hoe to be used to good advantage, and yet prefer not to buy a separate wheel hoe. A hill drill is almost identical with No. 4, and as a hoe it is the same as No. 12. The change from drill to hill drill can be done in a moment, and the entire combination is one we can recommend. This drill is as good for drills any thickness or drop in hills as 4, 6, 8, 12 or 15 inches apart; it is very accurate in planting but is very fast. The special force feed works equally well, whether sowing with only one hand or for long hours. Two acres a day can easily be worked with this implement. The simplicity of this tool, both as a seeder and as a wheel hoe makes the combination thoroughly practical.

"Planet Jr." No. 11, Double Wheel Disc Hoe, Cultivator and Plow.

This new tool will give excellent satisfaction. There are 2 discs on each side, which may be all used at once, or one or two on a side, as preferred. With the disc lifter the work can be done without danger of injuring the plants. Discs are adjustable for depth and height of from the row. The set of Prong Cultivator Teeth will be found invaluable for general cultivation. The plows are used for furrowing and for covering, for plowing away and plowing back. A splendid tool. The frame is all steel. Two acres a day can easily be worked with this implement.

"New Ideal Garden Cultivator."

Two machines in one—the most practical of all garden tools. Built strong and durable yet light enough for a child to operate. No more backaches bending and weeding the garden, will do his work as fast as six men with a hoe. Made entirely of steel it weighs only 80 lbs. It is adjustable to the needs of the market gardener, and yet so light and easy to operate and so inexpensive that it would be especially adapted to the small home gardener. Our low price no one should be without this tool.

NEW IDEAL Garden Cultivator. Two Tools in one. Our Special Price $3.25.
THE NEW ANTI-KLOG SPRAYER.

Guaranteed to Give Entire Satisfaction and Guaranteed for Five Years Against Breakage.

Highly efficient for all spraying purposes. Convenient and practical for use in Orchard, Garden, Conservatory, House, Barn and Chicken Yard. It is without question the most successful machine of its kind now on the market. It is well constructed and at the same time so constructed that you will not experience any trouble with this machine. The Anti-Klog is the one practical, convenient and effective hand sprayer for both general and specific spraying purposes. These parts and parts to get out of order or get wrong. It is always ready for use. The Anti-Klog ends all spraying troubles. It excels at all points where difficulties are encountered with spraying devices. The Spray Nozzle makes it difficult for any mixture, even heavy whitewash, to clog up the orifice. The Anti-Klog nozzle construction alone makes it worth much more than any spraying machine of its size that is sold—only in the Anti-Klog can you buy this construction.

THE ANTI-KLOG GUARANTEE: We Guarantee all our Sprayers to be mechanically perfect. We warrant every one of them to be free from defects in material and workmanship. Any part found to be defective will be replaced without charge. Any part which breaks with reasonable usage, within five years from date of sale, will be replaced without charge—and we will leave it entirely with the user to say whether the part broke under reasonable usage or not. All we ask is that you be sure it is broken. Always write us before returning any part.

The Anti-Klog Sprayers are made of special heavy triple galvanized steel which will withstand the acids used in the various spraying mixtures in a most satisfactory manner. We can also supply brass sprayers, if preferred.

All Anti-Klog Sprayers are furnished with the Mystic Nozzle, a wide adjustable tips for the Mystic Nozzle and three feet of special high pressure, acid proof, three ply hose, with nozzle attached and shoulder straps.

PRICES OF THE ANTI-KLOG SPRAYER AND ACCESSORIES.

3 gallon steel Anti-Klog Sprayer, complete...$6.00, not prepaid.
8 gallon steel Anti-Klog Sprayer, complete...$8.00, not prepaid.
Two foot Extension Rod (brass)...$0.50, not prepaid.
Anti-Klog Whitewash Nozzle...90c, not prepaid.
Anti-Klog Bordeaux Nozzle...$1.00, not prepaid.
Anti-Klog Mist Sprayer Nozzle...$1.00, not prepaid.
Extra Length of Hose...per foot 20c, not prepaid.
Metal Hose...per foot 40c, not prepaid.

COMPRessed AIR SPRAYER.

Very similar to the above machine in construction and in handling for spraying. Well made of heavy brass, holds 3 gallons, works easy and will give best satisfaction. Price: $6.00, not prepaid.

THE MYSTIC SPRAYER.

Just the thing for the garden and house plants. These sprayers work to perfection and are sure to give satisfaction. All brass spray and will not rust. The best brass sprayer for applying liquids and insecticides to poultry houses and live stock. Price: Brass Sprayer 85c—Same sprayer made of tin, 60c, not prepaid.

THE CYCLONE HAND SEEDER.

A machine which should be on every farm, as it is a great labor saver, taking the place of a large grain or seed drill. It is simple, light and portable, and with ordinary care will last a life time. It will sow Timothy, Clover, Millet and Grass Seeds of all kinds as well as Flax, Wheat, Rice, Oats, Buckwheat, Turnips, Corn, Bone Dust, and all other seeds and fertilizers perfectly even. Any desired quantity, from one quart to three bushels, can be sown per acre by following the directions on every machine. This seeder will pay for itself in the saving of seed and labor in the first year, and is substantially built and will last a lifetime. Fully guaranteed to give satisfaction. Weight 4 lbs. Price: Only $1.50.—This seeder we offer at a premium with $20.00 worth of Clover-Grass Mixtures ordered from pages 17, 18 and 19, at Catalog prices.

THE "RAPID" PLANT SETTER.

The only hand mechanical plant setter on the market.

It is built on scientific principles throughout. Its conical jaws are made of heavy sheet steel and the main body or water reservoir and pipe tube of heavy tin plate. The water valve is of brass with rubber tubing for shutting the water on and off. The machine is well put together and will stand for years. No spoiling when using it, therefore no lame back. All kinds of plants such as Cabbage, Tomatoes, Cauliflower, Strawberries, Potatoes, Sugar Beets, etc., are set in water and covered at one operation. The plant roots are put down to the proper depth below the surface where the ground is cool and damp. You never have to wait for a shower; plants may be set out when large enough, regardless of the weather. It makes the ground may be. Every farmer and truck grower should have one. Any man with very little practice can easily set out 7,000 to 10,000 plants each day. Our planter maintains a record of over 888 plants to each 1,000 set. Shipping weight 7 lbs. Price: $3.75, not prepaid.

NORCROSS CULTIVATOR HOES.

The most useful of all garden tools. "Norcross" Cultivator Hoes and Weeder are like a human hand, the fingers of which work carefully around the delicate roots of plants very closely without injuring them, thus leaving no depth and leaving at level and loose without a footprint upon it. The middle prong is remodeled and rows strucked. No other hand or garden tool embraces so many features. The prongs are made of best spruce steel, and are detachable. The "Norcross" is the only Cultivator-Hoe having a detachable handle. The handles can be used as a head for the companion and the Cultivator-Hoe used as a wheel hoe attachment. This tool will be greatly appreciated by every farmer and owner of a garden. Price: 5 prong tool 75c, weight 3 lbs. — 3 prong tool 50c, weight 2 lbs. — Midget Weeder, 3 prongs, short handle, 25c each. 

KILL - EM - QUICK — DEATH TO THE GOPHER.

It Kills Gophers. It's the only way—ou can't trap or shoot enough to make any impression on the increase. But Kill-Em-Quick Gopher Poison will clean them out in a day. Its odor attracts them. The slightest whiff of it eats the gopher. It's the absolutely sure way to destroy gophers, prairie dogs, squirrels, mice, etc.

Kill-Em-Quick is the most economical to use. It's the safest. There's no danger in preparing, -simply getting the gopher to the drain tube the next morning, pour the box of Kill-Em-Quick Powder in to the drain stably, then drop a few kernels of grain into their holes. Next day every gopher in your field will be dead. Or, if you want to collect a bounty drop the grain 4 or 5 feet from the holes. No gopher will ever travel 4 feet after eating Kill-Em-Quick.

We unservedly guaranteed that Mickey's Kill-Em-Quick is not only the cheapest gopher poison you or any other man can use at any price. Kill-Em-Quick comes in two sizes: enough for 40 acres and 80 acres; enough to kill 1,000 and 2,000 gophers each, backed by a cash guarantee. Full satisfaction or money back. Price: Two sizes, 50c and 75c, prepaid.
INSECTICIDES AND FUNGICIDES.

The man who sprays his fruit trees, small fruit plants and potatoes intelligently is the one who will have the bumper yield to send to the market. The large increase in the world's demand for fruits and vegetables has made it necessary to spray both trees and plants as well as potatoes throughout the country. The farmer makes it absolutely necessary for the farmer and grower to protect his crop by the proper use of insecticides.

Prices quoted on this page are not prepaid. Items quoted by the pound can be send by parcel post if postage is sent according to the zone system. Be sure to allow extra postage for weights.

HERMANN'S TONICIDE.

The ideal spraying mixture for fruit and shade trees, berry bushes, tomato plants, potatoes, etc. Every farmer and gardener needs this and will find "Tonicide" a far superior article than anything else heretofore used. The grower has passed when the potato grower and general truck gardener is satisfied with a spray material that merely kills thrips and prevents blight. The progressive grower in these days is looking for increased profits.

Price of Blue Label Tonicide: 10 lb. $2.00, 5 lb. $1.25, 1 lb. $0.30, not prepaid.

Price of Red Label Tonicide: 100 lb. $17.50, 50 lb. $9.25, 25 lb. $5.00, not prepaid.

BORDEAUX MIXTURE.

This is the greatest remedy against potato blight which so often destroys our potato crops. The first sign of blight is when the leaves begin to curl and get yellow spots which spread quickly until the entire plant is wilted, before the potato blight can be stopped entirely by the Bordeaux mixture. Bordeaux sprays also prevents mildew and other fungi on small fruit. By adding Arsenate of Lead to the Bordeaux mixture it can be used for apples and pears. Thoroughly mix the Bordeaux mixture, stir well, and the spray is ready. Bordeaux mixture is diluted 25 to 50 times with water. Full directions with order.

Price: 1 quart can 40c, 1 gal. can $1.00, 5 gal. can $4.50, not prepaid. If shipped along with other plants, 10c per box up to 50 gallons of water. If shipped alone or for box only, 5c per box up to 50 gallons.

ARSENATE OF LEAD.

This is a general insecticide for all leaf-eating insects and is superior to other poisons because it contains the arsenic in exactly the right proportion and the proper chemical combination, thus insuring a material that will not search or injure the foliage or harm the fruit to insects feeding on the leaves. It is extremely easy to mix with water and will combine readily with Lime Sulphur and Bordeaux mixture. Very effective on account of its assertiveness. On small fruits and shrubs use 2 to 3 pounds to every 50 gallons of water.

Price: One pound 25c, 5 lb. $1.00, 10 lb. $2.75, not prepaid.

PARIS GREEN—A poisonous powder, indispensible on the farm or garden for preventing the ravages of potato bugs, codling moth, worms, caterpillars, slugs and bugs. Applied as a powder on plants and shrubs it should be mixed with water or flour. Applied to flowers, gardens, greenhouses, and seeds is a sure method of getting rid of pests of the ground. A good wash for the garden and house.

Price: Half pound 16c, pound 25c, 5 pounds $1.25, not prepaid. Write for prices on larger quantities.

SULPHUR SOLUTION.

This is an excellent wash for trees and plants where insects and eggs affect the bark. Also smeared on trees to prevent worms chewing the foliage. 1 lb. carton $25c, 5 lbs. bulk $1.00, not prepaid.

SLUG SHOT, HAMMORD'S—A combination of the most potent insecticides and soluble plant foods. It destroys all insects injurious to house and garden plants, shrubs, trees, vines, potatoes, tobacco, etc., as well as small fruit plants; the poisonous to insects, does not injure the foliage in the least.

Price: 5 lbs. 40c, 10 lbs. 75c, 25 lbs. or more at 60c per lb., not prepaid. 25 lbs. or more at 60c per lb., not prepaid. 50 lbs. or more at 50c per lb., not prepaid. 100 lbs. or more at 45c per lb., not prepaid.

SULPHO TOBACCO SOAP—A cheap, effective and harmless insecticide, quickly exterminating all insect life on plants and flowers, and in and out of doors and acts as a valuable fertilizer, reviving plant life. Kills the house-cricken, hens, and roosters for drinking purposes. A pound of cake, 2.50c, sufficient for 15 gallons of water. For sale at post offices.

Price: 5 lb. 25c, 10 lb. 50c, 25 lb. or more at $1.00 per lb., not prepaid. 50 lbs. or more at 90c per lb., not prepaid. 100 lbs. or more at 85c per lb., not prepaid.

HELLEBROE, Powdered—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green. For the protection of young fruit plants, perennial shrubs, currants, and currant leaves. Can be used as a powder or dissolved. 1 oz. in 3 gallons of water.

Price: Lb. $2.50, 5 lbs. $1.00, 10 lbs. $1.75, not prepaid.

FLOWERS OF SULPHUR—This is a very effective and at the same time an inexpensive remedy against lice on chickens and other fowl. A little of this mixed with the feed will keep chicken free from lice. The fumes of sulphur scattered on a shovelful of burning coal kills insect life and disease germs. Price: Lb. 10c, 10 lbs. 75c, 25 lbs. $1.00, not prepaid.

TOMATO DEPT.—Destroys white bugs, lice, cut-worms, vine bugs, tomato worms, currant worms, cabbage lice and parasites of all descriptions. Should be applied when foliage is wet. Also used as a fertilizer for plants and vines causing a healthy, vigorous growth. Price: Lb. 10c, 5 lbs. 40c, 10 lbs. 75c, 100 lbs. $4.00, not prepaid. 250 lbs. or more at 35c per lb., prepaid. 500 lbs. or more at 30c per lb., not prepaid.

FUMIGATION—A mixture for treating, poultry, sheep, and plants and trees. It will destroy the Mealie Bug, Squash Bug, Oyster Shell Scale and all insects taking their nourishment openly so as to be within reach of actual contact with insecticide. It is put up in one-gallon form, and diluted with water from 10 to 30 times its bulk. Apply with a spray. Price for 1 gallon 40c, one gallon can $1.00, not prepaid.

LIVE STOCK TONIC—This preparation consists entirely of matter such as medicinal herbs and roots in form of powder, compounded in the right proportion to rid digestion, purify the blood, and to keep the body in a healthy condition. It is a tonic, appetite, and appetizer, and helps to build bone and muscle, and increases the weight of live stock. Under proper use a compound, run down stock, stock will gain weight, bones and muscles will be developed, and horned cattle can be horned at a much earlier age.

Price: 5 pounds 75c, 10 pounds $1.20, 25 pounds $2.50, 50 pounds $4.00, not prepaid.

HUMANE? DEHORNING PENCIL.—To dehorn calves makes them more gentle, they can be fed in a much smaller space, and it tends to increase their value in the market. The manufacturer will sell for 75c for 10 heads. Saw horns off of cattle is barbarous, and it should be stopped. The dehorning can be done with this pencil and be done when 3 to 20 days of age, or as soon as the animal is strong enough to drink milk. Each pencil is composed of 20 dehorners or one of each size. It is not to be considered a permanent method of dehorning. Price: $2.00 per box of 100, prepaid.

GARDEN TROWEL.—An indispensable tool to everyone who has a vegetable and flower garden. The "Red Leather" trowel is extra heavy, strong and durable. Each pencil of 100 is 60c, not prepaid. Weight 1 pound. For garden work. Price 60c, prepaid.

Calf Dehorned With Dehorning Pencil.
The Faribault "Double Wall" Incubator.

Our Faribault Incubators are built of first class solid Redwood, well seasoned and thoroughly kiln dried, and bolted together. The ends are fitted with galvanized chimney and metal window. There is absolutely no danger of explosion or catching fire with our safety lamp. The lamp is always light without removing lamp or chimney.

**THE NURSERY—**A nursery for the newly hatched chickens is fitted under the egg trays of our Faribault incubators. Here the chicks can be housed, warm and comfortable for 30 hours before introduction to the regular incubator. The chicks are kept out of the oven for the first half hour after hatching, and introduced to the hatchery while they are still warm, to prevent any loss. The chicks are housed in the incubator until just before the time for introduction to the brooder, and are then introduced to the regular incubator.

**REGULATION—**We use the public Hydro Wafer Regulator on our Faribault incubators. This is an entirely new and reliable system of regulation. It is easily adjusted and positively regulates the temperature to within a fraction of a degree throughout the entire period of incubation.

**CAPACITY—**We make two sizes, 120 and 240 respectively, eggs capacity. The most practical size to buy is the 240 egg machine, even though you want to hatch but 50 or 100 eggs, it has been proven that the large machines give the better satisfaction, especially in regard to regulating and ventilating. However, both machines are equipped with all the improvements that make the "Faribault" machines so popular.

**PRICES—**You can't buy a better incubator than the "Faribault" but you can pay a better price for a poorer incubator.

- **No. 1—Capacity 125 eggs, weight grated 100 pounds —-**$12.50.
- **No. 2—Capacity 250 eggs, weight grated 140 pounds —-**$18.00.

**NOTICE—**We furnish with each "Faribault" incubator the following parts:

- One egg tester
- Egg trays.
- One safety lamp, heavy brass burner.
- Oil burner.
- Screen
- Curtain
- Window.
- Top weight.
- Inner weight.
- 100 lbs. case
- 200 lbs. case.
- One mica plate.
- One large glass thermometer.
- One small glass thermometer.
- One large galvanized chimney.
- One large iron roof.
- One mica plate.
- One small glass thermometer.
- One large galvanized chimney.
- One large iron roof.
- One mica plate.
- One small glass thermometer.
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THOROBRED POULTRY.

No man can have a real farm without chickens and no progressive farmer can afford to have any but pure-bred stock. The foundation strains of all our flocks are what we consider the best to be had in the whole country; we have not spared expense and some of our breeding pens have cost us as well upwards of a hundred dollars. While we have tried to breed birds that would make winners in the show room, and have succeeded as our ribbons demonstrate, we have never lost sight of the fact that the mission of the chicken is first to lay eggs, and the breeding of layers is our first aim. We have succeeded in that too and the weather is never too cold for our hens to furnish the table with fine large eggs.

All orders for stock or eggs must be accompanied by checks. We do not ship eggs before March 15th, as satisfactory fertility from any flock is questionable before that time. Every care is used in collecting and packing eggs for hatching against chilling or breaking, and we deliver orders in best condition to express company, the customer to pay charges, in matter of fertility, we will replace all orders at one-half price where there are five or more clear eggs in a setting (15 eggs) on the 10th day of incubation.

CRYSTAL WHITE ORPINGTON.

This fine large fowl is in great demand at the present time and is considered to be one of the very best and most extensively bred. They have single comb, flesh colored legs and skin. The Orpingtons are an excellent general fowl. They are next to the non-sitting varieties for layers and produce the winter eggs better than any other breed. They are good sitters, yet not persistently broody. Chicks are hardy, active and easy to raise. They make excellent roasters and are splendid for broiler purposes.

Eggs from "Utility" pen, $2.50 for 15, $6.25 for 50 — Eggs from "Select" breeding pen, $4.50 per 15.

BUFF ORPINGTON.

These fowls are similar to the White Orpingtons, but are buff through and breed true to color. They are excellent layers. Price same as White Orpington.

SINGLE COMB RHODE ISLAND RED.

A beautiful American breed which has in a comparatively short time become one of the most popular. They are of good size and produce excellent setters — in fact were originated for laying purposes only, and afterwards bred up to their present rich coloring. A lover of know do. Our flocks are very large, they are great layers, very healthful, easy to raise and to take care of. breeding pen, $3.00 per setting of 15.

WHITE WYANDOTTE.

This recognized dual-purpose fowl is one of our best layers and is raised more for broilers and roasters than any other, as they grow fast and are attractive on the market. The Wyandotte hens are fine setters and persist in laying during the cold weather as well as in the spring. They are gentle and close in habits and are therefore fine for the small run or city lot, also that are more better for the farm. The pullets mature early and produce the eggs.

Eggs from Utility pen, $1.75 for 15. — Eggs from Select breeding pen, $2.50 for 15.

BARRED PLYMOUTH ROCK.

This old stand-by breed hardly needs a description, except to state that there is a vast difference between the so-called Plymouth Rocks too often seen, and the thorobred with its true blue, even bars and perfect shape — the result of years of careful breeding. Their large size and quality egg production has made them the standard general purpose fowl. Eggs from Utility pen, $1.75 for 15, $4.50 for 50.

WHITE PLYMOUTH ROCK.

They are a strong rival of the Barred Plymouth Rocks. In the combination of profitable table hens and egg producers they are highly commended. Easily restricted and quiet, their pure white plumage and bright yellow legs make them very attractive. Eggs from the Utility pen, $2.00 for 15 — Eggs from Select breeding pen, $3.25 for 15.

SINGLE COMB BROWN LEGHORN.

This active, compactly-built fowl holds the title of "egg machine" everywhere, and rightly so, for being non-setters, they waste no time, but lay continuously the year around the time the pullets are five months old. They grow rapidly and require minimum feed and care. They are very hardy and mature early, making excellent table fowls of good weight.

ANCONAS — Mediterranean.

In introducing Sheppard's Famous Anconas we need to say very little beyond the fact that this is the only breed of chickens that ever succeeded in laying more eggs per hen than any other in laying of the Leghorn varieties. We have an authentic record of one of Mr. Sheppard's flocks which averaged 360 eggs per hen in one year. The 360 egg hen is still the aim of many poultry keepers but here is one that goes far ahead even of that. The Anconas are a beautiful bird, a true, large, and better than the other Mediterranean breeds, a black body with every fifth feather tipped with white, red comb and wattles with white ear lobes, very erect in carriage, skin did 'rustier' for food but doing equally well in confinement. Eggs from Utility pen, $2.50 for 15.

WHITE LEGHORN — Large Strain.

Resemble the Brown Leghorns very closely except in color and they are somewhat larger in size. They begin laying when about four months old and if properly attended to will furnish eggs all winter and summer. They have beautiful white plumage. Eggs from Utility pen, $2.00 for 15, $5.00 for 50.
Poultry Supplies and Remedies

Our Balanced-Ration Poultry Foods—These prepared poultry foods contain only those sweet, sound grains, which will be eaten upon clean and with a relish by all poultry, mixed with the right proportion of charcoal, ground bone, shell, etc., to balance the food in order to digestion and produce the best results. We find that it pays to feed a balanced ration, even tho it may seem a little higher in price than screenings, etc., when you figure it down to the real cost of feeding per chick or per pound eggs, the balanced ration foods will be found cheaper and pure productive of desired results and in the shortest space of time. We put up our Balanced-Ration Poultry Foods in two mixtures, "Fine" and "Coarse". They contain the percentage of protein required and are very reasonable in price, considering the high prices of all feed stuffs.

Balanced Ration Poultry Food, "Fine"—For little chicks. 25 lbs. 75c, 50 lbs. $1.15, 100 lbs. $2.00.
Balanced Ration Poultry Food, "Coarse"—For growing chickens & laying hens. 50 lbs. $1.00, 100 lbs. $1.85.
Balanced Ration Baby Chick Food—to be fed from 3 days to 4 weeks. This is what your chicks need—get them started right. A wholesome, properly balanced food which will nourish the chicks, making them strong and healthy. 10 lbs. 35c, 25 lbs. 75c, 50 lbs. $1.25, 100 lbs. $2.25.

Balanced-Ration Poultry Mash
A carefully selected mixture of ground feed, manufactured from the choicest, sound, sweet and wholesome grain, and especially desirable for preservation of eggs. 10 lbs. 35c, 50 lbs. $1.25, 100 lbs. $2.25.

CRUSHED OYSTER SHELL—The great bone producer and natural grit. The best stone feed. Acts as a tonic to the egg producing power of the hen, as it is almost pure carbonate of lime. 100 lbs. sack 70c.

CRUSHED CHARCOAL—Keeps fowls in healthy condition, purifies the blood, digests digestion. Two 25 lbs. coarse and fine. 25 lbs. 75c, 50 lbs. $1.25, 100 lbs. $2.25.

Conkey's Roup Cure.—An excellent remedy that has been successful for many years. Used in time, it will always effect a cure.

Conkey's Scaly Leg Remedy—Very effective, keep it on hand at all times. 30 cents. postpaid.

Conkey's Lick Powder—For dusting fowls and in nestlings nothing so effective. Rids your fowl of these pests and they can use their energies for your profit. For lice or fleas on cattle, sheep or dogs. 15 oz. pkgs. 25c, 3 lb. package 50c. Not prepaid.

Conkey's Black Head Remedy—Price 50c, postpaid.

Conkey's CO-A—For all forms of inflammation and cholera. Placed in drinking water. Directions on box. Two sizes, 25c and 50c. Postpaid.

Conkey's White Diarrhea Remedy—Very successful, both as remedy and preventive. We advise using this with all incubator chicks as an extra precaution. Easily given as it is in powder which is mixed in the drinking water. 50c, postpaid.

Conkey's Poultry Tonic—For fowls run down, off feed, recovering from disease or during moulting season. Not a food but a medicinal preparation. Keeps hens in the best laying condition. Price 35c and 75c, per package.

Sanitary Two Piece Drinking Fountain—Furnishes a constant supply of fresh water which chicks cannot overturn nor get into. Fount is well made of 28 gauge galvanized iron, value of which is complete - prevents all edges from rusting. No parts to get out of order. 2 qt. capacity, each 25c, 4 qts. each 45c, not prepaid.

Sanitary Drop Bottom Fountain—Made of 28 gauge galvanized steel. Easy to clean and clean out. Keeps from contamination. One hand holds the fountain over the water, the other hand, and the bottom swings easily open on the "always free from rust" brass hinge rod. The most sanitary fountain on the market. One gallon size. Each 60c, not prepaid.

Sanitary Round Bottom Dry Food Hopper—The round bottom of this food hopper keeps dry mash or beef scraps easily within the reach of fowls. Because of this feature the food hopper will last longer and keep a wholesome state, while the ordinary style hopper, so far as I know, does not do this. It is so formed that it can be closed during the forenoon, which is generally desired by poultrymen. Made of galvanized steel, with all turned edges galvanized green to prevent possibility of rusting. Capacity 8 quarts, each 75c, not prepaid.

Sanitary Round Bottom Grate and Shell Box—Most grit and shell boxes have square bottoms, while this grate and shell box has a round bottom, which prevents the accumulation of shell and grit in corners. The grate swings easily on a floor rod and hangs on wall. A winner for 50c. Capacity 5 quarts. Each 50c, not prepaid.

Sanitary Chick Feed trough—The only round-bottom trough made. No trouble to keep clean. Easy to clean out. Held the fowl longer and eggs produced. Can be found in other troughs. The grate also serves as a handle, and is so slanted that the chicks cannot roost on it. Size 20 inches, capacity 4 quarts. Each 50c, not prepaid.

Sanitary Brood-coop—Rain, sun, dust, vermin proof. A complete home for the hen and her brood. Every poultryman and every farmer especially will easily see the merits of this brood-coop and will want at least one of them. Made with removable bottom for sanitation. Three swinging doors, one for ventilation only, one to keep the hen inside and give the little chicks their liberty and one for absolute protection against animals and weather. Made of heavy galvanized iron in collapsible form to ship, and easy to set up. Size 16x24x16. Each $1.85, not prepaid.

Philadelphia Poultry Remedy—Well made, with steel spring and copper, nickelplated. 25c each postpaid.

Farmers Caponizing Set—Poultymen can double their profits by Caponizing. The operation is simple, the instructions are so full and explicit that any man, woman or child, after careful reading, will be able to perform the operation. It is highly successful from two points of view. The demand for Capons far exceeds the supply, the price per pound being twice as much as for ordinary chickens. 25c prepaid.

Diamond Egg Boxes—Cheapest and Best, Lightest and Strongest. Saves you money in cost, time, safety, weight, etc. DEAR: For the Diamond Egg Carrier is something new. The peculiar construction of the box in which the shells are placed, enables the Carrier to handle very large eggs, but still retaining great strength. It is easily put up. A child can play with it and pack the eggs. If properly packed, the Diamond Egg Carrier can be dropped a distance of 6 feet and not harm the eggs. Extra wrapping necessary. Price 25 for $3.35, 30 egg size, per doz. $2.90, 25 for $5.80. 50 parcel post boxes: 12 egg size, per doz. $1.25, 25 for $2.45; 24 egg size, double strength per doz. $2.00.
NEW PREMIUMS AND SPECIALTIES.

GIVEN TO OUR CUSTOMERS.

We have added several new premiums this year which we feel sure will be appreciated by young and old. With a little effort on your part, you will be able to secure one or more of these premiums. Should your individual order not be large enough to secure the desired article, call on your friends and neighbors and get their orders. You will be well repaid for your efforts by the high grade premiums we are offering.

HOW TO CLASSIFY YOUR ORDER.

CLASS 1—Consists of Vegetable or Flower Seeds in packets, ounces, half-pounds and quarter-pounds. All collections are excluded.

CLASS 2—Means an order for our Clover-Grass Mixtures as listed on pages 13, 14 and 15.

CLASS 3—Will include Seed Grains, Seed Corn, Seed Potatoes and bulb Garden or Flower Seeds not classified above.

You will be well repaid for your efforts by the high grade premiums we are offering.

Supertone Hornless Phonograph.

NOTE—Allots, Timothy and Chrevres are not included in the above classes and no premiums can be allowed on these seeds. Nor can we allow premiums on special offers or quotations, on orders of any class.

Supertone Hornless Phonograph and One Dozen Records.

Here’s a premium really worth striving for. A strictly high grade Talking Machine equal to any $20.00 retail machine on the market. Mechanically perfect and finished in fine mahogany. Will play two to six-inch records without rewinding, plays Victor, Columbia or Little Wonder Records. Size: 12 x 12 x 3 1/2. There is bashes of fun in this machine for young and old.

See how easy you can get this wonderful machine, together with one dozen selected Little Wonder records and a package of needles—really a $20.00 value.

AS A PREMIUM—With a $10.00 order of Class 1 and $5.50 cash; with a $25.00 order of Class 2 and $5.00 cash; or with a $50.00 order of Class 3 and $5.00 cash.

Home Comfort Reed Rocker.

Just the thing for any home—never have too many good easy chairs. This is the best bargain we ever offered and we are making it easy for our customers to secure this desirable rocker. It is made of best German red—very neat pattern, large and roomy, has heavy roll top and sides. Seasoned rock elm frame. Maple runners, seat strong and pliable, fully shelledacked. Weight 15 lbs. Can be had in natural, green or gold-brown finish. Price $3.50.

AS A PREMIUM—With a $10.00 order of Class 1 and $1.25 cash; with a $20.00 order of Class 2 and $1.10 in cash; with a $30.00 order of Class 3 and $1.00 in cash.

Reliance Silver Chest, 26 Pieces.

Guaranteed for twenty-five years. This beautiful Bridal Wreath pattern is made by the famous Oneida Community Co., which is an assurance of the highest quality on the market. The set consists of six knives, solid handles; six forks; six teaspoons; six tablespoons; one sugar shell; one butter knife. All finished in French Gray and packed in a neat, hard cardboard box. Price $5.90.

AS A PREMIUM—With a $10.00 order of Class 1 and $5.75 cash; with a $25.00 order of Class 2 and $4.50 cash; with a $50.00 order of Class 3 and $4.00 cash.

KEYLESS WONDER PADLOCK.

No keys to carry, lose or worry about, works like a safe, safe as a safe, can be worked in the dark, with mittens on. Whole lock consists only 8 parts, no keys required, absolutely dependable. Cannot be picked. Price 85c. prepaid.

AS A PREMIUM—Free with a $5.00 order of Class 1, a $8.00 order of Class 2, or a $12.00 order of Class 3.

UNIQUE GARDEN SET.

Just the thing for the garden and flower lovers. The five essential tools—every one needs, consisting of hoe, sickle, weeder, trowel and turf trimmer—all of the finest steel. This is a very practical tool in every respect. Only one strong, heavily ferruled handle is required—one turn of the wrist attaches a tool; another turn and it is ready for the next. We know many of our customers will welcome this novel premium.

AS A PREMIUM—Free with a $10.00 order of Class 1, a $15.00 order of Class 2, $25.00 order of Class 3.

U. S. FAMILY SCALERS.


Scales with Parcel Post dial furnished if preferred.

AS A PREMIUM—Free with a $15.00 order of Class 1, a $25.00 order of Class 2, or a $50.00 order of Class 3.

24 POUND FAMILY SCALE.

White enameled dial. Scale in black enamel. It is light and weighs 24 pounds by ounces. Warranted correct. Weight, boxed, 6 pounds. Price $1.15.

Free with a $10.00 order of Class 1, $15.00 order of Class 2, $20.00 order of Class 3.
The following list embraces the best standard varieties and such new ones which after careful tests in our trial grounds, we can recommend to possess special merit and meet with the approval of our customers.

We grow large quantities of Vegetable Seeds here on our farms, and are in fact the LARGEST GROWERS OF VEGETABLE SEEDS IN MINNESOTA. This is one of the most fertile sections of our state, where a great variety of vegetables are grown to perfection, and the seeds produced here excel all others by their vigor and vitality, their hardiness, earliness and productiveness. We make a specialty of raising ONION SEED and our seed can be depended upon to mature good large bulbs during the shortest season. The greatest attention is paid by us to those varieties which are GROWN FOR THE MARKET in the Northwest, and our strains will be found to be of the finest quality. Our seeds have been the standard of quality for the Northwest and other sections for the past twenty-five years.

Our shipping facilities are better than ever; we can take care of your order promptly and furnish you seeds that will give the best of satisfaction in every particular. We supply best quality only and our prices are very moderate. Owing to the unfavorable growing season the past year there are decided shortages in crops, and therefore prices rule somewhat higher. We advise our customers to order early, as some items will not be procurable at any price later in the season.

MARKET GARDENER'S trade is especially invited; we can please you and all we ask is to give us a trial. Special Wholesale Price List for Market Gardeners is sent free to all who buy bulk seeds in large quantities.

**SPECIAL DISCOUNTS.**

On all orders for seeds in Packets and Ounces amounting to $1.00 we allow 25 cents worth of seeds extra, and if the order amounts to 50 cents we allow 10 cents worth of seeds extra. These extra seeds given as a premium can be selected only in packets and ounces. Seeds put up in quart pounds, half pints and larger quantities are excluded from this offer, also our Vegetable and Flower Seed Collection.

With every order of $2.00 worth of Vegetable Seeds at catalog prices we give free one year's subscription to the monthly "VEGETABLE GROWER", the leading gardener's paper for the Northwest, of interest to all who grow vegetables. This excludes the above discount.

**NOTICE:**—For the convenience of our customers we quote the prepaid prices on smaller quantities of Vegetable Seeds. When larger lots are wanted by parcels-post prepaid, you can figure postage according to zone-rates, but be sure to allow extra for the weight of packing. C. O. D. shipments add unnecessary expense; if wanted shipped by that method, please enclose ¼ of the amount in remittance with order

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**ARTICHOKE.**

Seeds may be sown indoors and plants set out in May, or can be sown outside, and thinned out to one plant in a hill. The plants thrive best in deep, rich soil. Plants are set in rows three feet apart and two to three feet apart in the row.

**LARGE GREEN GLOBE**—The well known French vegetable. The undeveloped flower heads when properly prepared make a most delicious dish. Pkt. 10c, oz. 30c, ¼ lb. $1.00, prepaid.

**ASPARAGUS.**

In early spring sow the seed, after soaking 12 hours in warm water, in drills one foot apart, and one inch deep. During the summer keep the soil mellow and free from weeds, thinning the plants to 4 inches apart. The following spring transplant them into permanent beds that have been deeply dug and highly manured. One ounce of seed to 30 feet drill; five pounds to the acre.

**BONVALLET'S GIANT**— Especially recommended for home and market gardens. A strong and rapid grower, most rust proof. Furnishes large size shoots for a longer period than any other kind. Flavor unexcelled. Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. $1.40, prepaid.

**EARLY GIANT ARGENTEAU**—Earliest large green sort of superb flavor. Used extensively by gardeners. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. $1.00, prepaid.

**CONOVER'S COLOSSAL**—A mammoth green sort of the best quality. Packet 5c, ounce 10c, ¼ lb. 20c, lb. 60c, prepaid.

**PALMETTO**—An early, light green sort, prolific and very desirable. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 60c, prepaid.

**COLUMBIAN MAMMOTH WHITE**—This variety is in great demand because it furnishes white shoots. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, prepaid.

**FOR ASPARAGUS ROOTS SEE PAGE 107.**

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**BRUSSELS SPROUTS.**

This is one of the best vegetables for winter use, producing an abundance of sprouts, resembling small cabbages; of excellent, mild flavor. By sowing in April and planting out in July, it may be had in line condition until Dec. and in the South from Nov. to March. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. $1.50, prepaid.

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Bonvallet's Giant Asparagus.
EARLY YELLOW SIX WEEKS—Another early and well known variety. Very early, a good yielder, excellent snap bean and good market sort, of vigorous, upright growth, bearing in great profusion slightly curved pods 4½ to 5 inches in length.

WHITE TEPARY—The Desert Bean. This is the best bean for dry sections. It is a shell bean much more prolific than the navy bean, maturing quickly, sixty-five days from seeding to harvest, making it valuable as a catch crop. Not subject to disease, the beans are of clear white color, cook well and are of delicious flavor. For the dry sections of South and North Dakota, Montana, Colorado, etc., the White Tepary is a sure money making crop. Be sure to try this excellent variety.

FORDHOOK BUSH LIMA—This new dwarf form of the Potato Lima is a great improvement, as it grows stiffly erect, bearing the pods well above the ground, making it valuable as a catch crop. The pods measure 4 to 5 inches long and are 4 to 5 large beans. The beans are tender, juicy and sweet in flavor when cooked. Pkt. 10c, ½ pint 20c, quart 50c, postpaid.—Quarter 35c, ½ peck $1.25, peck $2.35, not prepaid.

BUSH LIMA BEANS.

These Bush Lima Beans cannot be recommended too highly; no garden should be without them.

Imp. White Bush Lima.
BUSH BEANS. Wax or Yellow Podded Varieties.

**NOTICE:**—Crop is the shortest ever harvested—ORDER EARLY.

F. S. & N. CO.'S FARIBAULT KIDNEY WAX—Strong, robust plants. Immense pods. Absolutely stringless. Enormous yielder. We consider this bean of greater value to the market gardener than any other wax bean known today. The strong plants are of erect bush habit, reach the height of 18 to 20 inches and are immune from bean diseases, such as blight and rust. The fleshy pods are flattened in form, from 6 to 7 inches in length, ½ inch broad and of lemon yellow color; they are remarkable for their meatiness, brittleness, absolute freedom from strings or tough fibre, and fine table quality. The season of bearing is nearly straight, of a bright yellow color, brittle, meaty and entirely stringless at all stages of growth. The seed is large, pure white and most desirable as snack beans both for summer and winter use. **Crop failed.**

**PROLIFIC GERMAN BLACK WAX or BUTTER BEAN**—This is no doubt the earliest and one of the most productive of all beans, and is rust proof. Vines medium sized, very vigorous and productive. Pods of medium length, borne well up from the ground, cylindrical, fibrous; of a clear, creamy white color and remain a long time in condition for use as a snap bean. Splendid bean for early and late plantings. Packet 10c, ½ pint 25c, quart 75c, prepaid.—Quart 60c, not prepaid.

F. S. & N. CO.'S STRINGLESS WHITE WAX—Hardy white seeded wax bean of the finest quality. The bushes are of a sturdy, upright growth and heavily laden with large handsome pods, which are straight, of a bright yellow color, brittle, meaty and entirely stringless at all stages of growth. The seed is large, pure white and most desirable as snack beans both for summer and winter use. **Crop failed.**

**BLACK PENCIL POD WAX**—The best quality round pod early wax bean. Of bushy growth and extremely productive. Pods are straight, round, 6 to 7 inches long; thick, absolutely stringless, of fine flavor color medium yellow. The seed is black. An all around high quality sort for the kitchen garden or market gardener. Packet 10c, ½ pint 20c, quart 65c, prepaid.—Quart 50c, ½ peck $1.80, peck $3.50, not prepaid.

**IMPROVED GOLDEN WAX**—A well known standard variety and largely planted everywhere. Medium early, of vigorous, bushy growth, rust proof. A reliable heavy cropper, whether sown in spring, summer or early fall. Pods long, flat, thick and solid. Packet 10c, ½ pint 20c, quart 65c, prepaid.—Quart 30c, ½ peck $1.75, peck $3.25, not prepaid.

**DAVIS KIDNEY WAX**—The most hardy wax-podded bush bean in cultivation. The vine is rustless, very vigorous and productive and bears its pods near the center in clusters. The pods are very large and many ears are always borne. When young they are brittle, crisp and tender. Seeds clear white, excellent for baking and for cooking purposes. One of the best for shipping as snap beans and of the greatest value as a market variety. Packet 10c, ½ pint 25c, quart 75c, prepaid.—Quart 60c, ½ peck $2.00, peck $3.85, not prepaid.

**SURE CROP STRINGLESS WAX**—A very fine new Wax Potted Bush Bean that proved to be the surest cropper out of some twenty-five varieties of wax beans we had on our trial grounds. The plants are of remarkable vigor and productiveness, free from blight and rust, and seems to be much more hardy than any other bean. The pods are of a rich golden yellow color and they are perfectly stringless at all stages of development, and are borne in large brittle, crisp and tender, and of exceptionally fine flavor. One of the best beans for shipping as a snap bean. Packet 10c, ½ pint 25c, quart 75c, prepaid.—Quart 60c, ½ peck $2.00, peck $3.85, not prepaid.

**NEW DELICIOUS WAX**—The earliest wax bean in cultivation, coming into edible condition in advance of any other wax pod variety. The quality is well described by its name; it is simply "delicious" from first to last. The pods are extremely heavy bearers, 100 pods having been counted on a single bush, is fully as early in maturing its pods as the Wardwell's Kidney Wax, and is of excellent quality and quite desirable especially for the home garden. Packet 10c, ½ pint 30c, prepaid.

WARDWELL'S KIDNEY WAX—This variety, maturing a little later than the Golden Wax, yields a large crop of long, flat, nearly straight, broad, creamy white, large pods. The pods are of good quality and always command a ready sale, making this variety one of the best for market gardeners. A well known, largely planted wax bean. Packet 10c, ½ pint 25c, quart 80c, prepaid.—Quart 60c, ½ peck $2.00, peck $3.75, not prepaid.

**NEW ROYAL WAX**—The plant is vigorous, large, without runners, spreading, with large leaves. The pods are about 5 inches long, round, of a waxy yellow color; very brittle, entirely stringless, without fibre and unsurpassed in quality. Very early in season, ripening with the German Black Wax Bean. Resists drought well. Packet 10c, ½ pint 25c, quart 75c, prepaid.—Quart 60c, ½ peck $2.00, peck $3.85, not prepaid.

**WEBBER BUTTER WAX**—A new variety which is grown extensively by the market gardeners around Chicago and in that market it always secures top price. The vine is strong, holding the large pods well up. The pods are of rich bright yellow color, very fleshy, tender and stringless. Early and very prolific. Does well in all sections, and is very resistant to unfavorable weather conditions. The seed is yellow. A splendid bean for market and home garden. Packet 10c, ½ pint 25c, quart 75c, prepaid.—Quart 60c, ½ peck $2.00, peck $3.75, not prepaid.

**BUSH BEANS. Dwarf Lima. Cont'd.**

These Bush Lima Beans cannot be recommended too highly; no home garden should be without them.

**GIANT BUSH LIMA**—The best Bush Lima in existence. It is fully 8 to 10 days earlier than any other Lima, either bush or pole, and is a most prolific variety. The plants are vigorous and erect growth, 20 to 30 inches in height, and bear the pods well above the ground. The pods which are produced in large clusters of from 3 to 5, measure from 5 to 6 inches in length and contain 3 to 5 beans of large size, and of the most delicious flavor. Packet 10c, ½ pint 25c, quart 80c, prepaid.—Quart 40c, ½ peck $1.40, peck $2.80, not prepaid.

For other varieties of Bush Lima Beans see preceding page.
POLE OR RUNNER BEANS.

The beans should be planted the middle of May if the season is suitable. Set poles 4 feet apart each way, and plant 3 to 6 beans, about one inch deep, around each pole. Pull out to 3 plants to a pole, if soil is rich; pinch off the ends of plants when they overrun the tops of the poles, to effect more perfect growth below. They succeed best in sandy loam. One quart will plant 300 hills.

BURGERS STRINGLESS GREEN POD. (White Seeded Kentucky Wonder)—The best Green Pod Pole Bean for the North West. The vines are not very long and can be grown on brush instead of on a pole. The pods are broad in clusters and average 6 to 8 inches in length; are milk white, and of dark green color. They are absolutely stringless, very tender and of finest flavor. The dry beans are small and white, being good for baking after the pods have become too ripe. Equally desirable for the market and for the home garden. Packet 10c. ½ pint 20c, quart 50c, prepaid.—Quart 38c, ½ peck $1.50, prepaid.

EARLY GOLDEN CLUSTER WAX—A strong, vigorous grower, requiring a pole 6 to 8 feet high. It bears its bright golden-yellow pods in clusters of 3 to 6 in the greatest abundance from July until cut down by the frost. The pods are 6 to 8 inches long, very broad, quite thin and fleshy, entirely stringless and of the very best quality. Seed is large, of white color. Pkt. 10c, ½ pt. 20c, qt. 50c, prepaid.—Qt. 40c, ½ pk. $1.40 pk. $2.50, not prepaid.

WHITE CREASEBACK—Very early and a heavy yielder. Pods medium long, silver-green and of the best quality as seeds being very fine and tender. Need pure white and excellent shell for winter use. Pkt. 5c, ½ pint 10c, quart 40c, prepaid. —Quart 25c, ½ peck 85c, peck $1.50, not prepaid.

OLD HOMESTEAD or KENTUCKY WONDER—The pods are 7 to 9 inches long, very fleshy, stringless when young and of the finest quality. Ripe pods very early. Pkt. 5c, ½ pt. 20c, qt. 50c, prepaid.—Qt. 30c, ½ pk. $1.10 pk. $2.50, not prepaid.

LAZY WIFE—Pods are broad, thick, and above all entirely stringless. They are exceedingly rich, buttery and fine flavored when cooked. One of the best Pole Beans for seed and for seedling purposes. Pods short, fleshy and of fine color. Packet 5c, ½ pint 15c, quart 40c, prepaid.—Quart 25c, ½ peck 85c, peck $1.50, not prepaid.

HORTICULTURAL or SPECKLED CHANBERRY—An old favorite, excellent both as soup and shell bean. Beans are large and of the finest color. A very productive variety; medium early. Packet 5c, ½ pint 15c, quart 40c, prepaid.—Quart 25c, ½ peck 85c, peck $1.50, not prepaid.

SCARLET RUNNER—Popular for both ornamental and culinary purposes. The flowers which are born profusely in large sprays, are of lovely deep red color, and are followed by large, green pods of beans which are of very fine flavor. Pkt. 5c, ½ pint 15c, quart 50c, prepaid.—Quart 35c, ½ peck $1.25, peck $2.25, not prepaid.

XHID LONG—A great curiosity and with a bean of excellent quality. Pods usually 18 to 24 inches but frequently 30 inches and sometimes 30 inches in length. An excellent table vegetable, pods being tender and of a raspergus flavor. Pkt. 10c, 3 for 25c.

POLE LIMA BEANS.

NEW CARPENTERIA—This is considered the most perfect Pole Lima Bean. The beans have a greenish tint, a sure indication of good quality. The vines are very strong, vigorous in growth, with many large broad leaves, and have produced an immense quantity of pods, filled with 3 to 4, usually 4, large broad beans. These beans are much thicker than those of any other Pole Lima bean. Packet 10c, ½ pint 20c, quart 50c, prepaid.—Quart 35c, ½ peck $1.15, peck $2.00, not prepaid.

EARLY LAVIATHAN—Lavithan is about 14 days earlier than any other Pole Lima, making it possible to grow this delicious vegetable in many localities, where on account of the short season the older varieties would not mature. The pods are in large clusters and contain 4 to 6 large beans of excellent quality. Especially recommended for the Northwest. Pkt. 5c, ½ pint 15c, quart 45c, prepaid.—Quart 35c, ½ peck $1.25, peck $2.50, not prepaid.

EXTRA EARLY JERSEY—A well known variety. Early, very productive and of fine quality. Pkt. 5c, ½ pint 15c, quart 45c, prepaid.—Quart 35c, ½ peck $1.00, peck $1.25, bushel $6.50, not prepaid.

VINE OF THE GARDEN—Vines very vigorous and productive. Pods very long, filled with large, white beans of the finest quality. On account of the large pods it is a favorite with market gardeners. This variety has a long time. Pkt. 5c, ½ pt. 15c, qt. 40c, prepaid.—Qt. 25c, ½ pk. 90c, pk. $1.70, bu. $6.50, not prepaid.

BRUSSELS SPROUTS

This is one of the best vegetables for winter use, producing an abundance of sprouts, resembling small cabbages; of excellent mild flavor. By sowing in April and planting out in July, it may be had in fine condition until Dec. and in the South may be had from Nov. to March. Pkt. 5c, oz. 15c, lb. 45c, lb. $1.50, prepaid.

BORECOLE or KALE.

Borecole, Kale and German Greens are the general terms applied to certain cabbage-like plants which do not form heads, but are used in their open growth. The greens are for early Fall, Winter and Spring use. Sow seed about the middle of June and later transplant to rows from 2 to 3 ft. apart. The dwarf can be raised later, and need not be transplanted to furnish use in winter. A good frost improves the quality. One of the best sorts and when well grown and cooked is one of the most palatable of vegetables. Packet 5c, oz. 10c, lb. 25c, lb. 90c, not.

DWARF GERMAN GREEN CURLED—The plant is low and compact with broad, bright deep green leaves, curly, cut and crimped so the whole plant resembles a bunch of cows. It would be well worthy of cultivation simply for its beauty. One of the best sorts and when well grown and cooked is one of the most palatable of vegetables. Packet 5c, oz. 10c, lb. 25c, lb. 85c, prepaid.

THOUSAND HEAD KEALE—See Farm Seed Department.

BROCCOLI.

Borecole, Kale and German Greens are the general terms applied to certain cabbage-like plants which do not form heads, but are used in their open growth. One of the best sorts and when well grown and cooked is one of the most palatable of vegetables. Packet 5c, oz. 10c, lb. 25c, lb. 85c, prepaid.

LARGE WHITE—Large heads. Similar to Cauliflower. One ounce will produce 200 plants.
BEETS.

The soil for beets should be rather light and well drained. Sow in drills one foot apart and one inch deep, as early as the ground can be worked, continue for a succession as late as the middle of July, when the plants are large enough thin out to stand 6 inches apart in rows. One ounce to 50 feet of drill 5 to 6 lbs. to the acre in drills.

DETROIT DARK RED—Long experience has shown this variety to be one of the best deep red beets, deep red in market gardens, but also for home use. It is also by far the best for canning, making a strikingly handsome product, much superior to that obtained of most other varieties. Its early maturity, and the splendid shape and color of the root make it popular everywhere. On account of its small, upright growing tops the rows may be close together. Leaf stems and veins dark red, blade green; root: globular or oval and very smooth; color of skin dark blood red; flesh deep crimson red, zoned with a darker shade, very crisp, tender and sweet, and remaining so for a long time. The stock which we offer of this variety will produce a crop uniform in shape, color and quality. Pkt. 5c, oz. 10c, ½ lb. 30c, lb. $1.00, prepaid.

CROSBY’S IMPROVED EGYPTIAN—This variety is sown more than any other where an extra early beet is wanted for forcing in frames, as well as for first sowing outside. It becomes fit for use sooner than any other kind. The roots are of very even size and shape, the flesh is a bright red with zones of a darker shade, fine quality, sweet and tender. A standard market gardener’s variety, it is excellent for bunching. Pkt. 5c, oz. 10c, ½ lb. 30c, lb. $1.15, p’d.

F. S. & N. CO’S FIREBALL—A splendid new variety of great merit being suited for forcing under glass and for open garden culture. It is perfectly globe-shaped and very early. The leaf stalks are single, tiny tap roots are very small, making it valuable for both early and late sowing in frames. The skin is smooth, the flesh very sweet, solid and an intense bright red in color. For the home garden this beet will be found very desirable. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. $1.50, prepaid.

EARLY ECLIPSE—Perfectly smooth and round; skin and flesh intense red. This variety is extremely early, in fact, one of the first to be ready for the table. It does not grow to large size, but in desired redness and flavor it is equal to, if not superior quality. Pkt. 5c, oz. 10c, ½ lb. 30c, lb. $1.00, prepaid.

CRIMSON GLOBE—The root is of medium size, of very handsome shape and good eating quality. It is a very smooth surface, and a very small tap root. Flesh is fine grained, sweet and tender in all stages of growth; both skin and flesh are deep rich red. The leaves are small, very dark green, and borne on slender, upright growing stems. The shape and color of the roots, their tenderness, fine flavor and early maturity render them popular with all who plant them. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. $1.25, prepaid.

HANCOCK’S EXTRA EARLY BLOOD TURNIP—Roots are of medium size, bright red with light green bottoms, good quality, small top. A good beet for market and home garden. Pkt. 5c, oz. 10c, ½ lb. 30c, lb. $1.00, prepaid.

EDMUND’S EARLY BLOOD TURNIP—Very uniform roots with small tops; color deep red, smooth, round and handsome; of good flavor and quality, with hale, tender, quick maturity, the best for table use. Color dark red, quality crisp, tender and sweet; a good keeper. Can be planted close, as the roots do not grow large and coarse. Pkt. 5c, oz. 10c, ½ lb. 30c, lb. $1.00, prepaid.

OUR SEEDS ARE UNEXCELLED.

Your Vegetable Seeds were excellent, especially your Copenhagen Market Cabbages.

REv. FRED. O. LOFTINGER, La Crosse, Iowa.

Enclosed find my order (50) for seeds and plants. I have been a customer for 25 years, and have always found your goods of very best quality.

JOHN BABUSCH, Vernon, S. D.

I am sending you another order for Seeds which I have no doubt will grow as well as your Lettuce and Radishes and Tomatoes grow last summer. I paid only 10 cents for the three packets and before the summer was over I found they were worth 5$50 to me. Assuring you that you will get all my future orders. I remain

JOHN D. WELLMAN, Detroit, Mich.
MANGEL-WURZEL.

For Stock Feeding.

The value of Mangel-Wurzels for stock feeding can not be overestimated. No one who keeps horses, sheep or cattle should be without these roots for fall and winter feeding, as the results from their use are wonderful, being clearly shown in the improved health and condition of the animals, the increase of milk from the cows and the great saving in hay.

Mangels are a super crop than any other root; they can be raised at a very trailing cost, and yield immense crops per acre. Our trade on Mangels and Sugar-Beets for feeding is one of the largest in the country and is increasing enormously every year, owing to the fact that our stocks are of the highest quality available and our prices always very reasonable. Five to six pounds of seed are required per acre.

Prices for all Mangels and Sugar Beets except where noted: Oz. 5c, 1/4 lb. 15c, lb. 45c. prepaid.—Lb. 35c, 10 lbs. $3.25, not prepaid.

MINNESOTA GOLDEN TANKARD—The Golden Tankard is considered one of the best mancels grown, and our selected strain is unsurpassed in picking and feeding qualities. The flesh is firm, solid and of a rich golden yellow color. The roots have small necks, are of cylindrical form and grow nice and firm in shape; they are easily lifted and are excellent keepers. With no specially selected strain and good average cultivation the yield will be from 40-50 tons per acre while with extra cultivation it will yield 60-70 tons per acre.

IMPROVED MAMMOTH LONG RED—This is the best Long Red Mangel. It is enormously productive, yielding from 50 to 60 tons per acre and a single root often weighing from 35 to 35 pounds and more. They are of food and nutritious shape, of very fine texture and good quality and the growing to immense size, are not the best. They are easily harvested, as they grow well above the ground. Our strain is the best in the market.

GIANT RED ECKENDORF—This is the most popular variety of Mangels in Germany, being planted there more than any other kind, but it is also given the best results in this country wherever planted. The roots are smooth, of cylindrical shape, and weigh from 15 to 25 pounds apiece. The flesh is firm, solid, of white color and highly nutritious value. The Eckendorf Mangels are phenomenal yielders and are easily harvested, the root growing to the largest part above the ground. A splendid long keeper.

GIANT SILDSTRUP—Sildstrup is considered the best and heaviest yielding of all Mangels, and holds the world's record for dry matter content. This mangel has been awarded a first-class certificate several times by the Danish Government, the highest honor in Denmark, where mangels are as important as corn is here. Sildstrup is a long, reddish yellow, avoid root, growing more than half above the ground. Easily harvested, and by actual test far exceeds any other variety, in both the weight and feeding value of yield. Our seed is from the best Danish growers. Oz. 10c, 1/4 lb. 20c, lb. 50c, prepaid.—Lb. 40c, $1.25, not prepaid.

MAMMOTH GOLDEN GIANT—Very large, oval-shaped roots, growing over one-half out of the ground and having white flesh which is sweet and tender, and never becomes woody. An enormous yielder; the roots are easily harvested and keep well.

SUGAR BEETS—For Sugar Making.

KLEIN WANZLEBEN—Probably more widely grown than any other, and undoubtedly the best sort for general cultivation. It produces from 14 to 18 tons per acre, and contains from 15 to 18% of sugar. The root grows below the surface. Easier grown than any other variety.

VAMORIN'S IMPROVED—Although not quite as large as the Klein Wanzleben, it contains fully as large a percentage of sugar. The root grows below the surface.

Price of Sugar Beets as quoted above.

SUGAR BEETS—For Stock Feeding.

SUPERIOR TO MANGELS.

GIANT HALF SUGAR MANGEL—A strain of beets, which, while giving as large a yield and being as easily grown and harvested as a crop of mangels, supplies a food which is much sweeter and consequently of very much higher nutritive value. The roots grow partly out of the ground and are therefore easily harvested; they are very large, firm, smooth, clean and of oval shape; the color of the skin is light bronze green above and white below the ground; the flesh is white, crisp, sweet and unexcelled in feeding quality; is more succulent than sugar beets and preferred to them by all stock. Oz. 5c, 1/4 lb. 15c, lb. 45c, prepaid.—Lb. 35c, 10 lbs. $2.50, 100 lbs. $22.00, not prepaid.

ROYAL GIANT or HALF SUGAR ROSE—A beet of highest nutritive value for feeding. Somewhat egg shaped, on account of growing half out of the ground, is it very easily harvested. Quite similar to Giant Half Sugar except in color of skin which is bright red below the ground, white below. Oz. 5c, 1/4 lb. 15c, lb. 45c, prepaid.—Lb. 35c, 10 lbs. $2.75, 100 lbs. $25.00, not prepaid.

All the seeds purchased from you the past season have given the best satisfaction. Mangels weighed 20 pounds a root and over. Onions over 1 pound each. Your Vegetable Seeds are the best.

FRED KUHNKE, Gardn. N. Dak.
CABBAGE

Early Varieties.

CULTURE—Seed of the early varieties should be sown ¼ of an inch deep in a greenhouse, hot-bed, or in boxes in the house, about six weeks before the plants are needed for planting out. As soon as the soil can be worked in the spring the plants should be removed to the open field and set in rows two feet apart each way. Late Cabbage: May be sown in rows one foot apart in the garden about the middle of May, and the plants set in the field the latter part of June.

NOTICE—Use “Slug Shots” to kill cabbage worms.

MINNESOTA’S EARLIEST—The earliest heading Cabbage in cultivation, producing pointed, hard heads of good shape and quality. For the market of their extra early crop, and its hardness to resist cold and other unfavorable conditions insures the greatest likelihood of satisfactory results. Selected seed, Pkt. 5c, oz. 20c, ½ lb. 65c, lb. $2.25, prepaid.

EARLY JERSEY WAKEFIELD—The best first early, oblong sort. The heads are conical, very hard and solid and of excellent quality. Most gardeners depend upon it for the bulk of their extra early crop, and its hardness to resist cold and other unfavorable conditions insures the greatest likelihood of satisfactory results. Selected seed, Pkt. 5c, oz. 20c, ½ lb. 65c, lb. $2.25, prepaid.

LARGE WASHINGTON or CHARLESTON WAKEFIELD—A strain of which the plants are larger and a little later than Early Jersey Wakefield. Exceedingly hard, and on account of its earliness and size of head it is deservedly a very popular sort with market gardeners and shippers to follow Jersey Wakefield. Pkt. 5c, oz. 20c, ½ lb. 65c, lb. $2.25, prepaid.

EARLY WINNINGSTADT—The heads are of the same size as the Jersey Wakefield, but more sharply pointed in form and not so early, the heads are the hardest of any early cabbage. By reason of its great solidity it is also a popular variety to plant in the summer for winter use or cutting for kraut. Pkt. 5c, oz. 15c, ½ lb. 50c, lb. $1.75, prepaid.

EARLY FILLER KRAUT—A great favorite with the Germans. Forms large conical heads which are very hard and solid, and keep well. Much used for kraut. A well known and excellent variety. Pkt. 5c, oz. 20c, ½ lb. 65c, lb. $2.00, prepaid.

EARLY SPRING—the earliest flat head cabbage. As early as the Jersey Wakefield, but of a later growth, and allows for a larger second crop. It is early and hard, and of a fine quality. Pkt. 5c, oz. 20c, ½ lb. 65c, lb. $2.25, prepaid.

GLORY OF ENKHOUSEN—A very early cabbage, only a little later than Jersey Wakefield, but produces quite large ball-shaped heads, double the size of the Jersey Wakefield, which are extremely solid, fine ripened, exceedingly tender and of the finest flavor; it keeps in fine condition for a long time. The plants are very dwarf and compact, allowing close planting. A money maker for the market-gardener and home garden. Pkt. 5c, oz. 20c, ½ lb. 65c, lb. $2.25, prepaid.

Your Seeds have given me splendid satisfaction. Your Copenhagen Market Cabbage is an ever saw in the cabbage line, especially as it proved to be a much better drought resistant.

KARL BAUMGARTNER, Boemian Mont.

SECOND EARLY or SUMMER SORTS.

F. S. & N. CO’S VOLGA or EARLY STONEHEAD—One of the very earliest, large flat head varieties, especially recommended for Fall, Winter and Spring markets. Planted as late as the first week in July, it will produce a large crop of cabbage, with large heads, often measuring a foot in diameter and weighing from 15 to 20 pounds. They are extremely hard, uniform in size, and with very few outer leaves.

The quality is very fine, both for cooking and kraut. On account of its compact growth, plants can be set together very close. Heads do not crack as much as other sorts, and keep first class till late in spring. Pkt. 5c, oz. 20c, ½ lb. 70c, lb. $2.50, prepaid.

F. S. & N. CO’S ALL-HEAD or SURPRISE—If a gardener were to plant but one kind of cabbage, he could not get one that would answer all purposes as well as the All-Head Early. It is the earliest of the large flat-headed cabbages, at least a week in advance and one-third larger than Henderson’s Early Summer. The deep, flat heads are remarkably uniform in shape, size and color, with firm ribs than other flat kinds; they are very tender and the quality is excellent. It is suitable for growing in spring and early Winter, and is especially adapted to the Winter market. The All-Head Early is one of the most profitable cabbages to grow on account of its compact habit of growth, a close planting can be made. It is a grand variety for the home garden and one of the very best to grow for market. Pkt. 5c, oz. 25c, ½ lb. 75c, lb. $2.50.

HENDERSON’S SUCCESION—It is about a week later than Early Summer, but double its size, and remarkably uniform in size and shape. It is certainly a good cabbage, and should be included in every order. Pkt. 5c, oz. 20c, ½ lb. 60c, lb. $2.00, prepaid.

EARLY DWARF FLAT DUTCH—An excellent second early variety, producing fine, large heads. Highly valued both for its fine quality and ability to resist heat. Heads very solid, broad, round, flattened on top, tender and fine grained. Pkt. 5c, oz. 15c, ½ lb. 30c, lb. $1.75.

F. S. & N. CO’S ALL SEASONS—Heads are very large, round, often nearly spherical, but usually somewhat flattened; they are very solid and of the best quality, keeping as well as the winter sorts. The plants are very vigorous and are sure to head. Remarkable for its ability to stand the hot sun and dry weather. Our trials have shown that heads which were set for market by July 15th were still perfectly firm, the only change being increased size and density. One of the very best sorts for general cultivation. Pkt. 5c, oz. 20c, ½ lb. 65c, lb. $2.25, prepaid.

EARLY SUMMER—The popular flat-head variety is early market. Heads are of good size, very solid, compact, of excellent quality, and of very fine appearance. Pkt. 5c, oz. 15c, ½ lb. 30c, lb. $1.75, prepaid.

COPENHAGEN MARKET—See Novelties.
CABBAGE, LATE OR AUTUMN AND WINTER SORTS.

DANISH BALLHEAD, THE TRUE HOLLANDER or OVAL—Tall Stems—Selected Stock, Danish Grown. The most remarkable cabbage yet produced and a great favorite with all who have grown it. The heads, which are round, very solid and compact, are of medium size, averaging about 8 lbs. in weight; in color they are entirely distinct, being a fine white; they geter burst, and keep better than any other sort, being as solid and perfect when taken up in the spring as when put away in the fall. This cabbage is of the finest quality, crisp, tender and sweet in flavor. It grows especially on almost all soils and under most conditions, withstands cold, dry and hot weather, and never rolling from the effects of wet seasons. It is without question the most popular winter cabbage and is grown most extensively in the cabbage growing sections of the Northwest. Our supply is grown in Denmark by the best grower and is unsurpassed.

Pkt. 10c, oz. 25c, 1/2 lb. 75c, lb. $2.75.

DANISH BALLHEAD or HOLLANDER—American Grown Seed. Some of our customers have asked for American grown seed of this excellent cabbage. Therefore we offer best stock of Long Island grown seed. Pkt. 5c, oz. 20c, 1/4 lb. 60c, lb. $2.00, prepaid.

F. S. & N. CO’S SELECTED PREMIUM LATE FLAT DUTCH—A very fine strain of Late Flat Dutch which we can recommend as a sure heading variety, producing very large, solid heads, weighing 20 to 30 pounds each, of dark green color and excellent flavor; it is a good keeper. We have taken great care in the selecting of heads for seed and our strain is very pure. Our Selected Premium Flat Dutch is one of the best full shipping cabbages, and unsurpassed for table use. Pkt. 5c, oz. 20c, 1/4 lb. 60c, lb. $2.00.

MARLBOROUGH MAMMOTH—This is the largest kind of the cabbage family in the world; heads have been grown so large that they could not be put into a bucket, having a diameter 2 inches greater; 20 to 40 lbs. is no uncommon weight for the Mammoth, and in some instances heads have weighed over 50 pounds. Pkt. 5c, oz. 20c, 1/4 lb. 65c, lb. $2.25, prepaid.

AUTUMNING—It produces enormous, solid heads of that dark shade of green which is most desirable in a cabbage, and is always sure to head. The large, broad heads are rounded at the top, fine grained, tender and solid as a rock. It has such small outer leaves that it can be planted much closer than the ordinary late sorts. Pkt. 5c, oz. 20c, 1/4 lb. 60c, lb. $2.00, prepaid.

STONEHENGE DRUMHEAD—By many gardeners this is considered one of the most reliable varieties for fall and winter use. The plants are of medium size with only a very moderate number of leaves. Stem medium length, heads of good size, round and slightly flattened, very solid, crisp, tender and entirely free from the strong flavor found in many late sorts. It is one of the few cabbages that is certain to please both the amateur and the market grower.

Pkt. 5c, oz. 20c, 1/4 lb. 60c, lb. $2.00, prepaid.

F. S. & N. CO’S SUREHEAD—A good main crop variety. Always sure to make fine heads even in most unfavorable seasons. The heads are round, very firm, very hard, firm and fine in texture, and weigh from 10 to 15 pounds each. A general favorite with gardeners, and on account of its drought resisting quality it can be recommended especially for the western states. A good shipper and keeps splendidly.

Pkt. 5c, oz. 20c, 1/4 lb. 65c, lb. $2.25, prepaid.

LATE BRUNSWICK—A very fine main crop variety and grand long keeper. Heads are of uniform shape, flat, large, heavy, firm and solid, and of a very superior flavor. The plants are very compact, with few outside leaves, permitting close planting. Withstands drought and frost to a remarkable degree and is equal to the best in heavy yielding. It is a fine cabbage for making " Kraut." The seed which we offer is best Danish grown.

Pkt. 5c, oz. 20c, 1/4 lb. 60c, lb. $2.00, prepaid.

DANISH ROUNDHEAD—An Earlier Short Stemmed Strain of the Famous Danish Ballhead. In this strain we have very large, solid heads on short stems, having the same keeping quality as the original strain of Danish Ballhead. It is ten days to two weeks earlier and produces as large a yield as any of the Danish cabbages. It is especially valuable for high, dry land, producing good sized heads where other strains would be too small. For shipping in the late fall or winter there is no finer cabbage than this strain. Our stock of Danish Round Head comes to us direct from the originator in Denmark and is so well bred that practically every plant will produce a good solid head of uniform type. Packet 10c, ounce 25c, 1/4 lb. 75c, lb. $2.75, prepaid.

SHORT STEM DRUMHEAD—Well known standard late variety with large, flattened heads, very solid and a sure bender. Of compact growth, with few outer leaves. Desirable for late winter use.

Pkt. 5c, oz. 20c, 1/4 lb. 60c, lb. $2.00, p.d.
RED CABBAGE.

F. S. & N. CO.'S DANISH STONEHEAD—This new red cabbage is considered one of the best strains ever introduced. The plants are strong and compact in growth, producing dark red, round, solid heads of large size, equally as hard and handsome in appearance as our famous Danish Head. This results from the center of each head, making it a valuable sort for the market or pickling. Packet 10c, ½ oz., 25c, oz. 40c., ½ lb. $1.50, prepaid.

ERFURT EXTRA EARLY—This is the earliest of all red cabbages. The heads are not very large but of excellent quality, very hard and keep well; the color is blood-red. The best variety for pickling. Packet 5c, oz. 20c., ¼ lb. 65c., lb. $2.25, prepaid.

BLACK DIAMOND OR NIGGER HEAD—A grand, second early variety, with medium size heads, firm head and thin and small leafy stalks and a blood-red color. There are but few outer leaves, permitting close planting. Packet 10c, oz. 30c, ½ lb. $1.00, lb. $3.75, prepaid.

MAMMOTH RED ROCK—The largest of the red cabbages and a sure header; the heads are round, very solid, weighing up to 12 pounds, and are of an attractive dark red color. Packet 5c, oz. 20c., ¼ lb. 65c., lb. $2.25, prepaid.

SAVOY CABBAGE. The Savoy Cabbages are superior in flavor to the smooth-leaved sorts.

F. S. & N. CO.'S EARLIEST OF ALL SAVOY—Forms medium sized, very uniform heads of excellent quality. Packet 5c, oz. 15c, ¼ lb. 50c., ½ lb. $1.75, prepaid.

IMPROVED AMERICAN SAVOY—The best of the large, late Savoy sorts, either for home use or for the market. The plants are very strong, solid and sure headers; the heads are compact, large and showy, with fine, dense, fleshy, uncurled leaves of the finest flavor. Packet 5c, oz. 20c., ¼ lb. 65c., lb. $2.00, prepaid.

For Cabbage and Cauliflower Plants see page 74.

This is my sixth annual order to the Farmer Seed & Nursery Co. Your Danish Ballhead Cabbage is unsurpassed. Heads put 1 east last Fall are as solid and nice this date (Feb. 23d) as when we put them away.

J. S. SWORDS, POLO, ILL.

CAULIFLOWER.

Sow the seed in a hot-bed in January or February, and when the plants are large enough, transplant 3 inches apart in boxes until plant to out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, 3 feet apart each way. Keep well weeded, watering freely in dry weather, and especially when they begin to head. The late varieties mature in autumn, and are sown and managed similar to winter cauliflower.

Any soil that will grow cabbage will grow cauliflower, but rich, moist soil is preferred.

NOTICE:—To kill worms and bugs on Cauliflower plants use "Sug Shot". see page 42.

F. S. & N. CO.'S SELECTED EXTRA EARLY SNOWBALL—The most popular and earliest variety. Our seed is raised by expert growers in Denmark, the best Cauliflower growing country in the world, where the climate is especially adapted for raising this vegetable, and our growers select seed only the very earliest, largest and finest, fully developed heads. We can therefore offer our stock as first class in every respect, unexcelled by any other stock of Snowball, and no cauliflower ever grown gives more satisfactory results either when forced under glass during winter and early spring or planted later in the open ground. Under reasonably favorable conditions every plant will form a large solid head, medium to large in size, the heads crossing with a very close snow white card of extra fine quality. The plants are compact, with a few narrow, upright leaves and can be set closely together. We supply the most critical trade. Packet 15c, ¼ oz. 75c, ½ oz. $1.25, oz. $2.00, lb. $7.50, prep'd.

F. S. & N. CO.'S DANISH PERFECTION—A new early variety of the Dwarf Erfurt type. With our seed, the heads are larger than the Snowball, the heads are better protected by leaves and are very firm, solid and heavy, snow white and with not protruding leaves. The extra protection to the head does away with the necessity of tying up the leaves so a large extent. Comes very true to type and its evenness in maturing makes it possible to take care of the crop at onecutting. This variety produces the most solid, whitest and best heads of cauliflower we have ever seen grown. Practically every plant produces a good head. Packet 15c, ¼ oz. 75c, ½ oz. $1.25, oz. $2.25, lb. $8.25, prepaid.

EARLY SNOWBALL—A splendid type of the Snowball and is very popular in the East. Our seed will give best satisfaction. Packet 10c, ¼ oz. 50c, ½ oz. 85c, oz. $1.50, ¼ lb. $5.00.

EARLY EXTRA PARIS—Very popular early sort, forming medium sized, compact heads of excellent quality and flavor. The leaves are large, stalk short. For the home garden a very satisfactory variety. Packet 5c, ½ oz. 25c, oz. 50c., ½ lb. $1.50.

LARGE LATE ALGIER—This is one of the best varieties of Cauliflower that can be had at any price, and growers will find this an extremely superior strain. It is of dwarf, compact growth, with strong stamens. The heads form quickly, measure from 8 to 10 inches across, are beautiful, white, firm and of fine grain. It yields excellent results both for the home garden and for market use and is entirely at all respects to the Snowball except in earliness, being a few days later than that variety. Our strain of Erfurt Cauliflower has given the best satisfaction and can be relied upon to produce true to name, and will be found unsurpassed in earliness, size of color, dwarf habit, fine grain and solid heads. Packet 15c, ¼ oz. 60c, ½ oz. $1.00, ¼ lb. $1.75, ½ lb. $6.50, prepaid.

DRIEST WEATHER or DANISH GIANT—The plants have large foliage and form firm and snow-white heads, which are much larger and heavier than those of the Snowball and of equally fine quality, but about a week later. The Dry Weather or Danish Giant requires less moisture than the other varieties and is therefore especially adapted for growing in dry localities, where it will produce good sized heads under unfavorable conditions, when other kinds fail entirely. We recommend this variety as one of the very best for the home garden as well as for the market gardener for growth in the open ground. Packet 15c, ¼ oz. 75c, ½ oz. $1.25, oz. $2.00, ¼ lb. $7.50, prepaid.

DRIEST WEATHER or DANISH GIANT—A distinct and valuable late variety with long stems and dark green leaves. The heads are large, extremely white, firm and compact and being well protected remain a long time fit for use. Plants should be started and transplanted early. Packet 5c, ½ oz. 20c., oz. 35c., ¼ lb. $1.00, prepaid.
CARROTS, TABLE VARIETIES.

The Carrot is one of the most nutritious and healthful roots, and should be more generally used for the table as well as for stock feeding purposes. A few very well-drained sandy soil districts have the climate best. Soils, even as early as the ground can be worked, is rows 15 to 18 inches apart, covering about 1/4 inch, and the plants should be thinned to two, three or even four inches. For field culture sow in drills 18 to 24 inches apart, or two to three may be sown in the same row, say 2 to 3 inches apart. One ounce of seed will sow 100 feet of drill, three to four pounds required per acre.

F. S. & N. CO'S SUPERIOR MARKET-An elegant hounding carrot. Seed, while its great productivity makes it very desirable for a field sort. Packet 5c, oz. 15c, 1/4 lb. 40c, lb. $1.25, prepaid.

DANVERS HALF LONG—This is considered the best variety for general crop, and is a first-class carrot for any kind of soil. Roots are of rich, dark orange color, grow to a larger size, tapering uniformly to a thin point, and are smooth and handsomely. They are easily harvested and a good keeper. This carrot is excellent for table use, and owing to its productiveness, is largely grown for feeding purposes. Packet 5c, oz. 15c, 1/4 lb. 40c, lb. $1.25, prepaid.

NANTES HALF LONG, EARLY—It is of good shape and size. The leaves are fine and the roots almost cylindrical, very smooth and grow about six inches long; the flesh is entirely red and very sweet, and most entirely without a core. Packet 5c, oz. 15c, 1/4 lb. 40c, lb. $1.25, prepaid.

EARLIEST FRENCH FORCING—The earliest small round variety, very much used for first early forcing. Color reddish orange; it bunches very nicely; used largely for market as well as for the kitchen garden. Quality the best. Packet 5c, ounce 15c, 1/4 pound 40c, pound $1.35, prepaid.

GUERANDE or OXHEART—Tops small for the size of the roots, which are comparatively short but often reach a diameter of five inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. This variety is especially desirable for soil so acid and stiff that longer rooted sorts would not thrive in it. When young the roots are excellent for table use; with age the flesh is not quite so equal for feeding stock. Packet 5c, oz. 15c, 1/4 lb. 40c, lb. $1.00, prepaid.

CHARENTAY—An early main crop carrot for the market gardeners. A first class table variety; stump rooted, and about 5 to 6 inches long and broad-shouldered. The flesh is of a beautiful, rich orange color and of the finest quality; is medium early with small tops. Undoubtedly one of the best in quality for the market and private gardeners to grow as a field sort. Packet 5c, oz. 15c, 1/4 lb. 40c, 1 lb. 85c, prepaid.

EARLY SCARLET HORN—(Stump Rooted). Popular for forcing and early garden use. Roots are of medium size; flesh deep orange, fine grained; of agreeable sweet flavor; small top. Fine for baking for the market.

LONG RED ALTRINGHAM—A well known standard sort. Roots are smooth, fine-grained of large size, beautiful dark red color and of superior quality. The yield is very large, especially on light deep soil. Excellent carrot for table use as well as for stock feed and should be grown more extensively.

IMPROVED LONG ORANGE—(Pointed Rooted). The standard late variety; very handsome and uniform in shape; deep orange color; good flavor; yields very heavily. Requires a deep soil; plants stand 8 inches apart in 18 inch drills for roots to attain full size. Packet 5c, oz. 15c, 1/4 lb. 25c, lb. 85c, prep'd.

BEST CARROTS FOR STOCK USE.

The value of the Carrot as a food for stock is not appreciated in this country as it should be. They make a wholesome addition to the winter feed for stock and are very valuable when fed to dairy cows, producing an increased flow of rich milk and imparting a beautiful golden-yellow color to the butter. They should be fed regularly to horses, particularly to colts in winter and spring, and condition powders will not be needed, and distemper and similar diseases will not be known. We urge a more general use of carrots among our customers for feeding stock, knowing their value will be appreciated when better known.

1. VICTORIA—The largest and unquestionably the best of cropping yellow carrot in cultivation. The roots are remarkably fine, very symmetrical, and of excellent quality, possessing good feeding properties. The roots are adapted for red land, although a heavy red loam is not so well adapted for them as a lighter soil.Packet 5c, oz. 15c, 1/4 lb. 25c, lb. 75c, p&d.—Lb. 65c, 5 lbs. $3.00, not p'd.

2. CARBIS SUMMER—This is the best variety for early forcing. The roots are very heavy and the shoulders are very well developed. They can be utilized for table use. Packet 5c, oz. 15c, 1/4 lb. 25c, lb. 75c, prepaid.—Lb. 65c, 5 lbs. $3.00, not prepaid.

3. LONG WHITE BELGIAN—A variety with long, slender roots, about one third of which grows above the surface of the ground, thus making it easy to pull. It is very productive, highly nutritious and a good keeper. Packet 5c, oz. 15c, 1/4 lb. 20c, lb. 65c, prep'd.—Lb. 55c, 5 lbs. $2.50, not p'd.

4. LARGE YELLOW BELGIAN—This sort is very similar to the White Belgian, except in color. Its strong point is its keeping quality, making it of special value for late feeding. Packet 5c, oz. 15c, 1/4 lb. 20c, lb. 65c prepaid.—Lb. 55c, 5 lbs. $2.25, not prepaid.

5. RED ST. VALERY or INTERMEDIATE—A large and handsome carrot with very straight roots, broad at the top and 10 to 12 inches long. Yields very heavy crops in rich light soil. Splendid for stock and good for table use. Packet 5c, oz. 15c, 1/4 lb. 20c, lb. 65c, prepaid.—Lb. 55c, 5 lbs. $2.50, not prepaid.

MUSHROOMS

DIRECT PURE CULTURE Spawn—The process by which this spawn is obtained is obtained not only saves mushrooms true to type with extraordinary regularity and uniformity but the mushrooms which spring from this spawn in such wonderful numbers come to maturity much more quickly than is the case with spawn manufactured on any other system. This spawn comes in bricks weighing about 12 pounds; a brick will spawn a bed of 10 square feet. Mushrooms of the finest quality can be grown with ease almost the year round. A shelled container can be utilized to advantage for this purpose. We recommend our Direct Pure Culture Spawn for the market gardener and private planter. Pamphlet on mushroom culture free with every order.

Brick 40c, prepaid.—5 bricks $1.50, 10 bricks $2.50, not prepaid.

Your Sces were all good and the packets so well filled I could not use all.  
ANNA ROFFLER.  New Rockford, N. Dak.
CELEY.

One ounce of seed will make about 3500 plants. The seed should be started in shallow boxes or hot-bed. Sow thickly and cover lightly, keep well watered and transplant when 2 inches high, in rows 3 feet apart and 6 inches apart in the row. For home use celery is often grown in double rows, 10 inches apart, without trenching, and banked for winter storage, just where it grows, without lifting.

F. S. & N. C. O'S GOLDEN SELF-BLANCHING—This is the best celery for early use, in fact the only variety now grown extensively for all markets as an early celery. The plants are of a yellowish green color, but when blanching, the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness. It is self-blanching to a remarkable degree, although boards are generally used to hasten the blanching. The handsome color, crispness, tenderness, freedom from stringiness and the fine nutty flavor of this variety make it only necessary to try it in order to establish it as the standard of excellence as an early sort. We introduced this variety, the only originator’s seed, grown in France, which is the most expensive, yet by far the best in the market, having a larger, this celery, we are able to buy at the lowest figure and can therefore sell at reasonable prices. We guarantee, however, our stock to be fully equal to the best high-priced seed of other seedsmen and to grow as well.

Price: Packet 15c, ½ oz. 60c, oz. $1.00, ¼ lb. $3.50, lb. $15.00, prepaid.

AMERICAN GOLDEN SELF-BLANCHING—Owing to the very short crop of the best French grown seed, we offer American grown seed of this leading variety. This seed was grown from best selected French stock seed, and is the finest obtainable in this country. Pkt. 10c, oz. 35c, ¼ lb. $1.20, lb. $4.00, prepaid.

GIANT PASCAL—We recommend it as making one of the very best for fall and early winter use. It blanches to a beautiful yellowish white color, is solid and crisp and of a fine nutty flavor. The stalk is very thick, the upper portion nearly round, but broadening and flattening toward the base, blanching very quickly with little bending up. An excellent keeper. One of the best seeds for the market gardener. Packet 5c, oz. 15c, ½ oz. 45c, lb. $1.50, prepaid.

CELERIAC.

TURNIP ROOTED CELERIAC—This popular German vegetable is worthy of more extensive cultivation. The roots, which are used in salads or boiled like parsnips or turnips, have a celery flavor that is particularly pleasant to those who like celery. The roots keep well all winter.

LARGE KARUPF—Large, smooth, turnip-shaped and of excellent flavor. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. $2.00, prepaid.

APPLE SHAPED—Roots large, round and smooth. Of very fine flavor and a splendid keeper. Pkt. 10c, oz. 30c, ¼ lb. 85c, lb. $3.00, prepaid.

LEEK.

A species of onion, highly esteemed for flavoring soups, being of more delicate flavor than the onion. Sow the seed and care for the young plants as for onions, but give them more room for full development. When cultivating, draw the earth to the plants, so that they may be well blanched by the time they are full size. One ounce of seed for 100 feet of drill; 4 pounds per acre.

GIANT EXHIBITION—On account of its large size and attractive appearance, this variety is ideal for growing to show at exhibitions and market. Produces its extra large, thick shoots very quickly. In quality it is better than any other variety, the outer leaves being of mild flavor. A profitable sort for the market gardener and excellent for the kitchen garden. Packet 10c, oz. 20c, ¼ lb. 75c, lb. $2.50, prepaid.

LONDON FLAG—This is the variety generally cultivated in this country. It is hardy and of good quality. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. $1.25, prepaid.

LARGE MUELSEILB—Plants of enormous size, with large and broad leaves of mild and pleasant flavor. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. $1.50, prepaid.

OKRA OR GUMBO.

The young seed pods of this plant are used for the well known and delicious “Gumbo” soups. Easy to grow. Plant in spring as soon as danger of frost is past. Cultivate the same as for beans.

WHITE VELVET—Pkt. 5c, oz. 8c, ¼ lb. 15c, lb. 50c, prepaid.

LONG GREEN—Pkt. 5c, oz. 8c, ¼ lb. 15c, lb. 50c, prepaid.

DWARF GREEN—Pkt. 5c, oz. 8c, ¼ lb. 15c, lb. 50c, prepaid.

SWISS CHARD. “Lucullus”.

Also called “Cut and Come Again” Spinach. This vegetable gives maximum returns for little care and space. It yields a constant crop from July to winter. If your garden space is limited, Swiss Chard must have a place. The leaves are used for salads or boiled like spinach or turnips and are equal in quality. They are easier to prepare than spinach, and are far superior to beets. Can be eaten all summer when spinach is not available. Later the leaves grow very large, with very thick, firm white stems and mid-ribs, which may be cooked like asparagus.

Packet 5c, oz. 15c, ¼ lb. 35c, lb. $1.25, prepaid.

DO NOT OVERLOOK OUR 1916 "SURE CROP" VEGETABLE SEED COLLECTION on third cover page.
SWEET CORN.

A rich, warm soil is the best, but excellent sweet corn can be raised on any good, ordinary soil if it is deeply and thoroly worked before planting. Plant in hills, 3 or 4 feet apart each way or sow in rows 4½ feet apart, planting seeds about 8 inches apart in the rows. First planting may be done as soon as danger from frost is past, for succession plant every 2 weeks until July. Give frequent and thorough shallow cultivation until the tassels appear. One quart will plant about 500 feet of row. One peck of seed will plant about 2500 feet of row.

NOTICE:—The legal weight in Minnesota of all varieties of Sweet Corn is 48 pounds per bushel. Our prices are based on this weight; some states specify only 45 lbs per bushel.

Extra Early Varieties.

IMPROVED PEEP O' DAY—The earliest true sweet corn. The best extra early variety for the Northwest. This variety is very dear, from 3½ to 4 feet high; each stalk produces from 3 to 5 ears, which are mostly ten-rowed and about 5 inches long. The kernels are smaller than those of the Cory and are delicately sweet, of great value to the market gardener. The stalks of PEEP O' DAY being small, it should be planted close together; say about 8 to 10 inches apart in rows, with the rows six or 8-rowed, as shown in the illustration. One peck of seed will plant about 2500 ears of row; 2 pecks will plant about 5000. One half bushel will plant about 5000 ears. Our seed is grown on our farms here. For early and late planting. Packet 5c, % pint 15c, quart 35c, prepaid. —Quart 25c, % peck 70c, peck $1.25, bushel $4.50, not prepaid.

F. S. & N. CO'S GOLDEN BANTAM—The earliest and sweetest yellow-grained variety. Positively the best flavored and sweetest of all early varieties of sweet corn. An extra early sort of extreme hardiness, allowing very early planting. The stalks grow about four feet high and bear 2 to 3 ears, 3 to 7 inches in length, which are completely filled with 8 rows of golden yellow grains, extending to the rounded tip. This is without exception the richest flavored of all sweet corn and should be in every garden. Especially adapted for planting in the Northwest, on account of its hardiness and ability to withstand unfavorable weather. May be planted late in the summer for early fall use. Our seed stock is best quality. Minnesota grown. Packet 5c, % pint 15c, quart 40c, prepaid. —Quart 30c, % peck 85c, peck $1.50, bushel $5.00, not prepaid.

F. S. & N. CO'S WHITE MEXICAN—A white variety which has all the good qualities of sweetness and flavor of the old dark type. It is one of the earliest to mature, furnishing edible ears from 1 to 6 days ahead of Cory. The ears, in size and shape are like those of the Black Mexican. For the home garden as well as for market it is one of the best. Packet 5c, % pint 15c, quart 35c, prepaid. —Quart 25c, % peck 60c, peck $1.00, bushel $3.50, not prepaid.

FIRST OF ALL—Well known early variety with medium sized ears, which are 8 to 10 rowed. Kernels are broad, white and very sweet. It is a splendid first early sort for the market as well as for the home garden, especially suited for our northern states. Packet 5c, % pint 10c, quart 30c, prepaid. —Quart 20c, % peck 60c, peck 90c, bushel $3.25, not prepaid.

Early Varieties.

F. S. & N. CO'S MAMMOTH WHITE CORY—The largest and best early variety. Each stalk produces two or more large, fine-shaped ears, which are fit for use before those of any other large ear. The ears are 12-rowed, very symmetrical and handsome, with no openings between the rows at the base. The kernel is large, broad, very white and of remarkably good quality. The size and beauty of this variety give it a ready sale, even when the market is over-stocked. The best variety for the northern garden, and now extensively grown for early corn by market gardeners in this state. Packet 5c, % pint 15c, quart 35c, prepaid. —Quart 25c, % peck 60c, peck $1.00, bushel $4.50, not prepaid.

EARLY WHITE CORY—Well known old variety. The stalks are usually 4½ feet high and bear 8 or even 9 ears, which are 8-rowed, with large, somewhat course kernel, resembling grain. Packet 5c, % pint 15c, quart 35c, prepaid. —Quart 25c, % peck 60c, peck $1.00, bushel $4.50, not prepaid.

EARLY MINNESOTA—This old and deservedly popular variety is one of the best early sorts for the market and private garden. The stalks grow about 5 feet high, bearing one or two ears, which are long and 8-rowed, kernels very broad, very white, very tender, not shrinking much in drying. Our stock will be found uniform and of the best quality. Packet 5c, % pint 10c, quart 35c, prepaid. —Quart 25c, % peck 60c, peck 95c, bushel $3.25, not prepaid.

CROSBY'S EARLY—This is a favorite second-early variety with 10 to 12 rows of fine grains of excellent quality. The ears are about 7 inches in length; is largely used for canning. Packet 5c, % pint 10c, quart 35c, prepaid. —Quart 25c, % peck 60c, peck 95c, bushel $3.25, not prepaid.


Medium Early Varieties.

F. S. & N. CO'S EARLY CHAMPION—The most popular and largest of the second early sorts. Season a little later than Mammoth White Cory. The ears are large, very uniform, and covered with 12 rows of pure white kernels which are very sweet and all of bulk, not too large but just the right size; cob is thin and white. A good yielder, producing usually 2 or 3 ears to the stalk. Excellent for both early and late planting. Packet 5c, % pint 10c, quart 35c, prepaid. —Quart 25c, % peck 60c, peck $1.00, bushel $3.50, not prepaid.

KENDALL'S EARLY GIANT—A variety of sweet corn, consisting of 12 rows of pure white corn which are very sweet and all of bulk; not too large but just the right size; cob is thin and white. A good yielder, producing usually 2 or 3 ears to the stalk. Excellent for both early and late planting. Packet 5c, % pint 10c, quart 35c, prepaid. —Quart 25c, % peck 60c, peck $1.00, bushel $3.50, not prepaid.

MEDIUM EARLY VARIETIES OF SWEET CORN CONTINUED ON NEXT PAGE.
SWEET CORN. Continued.

Medium Early Varieties. Continued.

**GOLDEN CREAM** — The new early Yellow Country Gentleman. The kernels are long and pointed, the cob being very firm. The stalks are firm and very smooth, and the ears are of large size and well filled. In quality, flavor and sweetness it is unsurpassed. For market and home garden it is well recommended. It is one of the best varieties for canners’ use, as it can be canned at the same time as Stowell’s. Pkt. 5c, ½ peck 10c, quart 35c, prepaid. Quart 25c, ½ peck 50c, peck 90c, bu. $3.25, not prepaid.

**OLD COLONY** — A remarkably productive, medium early variety, averaging 5 ears on every stalk. The ears are of large size and well filled. It is unsurpassed in tenderness and fine quality. For family use we consider it the most desirable second early sort. Packet 5c, ½ peck 10c, quart 30c, prepaid. Quart 20c, ½ peck 50c, peck 90c, bu. $3.25, not prepaid.

**BLACK MEXICAN** — This corn, when in condition for the table, cooks remarkably white, but the ripe grain is black or bluish-black. It is unsurpassed in tenderness and fine quality. For family use we consider it the most desirable second early sort. Packet 5c, ½ peck 10c, quart 35c, prepaid. Quart 25c, ½ peck 60c, peck 1.00, bu. $3.50, not prepaid.

**HICKOX IMPROVED** — A very prolific corn, every stalk ordinarily producing two large, fully developed ears. The grain is very white and tender. This is one of the best varieties for canners’ use; its season will be lengthened by planting the Hickox at the same time as Stowell’s. Pkt. 5c, ½ peck 10c, quart 35c, prepaid. Quart 25c, ½ peck 60c, peck 1.00, bu. $3.50, not prepaid.

Late Varieties.

**F. S. & N. CO’S WHITE EVERGREEN** — Bred from one pure white-grained ear, discovered in the Stowell’s Evergreen, and has been developed into a beautiful, white, large-cored Evergreen variety. It has slimmer and shorter stalks, broader and more vigorous, deep green foliage, and is earlier by several days in producing ears suitable for table than the Stowell’s. Grains are pure white, very sugary and are fully white from butt to tip. The ears remain long in condition, like all true Evergreens. A most desirable variety for the home garden, and especially for the canner. Packet 5c, ½ peck 10c, quart 35c, prepaid. Quart 25c, ½ peck 60c, peck 1.00, bu. $3.50, not prepaid.

**NEW EARLY EVERGREEN** — In this variety we have all the good qualities of that old standard, Stowell’s Evergreen, with quite an improvement in addition, namely, that of earliness. It is about 4 days earlier, with full as large an ear; and also equal to it in every other respect. Packet 5c, ½ peck 10c, quart 35c, prepaid. Quart 25c, ½ peck 60c, peck 1.00, bu. $3.50, not prepaid.

**STOWELL’S EVERGREEN** — Recognized everywhere as the standard variety for market and home use. Remains longer in the green state than in most other sorts. Very large ears with deep and remarkably sweet grains. Our stock is of the best quality, grown from selected ears. Packet 5c, ½ peck 10c, quart 30c, prepaid. Quart 20c, ½ peck 60c, peck 90c, bu. $3.50, not prepaid.

**COUNTRY GENTLEMAN** — One of the sweetest and most delicious late varieties of sweet corn. It is extremely productive, the stalks bearing three ears and sometimes as many as five. The small, irregular kernels are very deep and pure white in color. Ears average 9 inches in length. A large market and home corn, which should have a place in every home garden as well as in the market gardener’s field. Our seed stock is especially fine. Packet 5c, ½ peck 15c, quart 35c, prepaid. Quart 25c, ½ peck 75c, peck 1.25, bu. $4.75, not prepaid.

**MAMMOTH SUGAR** — The largest late variety, having ears of mammoth size, with 14 to 18 rows, quality excellent and not exceeded by other kinds. It is a week later than Stowell’s Evergreen. The stalks are very large. Pkt. 5c, ½ peck 15c, quart 40c, prepaid. Quart 30c, ½ peck 1.00, not prepaid.

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**F. S. & N. CO’S SUCCESION COLLECTION OF SWEET CORN.**

The following varieties, when planted at the same time, will produce a continuous supply of Sweet Corn of finest quality, from early summer until frost.

**PEEP O’DAY** — The earliest variety.
**MAMMOTH WHITE CORN** — Soon after PEEP O’ DAY.
**BLACK MEXICAN** — Medium late.
**STOWELL’S EVERGREEN** — Late.

We make the following special prices for the collection.

<table>
<thead>
<tr>
<th>Variety</th>
<th>1 peck each of the 4 varieties named, 20c, prepaid</th>
<th>1 quart each of above 4 varieties, 75c, not prepaid</th>
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<td></td>
<td>½ pint</td>
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<td>&quot; 40c, 60c</td>
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**POP CORN.**

Pop Corn is a very profitable crop, yields well even in unfavorable seasons and there is always a good market for it. May be planted quite late in season, which is another advantage. Plant at the rate of 3 to 6 to 3 pecks of seed per acre.

**WHITE RICE** — The leading market sort and largely planted everywhere. Packet 5c, ½ peck 15c, quart 45c, prepaid. — Lb. 15c, 5 lbs. 50c, 10 lbs. 75c, 100 lbs. $1.00, not prepaid.

**QUEEN’S GOLDEN** — The most tender and of delicious flavor when popped, together with the delicious and delicate taste, make this variety one of the best. It is preferred by many to the white seeded kinds. Packet 5c, ½ peck 15c, quart 45c, prepaid. — Lb. 15c, 5 lbs. 60c, 10 lbs. $1.00, 100 lbs. $7.50, not prepaid.

**MEXICAN CORN.** — The quality Pop Corn. Most tender and of delicious flavor when popped, without any hard particles, melts in your mouth. Try it once, you will not be without it again. The ears are short and thick, with deep kernels. Packet 10c, ½ peck 20c, quart 60c, prepaid.
**CUCUMBERS.**

Plant the seed three-fourths of an inch deep in hills 4 to 8 feet apart each way, according to the variety. About every third or fourth row, about own planting time, allowing 18 seeds to the hill. As soon as the plants commence to run, remove all but 3 or 4 of the most promising ones in each hill. Cultivate frequently as long as the vines will permit. One ounce of seed for 20 hills, 2 to 3 pounds per acre. Use "Sing Shot" to kill cucumber bugs and worms, see page 12.

**F. S. & N. CO.'S EARLIEST PICKLING**—This variety is believed to be the earliest and best strain of all pickling cucumbers. The vines are of vigorous growth and harder than other varieties, therefore permitting early planting. The fruit are of medium size, slim in shape, of superior quality. More prolific than any other cucumber we have ever tried. For the gardeners our Earliest Pickling will prove a money maker. Pkt. 10c, oz. 15c, 14 lb. 45c, lb. 1.25, prepaid.

**EARLY FRAME or EARLY GIANT**—Desirable for pickles of medium size, and of fine quality when sliced for the table. A little later than the Early Cluster; keeps green for a long time. Pkt. 5c, oz. 10c, 14 lb. 28c, lb. 85c, p'd.

**CHICAGO or WESTFIELD PICKLING**—Fruits of medium length, somewhat flatter than the Boston and deep green in color, with large, prominent spines; extremely prolific. Pkt. 5c, oz. 10c, 14 lb. 25c, lb. 90c, prepaid.

**WHITE SPINE VARIETIES.**

**EARLIEST of ALL**—This is the earliest type of White Spine grows. The fruits are small but of fine quality and attractive dark green color, changing to white when ripe. This variety is much in demand. The fruits are almost hairless, productive and the fruits, about 12 inches long, are formed almost as early as those of the short sorts. They are firm, crisp and of fine flavor. Pkt. 5c, oz. 10c, 14 lb. 30c, lb. 1.00, prepaid.

**NEW EVERBEARING**—Very early, enormously productive, and valuable as a summer picker. The peculiar merit of this variety is that the vine continues to produce fruit until killed by frost, whether the ripe cucumbers are picked off or not, differing in this respect from all other sorts. The fruit is of medium size, perfect in shape, and fine green color. Pkt. 5c, oz. 10c, 14 lb. 30c, lb. 1.00, prepaid.

**BOSTON or GREEN PROLIFIC**—A distinct and very productive variety. Fruits bright green, medium sized, tender, smooth, symmetrical, crisp and tender. Used almost exclusively by all the pickle factories in the western states. Pkt. 5c, oz. 10c, 14 lb. 25c, lb. 85c, prepaid.

**EARLY GREEN**—Fruits of the slim form desirable for small pickles; very prolific, frequently setting fruits in clusters of two and three. Pkt. 5c, oz. 10c, 14 lb. 28c, lb. 90c, prepaid.

**IMPROVED LONG GREEN**—One of the best for slicing and pickles. The vines are very vigorous and productive and the fruits, about 12 inches long, are formed almost as early as those of the short sorts. They are firm, crisp and of fine flavor. Pkt. 5c, oz. 10c, 14 lb. 30c, lb. 1.00, prepaid.

**IMPROVED NORTHWESTERN BEAUTY**—In early, very productive and the best strain of the Improved White Spine, of a rich green color throughout its entire length and very long and symmetrical. We have improved the old variety by careful selection of the finest specimens for good stock, and recommend this variety to the private gardens as well as those who grow for profit. Pkt. 10c, oz. 20c, 14 lb. 45c, lb. 1.75, prepaid.

**CUMBERLAND PICKLE**—The fruits grow 9 to 10 inches in length, are of light green color and are thickly covered with small spines; they are very attractive and of fine quality. Excellent for both pickles and slicing. Pkt. 5c, oz. 10c, 14 lb. 28c, lb. 85c, prepaid.

**EXTRA EARLY WHITE SPINE**—The leading sort grown by Southern truckers to ship to Northern markets; used more than any other kind for forcing under glass, and one of the best sorts for table use. Very early with vigorous and prolific vines, uniformly straight fruits of dark green color and tender flesh of excellent flavor. Pkt. 5c, oz. 10c, 14 lb. 25c, lb. 85c, p'd.

**GHERIN or BURR**—For pickling only; the very small fruits are roundish long, about 2 inches, very prickly when green. Must be used for pickling when young. Pkt. 10c, oz. 20c, 14 lb. 60c, prepaid.

**GIANT PERA**—A most prolific late variety of very large size, measuring from 18 to 22 inches long. Fine for exhibition purposes. Pkt. 5c, oz. 15c, 14 lb. 45c, lb. 1.50, prepaid.

**IMPROVED EXTRA EARLY ARLINGTON WHITE SPINE**—The handsomest and most productive variety of the White Spine sorts. Without exception the most profitable cucumber for market gardeners, and equally desirable as a family garden sort. Only a few days later than the Extra Early White Spine, but the fruits are longer, more slender and of finer shape. The cucumbers are straight, symmetrical and of deep green color throughout their entire length, never turning yellow. Pkt. 5c, oz. 10c, 14 lb. 30c, lb. 1.00, p'd.

**JAPANESE CLIMBING**—This sort grows quickly, climbing poles or trellises, thus taking up very little space in the garden. The fruits are of good size and fine flavor; adapted especially for slicing and salads. Does best in dry, warm summers. Pkt. 5c, oz. 15c, 14 lb. 35c, prepaid.

**LEMON CUCUMBER**—The fruits are nearly round, with yellow and green markings and smooth skin. The flesh is crisp, with a sweet flavor surpassing that of other cucumbers. For pickling they can be used either green or ripe. Can also be used for Mangoes like melons. Pkt. 10c, oz. 20c, 14 lb. 60c, prepaid.

**LEMON PERFECT**—This cucumber is a carefully selected strain of Extra Long White Spine and is a remarkably attractive fruit, very long, slim and dark green, growing from 12 to 16 inches. The fruits keep their color until ripe, when they turn white; the flesh is very tender, brittle and of fine flavor. An excellent cucumber for both outdoor planting and forcing. Pkt. 5c, oz. 10c, 14 lb. 30c, lb. 1.00, prepaid.

**LONG or EVERGREEN WHITE SPINE**—A popular sort of White Spine with market gardeners. Beautiful, long, smooth and straight fruits of fine, shiny, dark green color, measuring 10 to 14 inches in length, with white, crisp, tender flesh. A fine table variety and an excellent sort to grow under glass. Pkt. 5c, oz. 10c, 14 lb. 30c, lb. 1.00, prepaid.

**LONG, or EVERGREEN WHITE SPINE**—A popular sort of White Spine with market gardeners. Beautiful, long, smooth and straight fruits of fine, shiny, dark green color, measuring 10 to 14 inches in length, with white, crisp, tender flesh. A fine table variety and an excellent sort to grow under glass. Pkt. 5c, oz. 10c, 14 lb. 30c, lb. 1.00, prepaid.

**M 70**—A hybrid sort of the White Spine type, about the size of the Extra Early sort. It is a wonderful cropper, very early, of fine dark green color; a good market gardener sort and very popular in the Southwest to ship north. Quite hardy, producing fair crops, even under such unfavorable conditions as cause other sorts to fail. Pkt. 5c, oz. 10c, 14 lb. 25c, lb. 85c, prepaid.

**SNAKE**—A hybrid sort of the White Spine type, about the size of the Extra Early sort. It is a wonderful cropper, very early, of fine dark green color; a good market gardener sort and very popular in the Southwest to ship north. Quite hardy, producing fair crops, even under such unfavorable conditions as cause other sorts to fail. Pkt. 5c, oz. 10c, 14 lb. 25c, lb. 85c, prepaid.

**SERPENT or SNAKE**—A great curiosity; the cucumbers grow several feet in length and are usually much twisted. Pkt. 5c, oz. 20c.

**WHITE WONDER**—The fruits of this new variety are very large, smooth, of fine dark green color, wax-like in appearance. Pkt. 10c, oz. 20c, 14 lb. 60c, prepaid.
CHICORY.

LARGE ROOTED—Much used in Europe as a substitute for coffee. In the fall the roots should be taken up and dried, and when required for use, should be roasted and ground like coffee. In spring the leaves make a good salad, and are used extensively for this purpose.

Pkt. 5c, oz. 15c, ½ lb. 50c; prep'd.

CHIVES.

An onion-like plant, which by some is highly esteemed for use as a salad dressing, and the green stems afford a very pleasant onion flavor for soups. The plant also makes an excellent ornamental garden border, which may frequently be cut, a new growth of leaves appearing soon after each cutting. The seed may be sown in rows in the garden or in boxes and transplanted. After 2 or 3 years the plants may be taken up, divided and reset. Packet 10c, ½ oz. 35c, prepaid.

CORN SALAD.

LARGE ROUND-LEAVED, LARGE-SEED—This is a hardy, quick growing plant; the leaves furnish a good substitute for lettuce during the winter, or can also be cooked and used like spinach. In August or September the plant will mature in 4 to 6 weeks. It can also be sown early in the spring like other lettuce. Packet 5c, oz. 10c, ½ lb. 30c, lb. $1.00, prepaid.

GARLIC:—Garlic is much esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs called "cloves" which are planted in the spring. Easily grown everywhere. Bulbs, ½ lb. 15c, lb. 45c, prepaid. — 5 lbs. $1.50, not prepaid.

EGG PLANT.

NEW YORK IMPROVED LARGE PURPLE SPINELESS—The plant is large, vigorous, spreading, and the fruits are very large, oval, of pomegranate shape. Each fruit is produced by a plant. Our stock has been obtained by years of careful selection and we have today the finest strain of all Mammoth Egg Plants, the fruit growing to an immense size, being very early and entirely spineless. Packet 5c, oz. 20c, ½ lb. 60c, lb. $2.00, prepaid.

BLACK BEAUTY—Desirable for the northern states. Earlier than New York Super. The fruits are broad, thick, of most attractive form and finest flavor. Their rich, lustrous, purple black color is very uniform. Packet 5c, oz. 20c, ½ lb. $1.00, lb. $3.00, prepaid.

NEW HIGHLAND or TREE—An excellent tall growing variety, bearing its large fruits well above the ground, thus escaping liability to rot. The fruit is very solid and of best quality. The plant resists drought and bad weather to a remarkable degree. Pkt. 10c, oz. 35c, ½ lb. $1.25, prepaid.

CRESS.

FINE CURLRED OR PEPPER GRASS—Quick growing; leaves finely cut and feathery, ornamental and crisp and pungent, very refreshing. Packet 5c, oz. 8c, ½ lb. 20c, lb. 60c, prepaid.

WATER CRESS—Highly esteemed as a salad dressing during the fall. Also used as a garnish for meats during the winter. Packet 5c, oz. 35c, ¼ lb. $1.25, prepaid.

EGG PLANT.

BLUE—Large, hardy, very early, very productive, and of excellent quality. Pkt. 5c, oz. 20c, ½ lb. 60c, lb. $2.00, prepaid.

CORN SALAD.

Corn Salad. Corn. The corn is very tender and is a good substitute for lettuce. Packet 5c, oz. 10c, ½ lb. 30c, lb. $1.00, prepaid.
LETTUCE.

LETTUCE—Sow very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills—being careful to firm the soil well over the seed and thin to 1 inches apart in row. One ounce of seed will sow 75 feet of rows, 4 to 5 lbs. per acre.

CURLED OR LOOSE LEAVED.

GRAND RAPIDS—The best and most profitable sort for forcing. Almost exclusively grown by market gardeners. A splendid shipper, not apt to rot. The plant is upright and forms a loose head or cluster of light green leaves. One of the very best leaf lettuces for the home garden. Packet 5c, oz. 10c, ¼ lb. 30c, lb. $1.00, prepaid.

BLACK-SEEDED SIMPSON—One of the best and most largely planted bunching varieties; excellent for forcing as well as for growing outdoors. Distinctly a market gardener's sort, but also very satisfactory for home use, as it is very reliable and easily grown; it succeeds during summer when more delicate sorts are failures. A good shipper, remaining a long time in condition for use. Leaves broad, crumpled and blistered and of light green color and fine quality, sweet and tender. Packet 5c, oz. 10c, ¼ lb. 25c, lb. 80c, prepaid.

SIMPSON'S EARLY CURLY. (Seed white)—Early, erect growing. Leaves broad, often frilled and blistered and formed into a loose head; light green in color; sweet, tender and well flavored. May be sown thickly and cut when plants are very young. Packet 5c, oz. 8c, ¼ lb. 20c, lb. 70c, prepaid.

DENVER MARKET—An early variety of loose headed type, either for forcing or outdoor growth. Forms good sized heads of light green color. Leaves are handsomely marked and blistered, similar to a Savoy cabbage. Very crisp and tender. Packet 5c, oz. 10c, ¼ lb. 30c, lb. $1.00, prepaid.

PRIZEHEAD—A PRECIOUS HEAD. Black Seed—Also called Salamander, All Heart, and Market Gardener's Private Stock. One of the best head lettuces; succeeds everywhere and at all seasons. It is a sure header, and an excellent shipper. We can highly recommend it for both private and market gardener's use. The plants are medium size, with broad leaves of light green color, blistered and crumpled, the quality is excellent, delicate, sweet and buttery in flavor. Packet 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

GIANT ICEBERG—An extremely hard heading, large variety. Leaves have small indentations and are of a yellowish green color. Good for home and market. The quality is very fine. Packet 5c, oz. 10c, ¼ lb. 30c, lb. $1.00, prepaid.

HANSON—The standard summer cabbage-heading variety for either the home or market garden. Very reliable and a sure header. Not suited for growing indoors. A very large, late variety, forming a very hard head of light green color, and of the best quality. Packet 5c, oz. 10c, ¼ lb. 25c, lb. 85c, p'p'd.

CALIFORNIA CREAM BUTTER—Especially recommended to the private gardener; very hardy, succeeds well everywhere, but not suited for indoor culture. A large, late variety, having a buttery flavor, and of the best quality. Packet 5c, oz. 10c, ¼ lb. 30c, lb. 85c, p'p'd.

WONDERFUL OR NEW YORK—A large late variety of very good quality, fine flavor, sweet and crisp and of dull green color; a good shipper. A favorite variety with market gardeners all over the country; succeeds well in late fall, but also a good summer lettuce and fine for forcing. Excellent for midsummer, withstands heat remarkably well and is slow to run to seed. Packet 5c, oz. 8c, ¼ lb. 25c, lb. 75c, prepaid.

BIG BOSTON—A very popular sort with market gardeners all over the country; succeeds well in late fall, but also a good summer lettuce and fine for forcing. Hardy, reliable, a sure header, and a splendid shipper. The plants form large compact heads, leaves of light dull green color with light brown border. Packet 5c, oz. 10c, ¼ lb. 30c, lb. $1.00, prepaid.

COS LETTUCE. White Self Folding—Of a distinct upright habit. The heads grow to a large size and are self-closing. In considered one of the best for the private garden; unions for forcing. Excellent for midsummer, withstands heat remarkably well and is slow to run to seed. Packet 5c, oz. 10c, ¼ lb. 30c, lb. $1.00, prepaid.

MIXED VARIETIES LETTUCE—Fine for the home garden. Packet 5c, oz. 10c, ¼ lb. 25c, prepaid.

The Earliest and Best Head Lettuce.

The plant consists of a loose cluster of leaves, varying to bright green; the quality is very fine, sweet in flavor, tender. Packet 5c, oz. 10c, ¼ lb. 25c, lb. $1.00, prepaid.

CABBAGE or HEADING VARIETIES.

E. S. & N. CO.'S MAY KING—The earliest head lettuce. Equally desirable for market and the home garden. Heads medium sized with outer leaves folding close to the head, thus permitting close planting for frame work; color light green, outer leaves tinged slightly brown; heart of a beautifully appealing yellow; quality excellent, leaves being exceedingly tender. Packet 5c, oz. 10c, ¼ lb. 35c, lb. $1.25, prepaid.

THE DEACON or ST. LOUIS BUTTER—A lettuce of the highest quality, a splendid variety for the market gardener as well as for home use. It stands the summer well, is very reliable, sure heading and very attractive. Reported to be the best head variety for forcing. The heads are medium large, leaves broad and smooth, of a peculiar grayish green color. Quality excellent, sweet and distinctly buttery in flavor, crisp and tender. Packet 5c, oz. 8c, ¼ lb. 25c, lb. 75c, prepaid.

Tennis Ball.

firm, well blanched heart, with outer leaves of rich, glossy green color, spotted with brown, the most buttery flavored variety. Packet 5c, oz. 8c, ¼ lb. 25c, lb. 75c, prepaid.

The Earliest and Best Head Lettuce.
MUSK MELON.

Earliest varieties ready in 80 to 100 days from sowing. General crop requires 115 to 140 days. Melons thrive best in a light, rich soil. Plant when the ground has become warm and dry, and danger of frost is past, in hills 6 feet apart each way; in well enriched soil, 12 to 15 seeds in a hill. After all danger of the bugs is over, thin out to 5 plants per hill. One ounce will plant about 60 hills, three pounds per acre. Use 'Slug Shot' to kill melon bugs and worms; see page 42.

Green Flesched Sorts.

MINNESOTA MELTING SUGAR—The sweetest, richest flavored of all green-fleshed musk melons. Fruits are of just the right size for market, oval in form, distinctly ribbed and heavily netted. The flesh is very firm, of attractive green color, exceptionally sweet, sugary, juicy and tender, with a rich aromatic flavor and entirely free from stringiness. The melons are all of uniform size, and everyone of is the same high quality. Vines are of vigorous, healthy growth, yielding an abundant crop quite early in season. Packet 10c, 15c, 1/4 lb. 45c, lb. $1.75, prepaid.

EXTRA EARLY HACKENSACK—This is a selection of the popular Hackensack, ripening fully 10 days earlier. The melons are of good size, heavily ribbed and netted, and have thick, light green flesh of fine flavor; they are very early, hardy and prolific and one of the best varieties to grow for the market. Packet Sc, oz. 10c, 1/4 lb. 30c, lb. 95c, 5 lbs. $4.00, prepaid.

HACKENSACK OR TURK'S CAP—The fruits are of good size, round, heavily ribbed and netted, with thick, firm, green flesh of excellent flavor, hardy and productive. Packet Sc, oz. 10c, 1/4 lb. 25c, lb. 85c, prepaid.

EXTRA EARLY CITRON OR EARLY NET MEG—A small round melon, valuable on account of its extreme earliness and good productive-ness. The skin is green, becoming yellowish at maturity, the flesh is light green, sweet and of good quality. Packet Sc, oz. 10c, 1/4 lb. 30c, lb. $1.00, 8 lbs. $4.50, prepaid.

NETTED LARGE GREEN NUT MEG—Vines vigorous, hardy and productive; fruit large, round, slightly flattened at both ends, ribbed and covered with coarse netting; flesh very thick and of the finest flavor. Very fine for home garden. Pkt. 5c, oz. 5c, 1/4 lb. 25c, lb. 15c, prepaid.

HACKENSACK—A popular small or basket melon. The fruit is oval, slightly ribbed and covered with fine netting. Flesh thick, green, very sweet and of the finest flavor. Our stock is broken from carefully selected melons. Packet 5c, oz. 10c, 1/4 lb. 25c, lb. 75c, 8 lbs. $3.25, prepaid.

ROCKYFORD—This strain represents the highest development of the Rockyford melons as to quality, beauty and robustness. The fruits are all of uniform size, covered over the entire surface with heavy gray netting; their flavor is not excelled by that of any green melons grown and there is very little stringiness. Packet 5c, oz. 10c, 1/4 lb. 40c, lb. $1.40, prepaid.

ROBINSONS DELICIOUS ROCKYFORD—See Novelties.

Salmon Flesched Sorts.

NEW FORDHOOK—This melon is a cross between Emerald Gem and the Old Prize Jenny Lind. The vine is a strong, vigorous grower, branching freely and frequently setting five to nine melons close to the hill. The fruit grows very even and regular in size and attractive in appearance, slightly flattened at both ends and they are roughly netted. The flesh is very thick, color an attractive dark salmon, ribbed, and of delicious flavor. Remarkably early and a good shipper. Packet Sc, oz. 15c, 1/4 lb. 30c, lb. $1.25, prepaid.

OSAGE—Fruits large, oval, with dark green skin, slightly ribbed and moderately netted; flesh is deep salmon colored, very thick and of the finest quality. One of the best melons for the home garden and also for the market; a good keeper and shipper. More extensively grown by market gardeners in the Northwest than any other variety. Pkt. 5c, oz. 10c, 1/4 lb. 30c, lb. $1.00, 5 lbs. $4.50, prepaid.

OSAGE—F. S. & N. CO.'S YELLOW MELTED JAPAN—This variety is a splendid shipper and for the private garden no better melon can be found. The flesh is thick, salmon colored, melting and of a rich, sweet, delicious flavor. Fruits are of large size, nearly round, slightly ribbed and netted. Skin yellowish-white when ripe. A heavy yielder, quite early. Grown extensively for the market. Pkt. 5c, oz. 10c, 1/4 lb. 35c, lb. $1.25.

HOODOO—Considered one of the finest orange-fleshed melons for shipping. The size is just right (about the same as Rockyford). The fruit is of deep orange color and extremely thick, there being only a small seed cavity. The netting is ideal, heavy and close; the melon is solid and heavy. Wonderfully prolific and produces very fine quality melons quite early. Pkt. 5c, oz. 10c, 1/4 lb. 30c, lb. $1.00.

BURRELLS' GEM—A new melon of the Rockyford type, with orange yellow meat of delicious flavor. A heavy yielder and good shipper. One of the finest melons grown. Size same as the full-sized Rockyford melons (6 lb. long, weighing about 21/2 lbs. each); shape elongated; most very thick, fine grained and spiny. Packet 5c, oz. 10c, 1/4 lb. 35c, lb. $1.00, 8 lbs. $4.50, prepaid.

EMERALD GEM—Fruit medium sized, globular, but somewhat flattened at the ends, perfectly smooth and ribbed. Skin deep green while fruit is young, becoming tinged with yellow as it matures. Flesh deep salmon-yellow, thick, ripening close to the rind, and exceedingly high flavored. A splendid variety which has but few equals for the home garden. Packet 5c, oz. 10c, 1/4 lb. 35c, lb. $1.15, prepaid.

SHIMMAY'S GIANT—Largeest of all musk melons. Flesh is rich, melty and sweet. A splendid large melon to grow for exhibition purposes and home use. Packet 5c, oz. 10c, 1/4 lb. 45c, lb. $1.50, prepaid.

BANANA—This melon attains a length of 18 to 30 inches, is 2 to 4 inches in diameter and is a heavy melon. The flesh of orange-yellow color and exquisite flavor. The fruit resembles a banana in appearance and aroma. A fine melon for the home garden. Packet 5c, oz. 15c, 1/4 lb. 45c, lb. $1.55, prepaid.

FRODDY—A melon with the delicious flavor of the strawberry. Its smooth, deep flesh is rich red. The skin is green, turning yellowish when ripe. The fruits are of desirable size, weighing 6 to 8 pounds. Fine for the fruit market. Pkt. 10c, oz. 7c, 1/4 lb. 15c, lb. $1.00, prepaid.

WINTER KING—A long keeping variety. See Novelties.

New Fordhook
**WATER MELONS.**

The soil for water melons should be light, rich and sandy. When there is no more danger of frost, drop 8 to 10 seeds in hills 8 to 10 feet apart each way, covering about ½ inch deep. As soon as the plants commence to run, thin out to 3 best plants in a hill and cultivate until the vines cover the whole ground. If slow to fruit, pinch off the ends of the growing shoots. One ounce of seed for 30 hills; 4 to 5 pounds per acre. Use "Slug Shot" to kill melon bugs and worms; see page 42.

**EXTRA EARLY RUSSIAN**—We obtained the stock seed of this variety from a customer of ours living near a Russian colony in South Dakota, where these melons are highly esteemed and bring top prices in the local markets. The melons are of medium size, oblong; skin dark green, mottled yellow. Flesh is red, very free from fiber and deliciously sweet. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 75c. prepaid.

**TOM WATSON**—This splendid melon has become immensely popular. Typical fruits of this variety reach a size of 24 inches in length by 12 inches in diameter. The rind is dark mottled green, thin, but tough enough to endure shipping to very distant markets. Of the long shaped melons it is the best shipper. The flesh is deep red and comes very close, about ¾ of an inch, to the rind. The exquisite deliciousness of flavor possessed by the fine quality flesh of this melon places it in the very front rank of melon excellence. The home or market garden, or for shipping, it is a money maker for the growers. Our strain of this is not surpassed in the market. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 85c. $3.75, prepaid.

**ALABAMA SWEET**—Alabama Sweet is a dark green melon with light seeds. It is of good size, very attractive in appearance and most delicious in flavor, making it first-class for shipping purposes. Very popular in Texas and other Southern states where it is grown extensively for shipping. They average 18 to 30 inches in length; 6 to 8 inches in diameter. Color of rind a clear, lovely deep green. The flesh is a beautiful crimson, extending to within less than half an inch of the rind. It is essentially the melon for the home garden and for local markets. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 75c. prepaid.

**HALBERT HONEY**—The melons are blunt both at stem and blossom end. They are average 18 to 30 inches in length; 6 to 8 inches in diameter. Color of rind a clear, lovely deep green. It is essentially the melon for the home garden and for local markets. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 75c. prepaid.

**FLORIDA FAVORITE**—A beautiful large melon of oblong shape with dark green skin, striped and mottled with lighter shades; rind thin but tough; flesh bright scarlet, firm, crisp, tender and sweet. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 75c. prepaid.

**ICE CREAM or PEERLESS**—One of the best early sorts for private gardens and for market gardeners who deliver direct to consumers. Vine moderately vigorous, hardy and productive; fruit medium sized, oval, bright green and finely veined or mottled; rind thin; flesh bright scarlet, solid, crisp, tender and sweet. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 75c. prepaid.

**COLE'S EXTRA EARLY**—The earliest watermelon grown and a most desirable sort for the Northwest, ripening delicious melons where none could be grown before, but it is also of great value for the Middle and Southern States, as it matures its fruits weeks ahead of other sorts. Fruits are oblong shaped and of dark green color, striped with lighter shades. The rind is thin and brittle, on which account the melons are not good for shipping, but they are one of the finest varieties for the family garden. The beautiful red flesh is of delicate texture, crisp, lusciously sweet and refreshing; there is little or no seed cavity and very few seeds. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 85c. prepaid.

**HARRIS' EARLIEST**—A splendid, large, extra early melon of exceptionally fine quality. The fruits are slightly oval, irregularly mottled dark and light green, and weigh from 25 to 40 pounds; the flesh is bright red, tender and sweet. A good shipper and one of the best for planting in the Northwest. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 75c. prepaid.

**EARLY FORDHOOK**—An extra early melon, nearly round in form and averaging 35 pounds in weight. The rind is of uniform light green color and is quite tough, making it a valuable variety for shipping; seeds are white.

**KLECKLEY'S SWEET**—A large, oblong melon, 20 in. in length, by 12 to 15 inches in diameter, with dark green rind which is only about ½ inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. This variety is better for home use than for shipping, and we believe it is the best table melon. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 75c. 5 lbs. $3.50, prepaid.

**MC IVER'S WONDERFUL SUGAR**—This widely famous melon is of southern origin. It is of medium size, with striped or variegated exterior. The beautiful, red flesh is of perfect quality as to texture and sweetness. It is well adapted for market purposes, but it is rather too large for long shipments. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 75c. 5 lbs. $3.50, ppd.

**SWEETHART**—Our strain is notably sweet hearted kind for home and market use, and will hold its own in the watermelon patch for many years to come. Vine vigorous and productive, ripening its crops early. Fruit large, oval, very heavy, uniformly mottled light and dark green; rind thin but firm; flesh bright red, firm and solid, but very tender, melting and sweet. Excellent for shipping and home use.

**CITRON:**

Green Seeded—A round, handsome fruit of small size, used for preserving only. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 75c. prepaid. Price same as Green Seeded.

Red Seeded—Same as preceding kind, except seed is red.

**DELIGHT**—See Novelties.

**KOLB'S GEM**—Vines remarkably vigorous and healthy. Fruit of the largest size, round or slightly oval, marked with irregular stripes of dark and light green. Rind exceedingly hard and firm, making it a good sort for shipping. Flesh bright red, solid, a little coarse, but sweet and tender. Pkt. 5c. oz. 10c. ¼ lb. 25c. lb. 30c. 5 lbs. $2.25, prepaid.

**McIver's Wonderful Sugar.**
A FIELD OF FARIBAULT RED GLOBE ONIONS IN FULL BLOOM AT THE F. S. & N. CO.'S FARM, FARIBAULT, MINN.

CHOICE AND RELIABLE FARIBAULT-GROWN ONION SEED.

We guarantee our Seeds to grow and produce satisfactory results if soil and season are favorable.

The most essential item in growing onions for the market is good seed — seed that will come up, and seed that will produce the variety you want — cheap seed is very poor economy. One ounce of seed is required for 100 feet of drill, four to five pounds per acre.

We are the largest growers of Onion Seed in the state of Minnesota and our seed is now used by most market gardeners in the Northwest, having been found superior to that grown elsewhere. Our stock is purer, and produces much larger and better keeping bulbs than any other strain. By many years of most careful selection of bulbs for seed growing we have established strains which are of perfect type and are the highest grade of onions obtainable up to date.

FARIBAULT RED GLOBE WETHERSFIELD—Earlier and more productive than the Southport Red Globe. The onion seed we offer under this name is a special strain of Red Globe which we have produced by years of careful breeding. The perfect globe type is thoroughly established in this variety, and the onions grown from this pedigreed stock are always of the most uniform shape.

This variety differs from other kinds of Red Globe onions not only in purity of stock and perfection of type, but also in earliness, productivity, beauty of color and great keeping qualities. The bulbs are of dark red color, grow to a larger size than the Southport variety and are of a most attractive appearance. We sell annually very large quantities of our Red Globe Wethersfield onion seed to growers in this state where mostly red onions are grown for shipping, and our strain is preferred by all. Packet 5c, oz. 20c, 1/2 lb. 50c, lb. $1.25. prepaid—5 lbs. $10.50, 10 lbs. $20.50, not prepaid.

LARGE RED GLOBE—The best strain of Red Globe, western grown seed. Packet 5c, oz. 15c, 1/2 lb. 50c, lb. $1.85. prepaid—5 lbs. $8.50, 10 lbs. $16.50, not prepaid.

MINNESOTA YELLOW GLOBE—The most beautiful yellow onion of globe shape. Golden yellow color, large size, mild flavor, a heavy cropper, an excellent keeper and good shipper. Our strain will be found a good deal earlier than the old Southport variety. The best yellow variety to grow for the market. Pkt. 5c, oz. 15c, 1/2 lb. 50c, lb. $1.85, prepaid—5 lbs. $8.50, 10 lbs. $16.50, not prepaid.

MINN. WHITE GLOBE—The handsomest onion grown; it sells at a higher price than all other sorts. Perfectly globe-shaped; thin, delicate skin of snow-white color. Flesh is firm, fine-grained and of mild flavor; a tremendous cropper and good keeper. To get fine white onions, greater care should be exercised in harvesting and curing the crop. Pull as soon as onions are ripe enough to harvest and dry in an airy and shady place. Our strain is the earliest of all White Globe offered. Pkt. 10c, oz. 20c, 1/2 lb. 75c, lb. $2.85, prepaid—5 lbs. $13.50, 10 pounds $26.50, not prepaid.

The 3 Best Globe Onions.

The 3 splendid Globe Onions that we illustrate on this page, we have, by years of untiring efforts in selection, brought to the highest possible standard of perfection. They are the most productive, the earliest, hardest, and best keeping onions in existence. We offer:

1 pkt. of each, 15c, prepaid.

1 oz. ** 45c.

1/2 lb. ** $1.65.

Faribault Red Globe Wethersfield.

Minnesota Yellow Globe.

Minnesota White Globe.
ONIONS. Continued.

LARGE RED WEATHERSFIELD—The Wethersfield Onion is the most largely grown red variety, and is a heavy yielding and good keeper. The soil we offer is our own growing, and we know there is no better strain raised anywhere as far as purity, beautiful form and color are concerned, and in earliness, productiveness and long keeping qualities far exceed all others. The bulbs are of large size, of a round but somewhat flattened shape; deep red skin; flesh purplish-white, rather sweet flavored. The best variety for poor and dry soil. The flat onions mature earlier than the globe and is therefore better adapted for the northern sections. The Red Wethersfield is the best variety for the home garden and in many sections soils at highest prices in the market. Pkt. 5c, oz. 20c, 1/2 lb. 65c, lb. $1.75, prepaid—5 lbs. $10.50, 10 lbs. $20.50, not prepaid.

EXTRA EARLY RED—This is one of the standard American onions, adapting itself to a great variety of soils and situations, succeeding even in cold, rocky ground where other sorts fail. It matures earlier than the Red Wethersfield and in rich soils grows almost as large, is also somewhat flattened, very similar to that variety. The onion is of a rich, deep red color, mild flavor, fine grained, solid and heavy, and keeps well. It is hardy and reliable and well adapted for the early market. Pkt. 5c, oz. 15c, 1/2 lb. 50c, lb. $1.75, prepaid—5 lbs. $8.00, not prepaid.

BROWN GLOBE—This new variety is one of the best market sorts in existence; it is extremely early, forms good, large bulbs and keeps in good condition longer than any other onion. The color of the skin is a deep rich seal brown; the flesh is white, brittle and of a mild flavor. Pkt. 5c, oz. 15c, 1/2 lb. 50c, lb. $1.75, prepaid.

EXTRA EARLY GLOBE—The earliest of all globe-shaped onions, an extra long keeper, a sure cropper and a favorite variety. The bulbs are of beautiful globe form and run very uniform in shape and size. The skin is thin and of golden yellow color, the flesh solid, pure white, mild and pleasant in flavor. This onion has an extremely small top, generally not longer than a lead pencil; ripens very early in oil sets. Pkt. 5c, oz. 15c, 1/2 lb. 50c, lb. $2.00, prepaid—5 lbs. $9.25, not prepaid.

WHITE PORTUGAL or SILVER-FRINCK—A small onion grown for table use. The skin is coppery-yellow; flesh cream-white, comparatively mild and well flavored. Pkt. 5c, oz. 15c, 1/2 lb. 50c, lb. $1.30, prepaid—5 lbs. $5.50, 10 lbs. $10.00, not prepaid.

EXTRA EARLY BARLETTA—The best variety for small pickles. It is the earliest ripening onion in cultivation. The bulbs are pure-white, very small, averaging only from 1 to 11/2 inches in diameter; they are of flat shape and very mild flavor. To grow small pickling onions plant the seed thickly in drills, 15 inches apart, using 4 oz. to 41/2 lbs. per acre. Pkt. 5c, oz. 20c, 1/2 lb. 60c, lb. $2.25, prepaid.

QUEEN—A very early and very small onion. Has a beautiful waxy white color; much esteemed by house-wives. Of great value for pickling and table use. Pkt. 5c, oz. 20c, 1/2 lb. 60c, lb. $2.25, prepaid.

EARLY WHITE WELSH—For green onions. This kind does not form a bulb, but it is one of the best for 'green onions'. The plants are perennial and will remain in the ground for several years. A money maker for the market gardener. Pkt. 5c, oz. 20c, 1/2 lb. 60c, lb. $2.25, prepaid.

Send me some more of your Farmer Seed & Nursery Co.'s Barleitta onion seed as per enclosed order. I want some other variety. Raised some from your seed this year, got the finest bunch of onions you ever had on your eyes on. E. F. Doemer, Moorhead, Minn.
ONION SETS.

Onion sets are planted for onions for early spring use. A quart or two is sufficient for the family garden. Onion bulbs can be produced from the Bottom Onion Sets much earlier than from seed, which allows the planter the earlier high market prices and permits the sowing of another crop on the land and the saving of green or bunch onions the onion sets produce a crop in half the time it takes to raise those from seed.

YELLOW MULTIPLIERS OR SHALLOTS — We prefer these to any other onions on account of their earlier ripeness. The latter part of May or early June they are fully ripe, and can be harvested. They are very productive, 5 to 15 bulbs growing from one small bulb set out. Pint 20c, quart 30c, prepaid.—½ peck 50c, peck 90c. bushel $3.25, not prepaid.

WHITE MULTIPLIERS — Color pure silver; very white; very productive, frequently producing as many as 20 bulbs in a single cluster from one bulb planted. The onions are very mild and of excellent quality and size for bunching green, and can be used also for pickling. Very early and hardy. Pint 25c, quart 40c, prepaid.—½ peck 75c, peck $1.25, bu. $4.60, not prepaid.

RED TOP OR BUTTON SETS — Earliest of all. These are planted for both early "green onions" and large early bunching green onions. Pint 5c, quart 10c, prepaid.—½ peck 25c, peck 40c, $1.00, not prepaid.

PARSNIP.

Parsnips are highly appreciated for the table, and they are of great value for stock feeding. Sow as early in the spring as the weather will permit, in drills 18 inches apart and ½ inch deep, in a rich, deep soil; thin out 3 to 6 inches apart in the rows. Parsnips are improved by remaining exposed to frost. One ounce to 150 feet of drill, 5 pounds for an acre.

LONG SMOOTH OR HOLLOW CROWN — A great cropper; tender, juicy and of deep color; handsomely fluted. Also suited for use in drying. Pkt. 5c, oz. 10c, lb. 20c, lb. 60c, prepaid.

GUERNSEY — The roots do not grow as long as those of the Hollow Crown, but are of greater diameter and more easily gathered. They are very smooth and have fine grated flesh of most excellent quality. Packet 5c, oz. 10c, lb. 15c, lb. 50c, prepaid.

PARSLEY.

Sow in hotbed early in April and transplant to the open ground when the weather is favorable, in warm, mellow soil, in rows 18 inches apart. May also be sown in the open ground when all danger of frost is past and the soil is warm. One ounce sown in onion rows use to space. To preserve in winter transplant to a light cellar or glass frames. Used extensively for garnishing and seasoning. CHAMPION MOSS CULLED — A compact growing, finely cut and densely curled variety of a deep green color. Grows in all soils and is one of the most useful sorts. Special market gardener's strain. Packet 5c, oz. 15c, lb. 35c, lb. 95c, prepaid.

FERN LEAVED — This is most exquisite in form and color, and invaluable as a garnishing plant. Mild flavor. Packet 5c, oz. 15c, lb. 45c, lb. 1.35, prepaid.

PLAIN — Leaves flat and deep'ly cut; often preferred to others on account of the very dark color, the hardness of the plant and its superiority for flavoring. Packet 5c, oz. 10c, lb. 25c, lb. 75c, prepaid.

TURNIP-ROOTED OR HAMBURG — The root is the edible portion of this variety and resembles a small parsnip, both in color and shape. Flesh white, a little dry, having a flavor similar to celery. Very hardy and should be cultivated like parsnip. Extenively grown and used for flavoring soups, etc. Foliage same as Plain Parsley. Packet 5c, oz. 10c, lb. 35c, lb. $1.20, prepaid.

PEPPER.

Chinese Giant — This desirable variety is undoubtedly the largest sweet pepper ever offered. The flesh is quite thick, very mild and remarkably sweet. The plants are of strong, stocky growth, of bushy habit, of large size, 2 feet to 2 feet in height, setting 3 to 4 extra large fruits at the base only, early in the season, when ripen while a second crop is setting on the branches. The fruit is quite square in appearance. Packet 10c, oz. 40c, lb. 1.15, prepaid.

BULL NOSE OR IMPROVED LARGE BELL — This week, scarlet fruits are three inches in length and two inches in diameter, with thick mild flesh; of excellent quality for use in salads and pickles. A most popular and desirable sort, one of the best to grow for the market. Pkt. 5c, oz. 20c, lb. 60c, lb. $2.25, prepaid.

BRIGHT RED CAYENNE — Twisted and pointed pods about 4 inches long, of bright red color; strong and pungent. Pkt. 5c, oz. 20c, lb. 60c, lb. $2.00, prepaid.

SCHILLER'S QUALITY — The Quality and Quantity Pepper, a heavy yielder of large, beautiful scarlet fruits, about 5 inches long and 3½ inches across. Very mild. Packet 10c, oz. 30c, lb. 1.00, prepaid.

NEAPOLITAN — Especially valuable for our northern states on account of its earliness. Very prolific, fruit of large size, flesh very thick, exceedingly ripe, smooth and mild. Bright red when ripe. Packet 10c, ½ oz. 20c, oz. 35c, lb. 1.00, prepaid.

SWEET MOUNTAIN OR SPANISH MAMMOTH — The fruit does not ripen until very late. It is very long, often 8 inches or more in length. Bright red in color. Flesh very thick, sweet and mild flavored. Pkt. 5c, oz. 15c, lb. 50c, lb. $1.00, prepaid.

GIANT CRIMSON — The earliest maturing of the very large sweet peppers. The fruits are heavier on an average than any other kind, as the flesh is unusually thick. Color deep crimson when matured, flavor very mild. Packet 10c, oz. 35c, lb. 1.00, prepaid.

MAMMOTH GOLDEN QUEEN — The fruits average larger than Ruby King. 8 to 10 inches long, bright, waxy golden yellow, and of mild flavor. Pkt. 5c, oz. 15c, lb. 50c, prepaid.

FOR PEPPER PLANTS SEE PAGE 74.
NORTHERN GROWN HARDY SEED PEAS

OUR NORTHERN GROWN, HARDY, VIGOROUS SEED PEAS WILL ALWAYS GIVE THE BEST RESULTS.

Peas mature earlier in a light, rich soil; for the general crop a moderately heavy soil is best. Commence sowing the early varieties as soon as the ground can be worked, continue for a succession every two weeks until June. It is a good plan to sow the early, second early and late varieties at the same time for succession. One quart for 100 feet of drill, 1/2 to 2/5 bushels per acre.

EXTRA EARLY VARIETIES.

NEW SAXONIA—The earliest large podded pea. See Novelties
PEIDIGREE FIRST AND BEST—Height 8 to 21/2 feet. This is the standard Extra Early Pea. It grows very vigorously, is very productive and ripens extremely early. Pods are medium sized, and well filled with peas of good size and fair quality. Pkt. 5c, 1/2 pint 15c, qt. 40c, prepaid. —Quart 25c, 1/2 pt. 75c, pk. $1.30, bu. $6.00, not prepaid.
LIGHTNING—Height 2 feet. A pedigree strain of First and Best and the earliest pea grown; it will produce peas fit for the table in 45 days. This strain has been produced by careful work of many years in selecting and reselecting seed stock, and excels all others in earliness, size of pods, uniformity of ripening and vigor of growth. Packet 10c, 1/2 pt. 20c, qt. 45c, prepaid. —Qt. 30c, 1/2 pt. 90c, pk. $1.60, not prepaid.

ALASKA OF EARLIEST OF ALL—Height 23/4 feet. An extra early blue pea; vines are very stout, and loaded with large dark green pods, well filled with smooth, blue peas which are very sweet. Our stock is grown from carefully selected seed. A valuable variety for the market gardener, and largely grown by canners. Pkt. 5c, 1/2 pint 15c, qt. 40c, prepaid. —Qt. 25c, 1/2 pt. 70c, pk. $1.30, bu. $5.00, not prepaid.

ALASKA, KEENEY'S PURE—Height 21/2 feet. This pedigree strain, which has been developed by pea experts by a most careful selection for many years, is the finest, really pure stock of Alaskas in the market. It matures practically the entire crop at one time. Of great value to the market gardener. Packet 10c, 1/2 pint 20c, qt. 45c, prepaid. —Quart 30c, 1/2 peck 85c, peck $1.00, bu. $6.00, not prepaid.

AMEER OR LARGE ALASKA—Height 21/2 feet. A splendid early sort, resembling the Alaska in manner of growth, but differing from that variety in the much larger size of its pods, and in the time of ripening, which is a week later; owing to the great productiveness, the Ameeer is now largely planted by market gardeners. Pkt. 5c, 1/2 pt. 15c, quart 45c, prepaid. —Quart 30c, 1/2 pt. 90c, pk. $1.60, not prepaid.

FILLBASKET—Height 2 1/2 to 5 feet. The vines are of strong, sturdy growth, decidedly branching and bear an enormous crop of magnificent, large, round pods, each containing 8 to 12 peas of remarkable size and very rich and sugar flavor. Finest second early pea for market and family garden. Pkt. 5c, 1/2 pt. 15c, quart 45c, prepaid. —Quart 30c, 1/2 peck 95c, peck $1.75, not prepaid.

EARLY TO THRUM—Height 21/2 inches. Well known dwarf pea, which is in great demand for the small home garden. Very hardy and prolific. Pkt. 5c, 1/2 pt. 15c, quart 45c, prepaid. —Quart 30c, 1/2 peck 95c, peck $1.75, not prepaid.

EXTRA EARLY WRINKLED PEAS.

SURPRISE OR ECLIPSE—Height 2 feet. (See illustration at top of page.) The earliest of all sweet, wrinkled sorts. This new variety is similar to the Alaska in size and form of the pod and in time of ripening, but has the tender quality and delicate flavor of the best wrinkled sorts, and is most desirable for those who wish an early pea with flavor and quality to please the most fastidious. A favorite with canners on account of its fine flavor. Pkt. 5c, 1/2 pt. 15c, quart 40c, prepaid. —Quart 25c, 1/2 peck 85c, peck $1.00, bu. $6.00, not prepaid.

F. S. & N. CO'S PIONEER—Height about 2 feet. A new Giant Podded, first early pea which has won great popularity. The plant is unusually robust in habit, and carries a heavy crop of long pointed pods of dark green, which are well filled with rich-flavored peas. So numerous are the pods that the plants present a most striking appearance while growing. Pkt. 10c, 1/2 pt. 20c, quart 45c, prepaid. —Quart 30c, 1/2 peck $1.15, peck $2.00, not prepaid.

EARLY JINN—Height about 3 feet. This grand introduction maintains its reputation as one of the best early marrowfat peas ever raised. It is a rapid grower, ripening earlier than either Thomas Laxon or Gradus. The best money making early pea for the market gardener. It is an enormous cropper. The pods are very large and well filled, and are often ready to pick during June. Pkt. 5c, 1/2 pt. 15c, quart 45c, prepaid. —Quart 30c, 1/2 peck 95c, peck $1.75, not prepaid.

GRADUS OR PROSPERITY—Height 3 to 31/2 feet. An extra early wrinkled pea with immense pods, as large as those of the Telephone, which contain peas of superb quality, luscious and sweet. The vines are similar in appearance to that of the Telephone, the pods are uniformly well shaped and handsome, the peas are very large and of a beautiful green color, which they retain after cooking. On account of its earliness, large sized pod and splendid quality, one of the best varieties to grow for early market. Pkt. 5c, 1/2 pt. 15c, quart 45c, prepaid. —Quart 30c, 1/2 peck 95c, peck $1.75, $6.00, not prepaid.

THOMAS LAXON—Height 3 to 31/2 feet. An early wrinkled variety of great merit. Vines similar to that of Gradus, but darker in color. Pods are large, long, with square ends and are similar to those of the Champion of England and as uniformly well filled. The peas are very large, fine colored and unsurpassed in quality. We are certain that the earliness and productiveness of this pea need only to be known to make it one of the most popular sorts for the market and home garden. Pkt. 5c, 1/2 pt. 15c, quart 45c, prepaid. —Qt. 30c, 1/2 pt. 50c, peck $1.75, bu. $6.50, not prepaid.

F. S. & N. CO'S SUCCESSION COLLECTION OF PEAS.

To comply with the wishes of many of our customers, we offer herewith collections of peas for the home garden, consisting of successively maturing wrinkled varieties which will furnish a continuous supply of delicious peas for the table through the summer.

THREE EXCELLENT TALL VARIETIES.

Thomas Laxon, early. Pkt of each variety for 15c, prepaid. 1 pt. 45c. Telephone, medium. 1 qt. 80c. Champion of England, late. 1/2 peck 2.45.

THREE EXCELLENT DWARF VARIETIES.

Sutton's Excelsior, early. Pkt of each variety for 25c, prepaid. 1/2 pt. 50c. Advance, medium. 1 qt. 85c. Dwarf Telephone, late. 1/2 peck 2.45.
PEAS. Continued.

Dwarf Extra Early Wrinkled Varieties.

GIANT LAXTONIAN—The New Dwarf Gradus Pea. Height about 16 inches. This is the largest podded early pea in existence, requiring no support. Pods are as large as Telegraphone, well filled with 8 to 10 large peas of delicious flavor. It is a true Marrowfat Pea, having the richness and unsurpassed quality of the best late Marrowfat varieties. The vines are vigorous, producing heavy crops. Pkt. 10c, ½ pt. 20c, qt. 50c, p'p'd.—Qt. 40c, ½ pt. $1.25, pk. $2.82, not prepaid.

S. & N. CO.'S LITTLE MARVEL—Height 15 inches. The vines grow very even and uniform, and produce very abundantly good sized pods, frequently in pairs. Pods are very well filled with delicious, deep green peas and the crop is ready for use as soon as American Wonder and more productive. An excellent variety for market on account of the very dark green pods. Pkt. 10c, ½ pint 20c, quart 50c, prepaid.—Qt. 35c, ½ pt. $1.00, pk. $1.85, bu $7.00, not prepaid.

AMERICAN WONDER—Height 12 to 15 inches. An old variety, well known and highly prized for its flavor and abundance of the very best. Of dwarf, robust habit and bearing in abundance good sized, well filled pods. In great demand for the home garden. Pkt. 5c, ½ pt. 15c, quart 45c, prepaid.—Quart 30c, ½ peck 90c, peck $1.65, bushel $6.00, not prepaid.

TIP'S EXCLUDER—Height about 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It outyields that variety and the American Wonder and is as early as the latter. The pods are about 3 inches long and each pod contains from 6 to 8 large peas which are tender and of very fine flavor. Pkt. 10c, ½ pt. 20c, quart 50c, prepaid.—Quart 35c, ½ peck 95c, peck $1.75, bushel $6.50, not prepaid.

PREMIUM GEM—Improved Little Gem. Height 15 to 18 inches. A trifle later than American Wonder; it is however a better yielder. The pods are medium sized wrinkled peas. Packet 5c, ½ peck $1.50, bushel $5.75, not prepaid.

SUTTON'S EXCLUDER—Height 18 inches. This pea is regarded by growers as the best early dwarf, wrinkled variety introduced so far. Vines of vigorous growth; pods are large and broad, of light green color; the quality is unsurpassed. Very hardy, therefore permitting early planting. The pods mature only a few days later than Sutton's Exclusive. Packet 10c, ½ pt. 20c, quart 50c, prepaid.—Quart 35c, ½ peck 95c, peck $1.50, bushel $6.50, not prepaid.

Second Early and Main Crop.

POTLATCH or BIG DINNER—This splendid variety ripens as early as Premium Gem, but the pods are much larger, usually borne in pairs and in greatest profusion. Strong, vigorous vines of even growth, 18 to 30 inches in height, with luxuriant dark foliage, bearing pods 8 to 14 inches in length, broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. Every gardener will find "Potlatch" to be a profitable crop. Packet 10c, ½ pt 15c, quart 45c, prepaid.—Quart 30c, ½ peck 95c, peck $1.50, bushel $6.00, not prepaid.

F. S. & N. CO.'S ADVANCE—Height 2 feet. Very extensively grown by market gardeners, and also quite largely used by canners. The Advance is nearly a week later than the Little Gem, and is of healthy, compact growth, bearing in abundance good sized pods, completely filled with dark green, large wrinkled peas which are exceedingly tender, sweet, and finely flavored. Packet 5c, ½ pt 15c, quart 45c, prepaid.—Quart 30c, ½ peck 95c, peck $1.50, bushel $5.50, not prepaid.

HORSEFORD'S MARKET GARDEN—Height 8 ft. A very fine, second early dwarf, wrinkled variety, not only good for family gardens, but also for canners and especially for market gardeners' purposes. A most prolific bearer. Pkt. 10c, ½ pt 15c, quart 45c, prepaid.—Quart 25c, ½ peck 85c, peck $1.80, bushel $5.50, not prepaid.

DWARF CHAMPION or JUNO—Height about 2 feet. A very popular main crop sort for the market, as well as for the home garden. The vines are hardy and unusually productive. The pods are fully 4 inches long, broad, handsome and very well filled with large peas which are tender and unsurpassed in quality. Pkt. 5c, ½ pt 15c, quart 45c, prepaid.—Quart 30c, ½ peck $0.85, peck $1.80, bushel $5.50, not prepaid.

IMPROVED STRATAGEM—A very fine Main Crop Dwarf Pea. Height about 2 feet. By many considered the highest quality of all peas. Vines is very robust, with large foliage. Requires no support. The pods are long, dark green in color, filled with immense peas of delicious sweetness. Fits for market and home garden. Packet 10c, ½ pt 15c, quart 45c, prepaid.—Qt. 30c, ½ pk. 1.00, pk. 1.75, bu $6.50, not prepaid.

DWARF TELEPHONE or DAISY—Height 18 inches. Excellent second dwarf pea with immense pods and peas. A magnificent sort. The self-supporting, stout plants are loaded with large, bright green pods, which are always well filled, each pod containing from 8 to 10 peas of bright green color, tender and of delicious flavor. Packet 10c, ½ pt 20c, quart 50c, prepaid.—Quart 35c, ½ pk. 1.00, pk. 1.85, bu $7.00, not prepaid.

Edible Potted Sugar Peas.

MOEBER'S GIANT SUGAR—A new variety from Europe and the largest podded and finest flavored of all sugar peas. The pods are truly immense in size, 6 to 8 inches long and very broad. An extremely heavy yielder. In quality it is unequalled. Vines grow about 5 feet high, are hardy and vigorous. Packet 10c, ½ pt $0.20, quart 85c, prepaid.

TALL HEATING SUGAR—Well deserves its name, for this pea is unquestionably the best in size of pod, prolific bearing and delicious quality. Pods snap without any string, and when cooked are very sweet and tender. Packet 5c, ½ pt 15c, quart 45c, prepaid.—Packet 35c, ½ peck $1.25, peck $2.25, not prepaid.

MAMMOTH PODDED SUGAR—A late sugar podded pea, Vine 4 to 5 feet. Quality the best of sugar peas. Pods 5 to 6 inches long, thick and fleshy. Cooked like string beans, they are a delightful dish. Immensely productive. Price same as preceding.

DWARF SUGAR—Early and productive. Pods are broad, flat and crooked and are cooked when young as the string beans; they are very sweet, tender and delicious. Packet 5c, ½ pt 15c, quart 45c, prepaid.—Packet 35c, ½ peck 90c, peck $1.60, not prepaid.

FIELD PEAS. CANADA YELLOW—The dry peas are of good size and excellent for cooking. Successes well most anywhere and is very prolific. ½ pt 10c, quart 35c, prepaid. Quart 20c, ½ peck 65c, not prepaid. For prices on larger quantities see Farm Seed Department.
PEAS. Continued.

Tall Varieties For Main Crop.

PRINCE EDWARD OR PRODIGIOUS—Splendid new awakener pea. See Novelties.

QUITE CONTENT—Pods longer and larger than those of any other pea in cultivation. No pea of modern times has attracted so much attention as Quite Content; it is the finest exhibition pea ever seen and has won more prizes than any other variety. Height 5 to 6 feet. This grand new pea bears pods measuring from 6 to 7 inches in length and containing 10 to 12 large, wrinkled peas which are of the finest table quality. Quite Content is a late variety and has dark green foliage. The pods also dark green, hang mostly in fours, and are borne in great profusion. It is a pea with which everybody—the grower on account of its great productiveness and high market value, the consumer on account of its exquisite table qualities—should be "Quite Content". Pkt. 10c, ½ pint 20c, quart 85c, prepaid. Qt. 40c, ½ peck $1.35, pk. $2.50, not ppd.

COLOSSUS—A splendid new sweet, wrinkled, munmooty pea of the large podded Telephone type, but the pods are larger and the peas sweeter. The plants are of healthy, vigorous growth, the vines attaining a height of 6 feet: foliage and pods are of a rich dark green color. As a heavy cropper it bears all late varieties. Quite extensively grown by market gardeners. Packet 5c, ½ pint 15c, quart 45c, prepaid. Quart 30c, ½ peck 90c, peck $1.00, bu. $6.00, not prepaid.

ALDERMAN—(Also called Improved Telephone and Admiral Dewey.) Height 4 to 5 feet. The vines are remarkably healthy and vigorous, producing an abundance of pods of immense size, quite often measuring six inches in length, which are well filled with sweet and tender peas of the largest size. Foliage, vines and pods are of a rich dark green color. As a heavy cropper it bears all late varieties. Quite extensively grown by market gardeners. Packet 5c, ½ pint 15c, quart 40c, prepaid. Quart 25c, ½ peck 80c, peck $1.45, bu. $5.50, not prepaid.

CARTER'S TELEPHONE—Height 4 feet. On account of its beautiful large pods and high quality, one of the leading peas with market gardeners. Vines are vigorous and produce an abundance of very large pods, filled with immense peas, which are tender, sweet and of excellent flavor. Packet 5c, ½ pint 15c, quart 40c, prepaid. Quart 25c, ½ peck 80c, peck $1.45, bu. $5.50, not prepaid.

BOSTON UNRIVALED—Height 5 feet. An improved strain of Carter's Telephone, with light-colored leaves and pods like the old variety. The vines are covered with fine large pods, measuring 5 inches in length by ½ inch in width, and containing from 7 to 8 large peas of the finest flavor. We recommend this variety especially to our market gardener customers as the finest stock of Telephone peas. Packet 10c, ½ pint 20c, quart 45c, prepaid. Quart 30c, ½ peck 90c, peck $1.65, bu. $6.00, not prepaid.

CHAMPION OF ENGLAND—Height 5 feet. Altogether one of the oldest of the tall growing late peas, it is universally admitted to be one of the richest and best flavored varieties. The vigorous vines produce large pods of luscious peas in the greatest abundance. Packet 5c, ½ pint 15c, quart 35c, prepaid. Quart 25c, ½ peck 85c, peck $1.35, bu. $5.00, not prepaid.

WHITE MARROWFAT—Height 3½ feet. A very heavy yielding, late variety. Pods large and well filled. Vines hardy, vigorous and robust. The dry peas are of large size and excellent for cooking. Packet 5c, ½ pint 15c, quart 35c, prepaid. Quart 25c, ½ peck 85c, peck $1.10, bu. $4.75, not prepaid.

IMPROVED SUGAR MARROWFAT—Height 3½ feet. Much better than the old White marrowfat. Pods larger, well filled with large peas of the true marrow flavor, very sweet and tender. A very fine sort for the home garden. Packet 5c, ½ pint 15c, quart 40c, prepaid. Quart 25c, ½ peck 75c, peck $1.30, bu. $4.75, not prepaid.

MISCELLANEOUS.

ALPINE EVERBEARING STRAWBERRIES.

These grow freely from seed and fruit the first summer. In March or April sow seed under glass, and in May transplant to the open ground. The first fruits ripen about the 15th of July, from that time on there is ripe fruit continually until late in October. The berries, while not so large as the garden varieties, are much higher flavored and aromatic. Perfectly hardy. Can be grown in pots in the house very easily. Packet 10c, 3 for 25c, prepaid.

GARDEN LEMON.

Fruit is of same shape but somewhat smaller than Vine Peach, which it resembles in growth, but has thinner flesh, and is decidedly more acid, thus dispensing with the sliced lemons which are so important in putting up the Vine Peach. Directions for cooking with each packet. Pkt. 5c, oz. 15c, lb. 45c, prepaid.

PEANUTS.

Peanuts may be grown successfully as far north as central Minnesota and South Dakota. Plant in rows 3 to 4 feet apart, placing the nuts about 6 inches apart in the rows. Let the children grow them, it will afford them lots of pleasure.


LARGE VIRGINIA—The heaviest yielder, but a little later maturing than above sorts.

Price for both varieties: Large packet 10c, lb. 40c, prepaid. Not prepaid, lb. 30c, 5 lbs. $1.00.

TOBACCO.

LARGE HAVANA—Very early, yields well and is of fine quality. Packet 5c, oz. 25c, lb. 75c, prepaid.

CONNECTICUT SEED LEAF—Best known and most planted sort. Packet 5c, oz. 25c, lb. 75c, prepaid.

WHITE BURLEY—A greatly improved type, has very large leaves. Packet 10c, oz. 35c, lb. 1.00, prepaid.
RADISHES.

One ounce will sow 100 feet of drill, 8 to 10 lbs. per acre. For first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season, for succession. A warm, sandy loam, mulched rich and light by strong manure is the best. Sow in drills 10 to 12 in. apart. The winter varieties should be sown in July and August.

EARLY SCARLET TURN-NIP—A round red, turnip-shaped radish, with a small top and of very quick growth. A very early variety, deserving general cultivation on account of its rich color and crisp, tender flesh. Pkt. 5c, oz. 8c, 1/2 lb. 20c, lb. 60c, prepaid.

EARLY SCARLET TURN-NIP, WHITE TIP—A most popular and attractive variety, a great favorite in many large markets. The radish is a bright scarlet, with white tip, and of a beautiful shape; flesh white, crisp and finely flavored. Our strain is the finest in the market, and always produces radishes of fine scarlet color with a distinct white tip. Pkt. 8c, oz. 8c, 1/2 lb. 20c, lb. 60c, prepaid.

F. S. & N. CO'S EARLIEST EFFURT—The earliest variety, of excellent quality. The roots are small, nearly round, of bright scarlet color, with very small tops; the flesh is white, crisp and tender. Fine for outdoor growing and one of the best varieties for forcing, being fit for the table in 10 to 20 days. A very handsome variety. Pkt. 8c, oz. 10c, 1/4 lb. 25c, lb. 75c, prepaid.

EARLY WHITE TURNIP—An early pure white radish. While generally used for early outdoor planting, its small top makes it suitable for forcing also. Flesh white, semi-transparent, crisp and tender. Pkt. 5c, oz. 8c, 1/2 lb. 20c, lb. 65c, prepaid.

IMPROVED EARLY SCARLET GLOBE—The leading variety of radishes with market gardeners; equally as good for forcing in green houses and hot-beds as for open garden culture. Almost exclusively grown by market gardeners near the Twin Cities. A very handsome radish of rich, bright scarlet color and oval shape, with very small tops; the flesh is delightfully crisp, juicy and tender. An extra early variety, fit to be pulled in about three weeks.

Our strain was selected with the greatest care as to size, shape, color and earliness, was grown from transplanted roots and is fully equal, if not superior, to any other stock of this variety. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 80c, prepaid.

ROSSY GEN or SCARLET TURNIP WHITE TIP FORCING—A very beautiful variety of deep scarlet color, with a large white tip; earlier than the Scarlet Turnip White Tip; a very popular market sort for forcing as well as outdoor planting. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 80c, prepaid.

EARLY WHITE MAY—A beautiful olive-shaped radish, of clear white color. It is one of the very earliest varieties, ready for the table in about 20 days from sowing. The flesh is white, crisp, tender and of delicious flavor. Pkt. 8c, oz. 10c, 1/4 lb. 25c, lb. 65c, prepaid.

FRENCH BREAKFAST—A quick growing, medium sized radish, oblong in shape; color a beautiful scarlet, except near the tip where it is pure white. A very early, not withstanding its size. Fine for outdoor forcing. Pkt. 5c, oz. 8c, 1/4 lb. 20c, lb. 60c, prepaid.

EXTRA EARLY SCARLET, OLIVE SHAPED—Roots olive shaped, skin scarlet; flesh white, tender and crisp. Early and best adapted for general crop, but may also be used for forcing. Pkt. 5c, oz. 8c, 1/4 lb. 20c, lb. 65c, prepaid.

GIANT WHITE STUTTGART—A turnip shaped, large white summer radish. Of fine quality, remaining in edible condition a long time. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 70c, prepaid.

F. S. & N. CO'S ALL SEASONS—May be sown from spring to August and used all season, summer and winter. Round, deep scarlet, excellent quality, always crisp and tender. Pkt. 8c, oz. 10c, 1/4 lb. 25c, lb. 90c, prepaid.

MIXED RADISHES—One sowing will produce a variety of delicious radishes the entire season. Our mixture contains early, summer and winter varieties. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c, prepaid.

I must speak words of praise for your seeds. Never before have I had such good success as with your seeds this year.

MRS. S. E. PETERSON
Reading, Minn.
RADISHES. Continued.

F. S. & N. CO'S ICICLE—The finest white radish. Plant ed in the spring the radishes are ready for use in 20 to 25 days; their long, slender form and pure paper-white skin make them most attractive. The flesh remains crisp and tender until the roots attain a large size. It is excellently adapted for forcing purposes as well as for successive sowing in the open ground. Pkt. 5c, ounce 10c, ½ lb. 20c, lb. 75c, prepaid.

EARLY LONG SCARLET, SHORT TOP—The long, slender, blunted colored roots are most attractive in appearance, crisp, brittle and of the choicest quality. They attain a length of 3 to 6 inches. Pkt. 5c, oz. 8c, ¼ lb. 15c, lb. 50c, prepaid.

CINNAMON MARKET or GLASS RADISH—Very similar to Early Long Scarlet, Short Top, but deeper red in color and remains a little longer in condition for use. Profitable market sort; very crisp and fine flavor. Pkt. 5c, oz. 10c, ½ lb. 20c, lb. 60c.

F. S. & N. CO'S CHARTER—The radishes are in good condition for the table very early and remain hard and crisp until they reach a diameter of about 1½ inches. The roots are bright, cylindrical, gradually tapering to a point, are scarlet rose in color, shading into white at the tip. Pkt. 5c, oz. 8c, ¼ lb. 20c, lb. 65c.

WINTER RADISHES.

Sow the seed the latter part of June, up to August 1st.

Culture same as for other radishes.

CALIFORNIA WHITE MAMMOTH—Long white, of large size. A good keeper; flesh tender and crisp. Pkt. 5c, oz. 10c, ½ lb. 20c, lb. 75c, prepaid.

CHINESE WHITE or CELESTIAL—The largest winter radish. Flesh is crisp and very mild. Grown extensively everywhere. Price the same as California White.

ALL SEASONS or ROUND SCARLET CHINA—Large round radish for summer and winter use. Excellent quality. Pkt. 5c, oz. 10c, ½ lb. 25c, lb. 90c, prepaid.

WHITE MUNCH—A fine green radish of good size and fine quality, mild and crisp. Of quick growth. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, prepaid.

ROSE CHINA—Of medium size, largest at the bottom. Slight tapering abruptly to a small top; color deep rose. Flesh is white, firm, crisp and pungent. Fine keeper. Pkt. 5c, oz. 10c, ½ lb. 20c, lb. 65c.

LONG BLACK SPANISH—Keeps longest of all winter radishes. Skin black; flesh white, crisp, quite pungent. Price same as Rose China.

ROUND BLACK SPANISH—Similar to Long Black, except in shape. Matures a little earlier. Price same as Rose China.

PUMPKIN.

Pumpkins are frequently planted in connection with a crop of corn, or as a second crop after early peas, etc. Plant in drills 8 to 12 feet apart. One ounce of seed for 25 hills; 2 to 4 pounds per acre. If planted with corn, 2 pounds will plant a row of 20 feet.

F. S. & N. CO'S SUGAR PIE—This is the small sweet pumpkin that has made the New England States famous for their pumpkin pies, "like grandmother used to make". It is a very fine grained, most deliciously sweet-flavored pumpkin, and also a splendid keeper all through the winter. The fruits average about 10 inches in diameter, are of a round, flattened shape, deep orange-yellow color, and are very attractive. Very prolific, succeeding splendidly in any location. Pkt. 5c, oz. 8c, ¼ lb. 25c, lb. 75c, prepaid.

GOLDEN OBLONG—A very productive variety; fruits about 20 inches in length and 8 to 10 inches in diameter. The flesh is golden-yellow and of very rich, fine quality, excellent for pies. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, prepaid.

JAPANESE PIE—Skin deep green with dark stripes; seeds are marked with curious indentations resembling the characters of the Chinese alphabet. Of medium size, early, very fine quality; good keeper. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

QUAKER PIE—Oval in shape, and of a creamy white color inside and out; the flesh is fine grained and rich flavored, and makes superior pies. It is an excellent keeper. Early and very productive. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

TENNESSEE SWEET POTATO—Medium sized, pear shaped, slightly ribbed, creamy white and of excellent flavor. Sweet and delicious, one of the best pumpkins for cooking purposes.

es. Very productive. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

F. S. & N. CO'S WINTER LUXURY—Generally regarded as the finest quality pie pumpkin. Besides its high quality it is the best winter keeper of all. In size about 8 to 10 inches in diameter; its skin is a beautiful deep orange-yellow and is russeted. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 90c, prepaid.

LARGE SWEET CHEESE—Of large size; flat shape, early and productive. Well flavored and sweet; good for pies and for canning, as well as for stock feeding. Skin orange-red; flesh yellow. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c, prepaid.

CONNECTICUT FIELD—An immensely productive variety. Large, orange colored field pumpkin, usually grown for stock feeding, but also making good pies. Oz. 8c, ¼ lb. 15c, lb. 40c, prepaid. 25 lbs. $1.15, 10 lbs. $2.45, not prepaid.

KENTUCKY FIELD—Of large size; about two feet in diameter, round, flattened, hardy and productive. A fine sort for family and market use. Ounce 5c, ¼ pound 15c, pound 40c, prepaid. 5 pounds $1.35, 10 lbs. $2.45, not prepaid.

MAMMOTH KING or JUMBO—Possesses the same characteristics as the Mammoth King, and roots are most attractive. Pkt. 5c, oz. 10c, ¼ lb. 40c, lb. 1.25, prepaid.

MAMMOTH TOURS—Of immense size, often weighing over 100 pounds; ovoid; skin green. Good sort for exhibition and for feeding stock. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 90c, not prepaid.

RHUBARB OR PIEPLANT.

Succeeds best in deep, rich soil. Sow in spring in drills, cover one inch. Thin plants to six inches apart. Transplant in autumn or spring to permanent beds.

RED FLESHED DELICACY—Dark red leaf-stems. See Novelties.

LINNETS—A very early variety, fine quality. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. $1.00.

GIANT VICTORIA—Larger than the above, a good seller in all markets; of excellent quality. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. $1.50, prepaid.

FOR RHUBARB ROOTS SEE PAGE 103.
SPINACH.

Succeeds best on rich, well-drained soil. Sow early in spring one inch deep, in rows 12 to 15 inches apart. For succession sow every two weeks until June. For early spring sow in August and cover over winter. One ounce of seed for 100 foot row; 12 to 15 pounds per acre, or 20 pounds broadcast.

**F. S. & N. CO.'S GIANT FILLBASKET**—A fine new variety introduced from Germany. The plants form large bushes with dark, glossy green leaves, very thick in texture. A quick grower, furnishing enormous quantities of tender leaves; of finest flavor when cooked. Suitable for early and late plantings. Packet 5c, oz. 10c, 34 lb. 20c, 60c, prepaid.—5 lbs. $2.35, not prepaid.

**BLOOMSDALE SAVOY LEAVED**—The earliest variety and one of the best to plant in autumn for early spring use. Plants of upright growth, with medium sized, dark green, pointed leaves which are crumpled or blistered, like those of savoy cabbage. Used extensively by market gardeners. Ounce 5c, 14 lb. 15c, 45c, prepaid.—5 lbs. $1.60, not prepaid.

**VICTORIA**—The foliage is heavy, the broad, dark green leaves being of the true savoy appearance, and of the finest quality, but the feature that makes it of special use for market and family gardens is that it is still in prime condition from 2 to 3 weeks after all other varieties have run to seed. Oz. 5c, 14 lb. 15c, 45c, prepaid.—5 lbs. $1.60, not prepaid.

**NEW ZEALAND**—(Everlasting Spinach)—This is grown to supply the place of the ordinary spinach during the hottest months of the year, or in dry, arid localities, where the ordinary spinach does badly. Plant is very large, with thick, fleshy leaves of very fine flavor. Packet 5c, oz. 10c, 14 lb. 25c, 1b. 75c, prepaid.

**ORACHE OR MOUNTAIN SPINACH**. (French Spinach)—Grow anywhere and withstand severe weather with only slight protection of leaves or straw. It is desirable for fall sowing. The seed is prickly. Price same as Victoria.

**MUNSTERLAND**—A novelty of the greatest merit; the only real hardy winter spinach; the leaves are large, dark green and of fine quality. Packet 5c, 14 lb. 15c, 50c, prepaid.—5 lbs. $1.85, not prepaid.

**SALISFY OR VEGETABLE OYSTER.**

**MAMMOTH SANDWICH ISLAND**—An improved type of the Long White, producing roots of uniformly double the size and weight of those of the old variety, and of very superior quality and delicious flavor. Packet 5c, oz. 10c, 14 lb. 25c, 5c, 85c, prepaid. 10c, oz. 20c, 14 lb. 60c, prepaid.

**GIANT BLACK RUSSIAN**—The best and largest of the black skinned sorts. Considered by many to be one of the best of the White Salisfies. Packet 10c, oz. 20c, 14 lb. 60c, prepaid.

**SQUASH.**

Plant seed in extra fertile soil in the spring when danger of frost is past. The vining varieties should be planted in hills 5 or 10 feet apart each way, and the bush varieties from 4 to 5 feet. Place 10 seeds in a hill and cover with an inch of soil. When plants are well started thin out. One ounce of seed for 25 hills. For running varieties 3 to 4 lbs. per acre; bush varieties require 6 lbs. of seed per acre.

**SUMMER Varieties.**

**GIANT YELLOW SUMMER CROOKNECK**—This strain is equally as good as the common small-fruited variety, while the squashes grow to a much larger size, measuring from 18 inches to 2 feet in length. A great favorite with the market gardeners. Packet 5c, oz. 10c, 14 lb. 25c, 5c, 85c, prepaid.

**EARLY WHITE BUSH SCALLOPED**—The plants are of true bush growth, producing fruits early in the summer, which are clear, waxy white; excellent for table use. Packet 5c, oz. 5c, 14 lb. 20c, 75c, prepaid.

**YELLOW BUSH SCALLOPED**—Similar to the White Bush, but of deep orange color. Flesh pale yellow. Packet 5c, oz. 5c, 14 lb. 20c, 75c, prepaid.

**WINTER Varieties.**

**CHICAGO WARTED HUBBARD**—The ideal winter squash for the home or the market. This strain of the well-known Hubbard was produced by careful selection of large, dark green, very large, warted specimens of the old variety. Vines are strong, robust growth. The fruits are large, handsomely shaped, with dark green, heavily warted skin and with flesh of bright orange-yellow color, fine-grained, dry, and of sweet, rich flavor. Our seed is Minnesota grown, and will produce fine, large fruits earlier and of better keeping qualities than seed grown in any other state. Packet 5c, oz. 5c, 14 lb. 25c, 5c, 85c, prepaid. 10c, oz. 20c, 14 lb. 60c, prepaid.

**HUBBARD**—The original Hubbard; is similar to the above, but smoother and does not run quite so large. Packet 5c, oz. 10c, 14 lb. 30c, 1b. 100, prepaid.

**GOLDEN HUBBARD**—This is a true Hubbard squash, except in color, which is orange-red. The fruits are very uniform in size, weighing from 8 to 18 pounds, and in shape are like the Hubbard. Altho in condition for use much earlier, they are wonderfully long keepers. The flesh is a deep orange and uniformly so to the shell, cooks very dry, is fine-grained and well flavored. Packet 5c, oz. 10c, 14 lb. 20c, 75c, prepaid.

**MAMMOTH CHILI**—Under special cultivation the fruits attain a very great weight, and are of attractive appearance. The skin is smooth, and of a rich orange-yellow flesh very thick, fine-grained and sweet. Very desirable for stock feeding and exhibition purposes. Packet 5c, oz. 10c, 14 lb. 30c, lb. 51.00, prepaid.

**PIKE'S PEAK or SIBLEY**—One of the sweetest, drier, and best of all late squashes. The form is entirely distinct, having pear-shaped. The shell is hard and of a pale green color; the flesh thick, fine-grained, of a delicate flavorful and brilliant orange color. Packet 5c, oz. 10c, 14 lb. 30c, lb. 51.00, prepaid.

The seeds ordered from you were excellent, especially the Hubbard Squash and Red Weatherfield Onions.

FRED W. RUNC, Springfield, Minn.
TOMATOES.

Tomatoes succeed best in well manured, light sandy soil. For early plants sow seed in boxes or hotbeds in March. When the plants are about two inches high, transplant to four inches apart each way. Set out of doors as soon as danger of frost is over. Transplant carefully, four feet apart each way, and cultivate well as long as it rains. To obtain early fruit pinch off the ends of the branches when the first fruit is set. Our seed stock is of the very best selection. One ounce of seed for 500 plants.

PARFAIT DWARF CHAMPION.—A dwarf Champion with fruit twice the size of the old variety, and of delicious flavor unequalled in any other kind. The best of all true Tomatoes. See Novelties.

SCARLET EARLY EXTRA JUNE—Our Extra Early June is earlier than any other sort without exception, ripening a week earlier than the Earliana. It is exceedingly productive and perfectly smooth throughout the season. The fruits are of large size for an early sort of a deep glossy scarlet color. Its flavor is all that can be desired, very meaty, with fewer seeds than any other variety. The table quality is surpassed only by the large late heirloom sorts. The fruit ripens uniformly all over, the stem ends coloring up perfectly. For the market gardener as well as for the home gardener this tomato can be highly recommended. Packet 10c, ½ oz. 20c, oz. 30c, ½ lb. $1.00, prepaid.

F. S. & N. CO’s EARLIANA.—Next to our Extra Early June this is the earliest, smooth, bright red tomato of good size. The plants are compact in growth with short, close-joined branches, setting fruits very freely. The tomatoes are quite uniform in size and shape. Their color is a deep rich red. The flesh is firm, solid, and excellent for shipping purposes. Our strain is very fine. Packet 5c, oz. 20c, ¼ lb. 60c, lb. $2.25, prepaid.

FARIBAULT DWARF CHAMPION.—A dwarf Champion with fruit twice the size of the old variety, and of delicious flavor unequalled in any other kind. The best of all true Tomatoes. See Novelties.

EARLY MINNESOTA—Considered of great value here in the Northwest. It is the earliest tomato producing good marketable fruits. The fruits are of medium size, bright red solid, and handsome, making a very saleable market article, and excellent for cooking purposes. A very productive variety and succeeds everywhere. Packet 5c, oz. 25c, ¼ lb. 85c, lb. $2.75, prepaid.

EARLY MEXICO.—Our Early Mexico is an early sort of a good, full-sized tomato, of good color, shape and size. Very meaty, with solid, smooth, medium-sized fruits. A very productive variety. Packet 5c, oz. 25c, ¼ lb. 75c, lb. $2.75, prepaid.

CHALK’S EARLY JEWEL.—The largest, smoothest and finest flavored second-early scarlet tomato in cultivation. The plants grow compact with dark glossy scarlet fruit through the entire season. The large, handsome, bright scarlet fruits are very solid and deep thru, being almost round, and ripen right up to the stem without any cracks or green core and have comparatively few seeds. The flesh is thick and sweet, skin thin, but strong, making it a good shipper. Packet 5c. oz. 20c, ¼ lb. 60c, lb. $2.25, prepaid.

JUNE PINK—The earliest large pink tomato. Grown very largely as an extra early sort for market. Like St. Paul and Minnesotia, with pink sorts are preferred. Very similar to the Earliana, differing only in color. The fruit is of medium size, uniform, smooth, and attractively shaped, without cracks or any green core; will average 2½ to 3 inches in diameter, and 2½ to 3 inches in depth. Excellent for shipping purposes. A very productive variety. Packet 5c, oz. 25c, ¼ lb. 75c, lb. $2.75, prepaid.

BEAUTY—The standard large fruited, medium early, pink variety. A hardy, strong, productive grower, producing large, always smooth fruits of perfect shape, excellent quality, and purplish-pink color. The tomatoes grow in clusters of four to six and retain their splendid size until late in the season. Flesh is very firm; has a tough skin and but few seeds. Seldom rots or cracks after a rain. A good shipper once extensively grown in this state for the market. Packet 5c, oz. 15c, ¼ lb. 80c, lb. $1.75, prepaid.

NEW CO’S.—The largest tomato in cultivation. See Novelties.

DWARF CHAMPION OR EXTRA EARLY TREE.—On account of its dwarf, compact habit, it can be planted quite closely. Wonderfully productive. Fruits almost dark reddish-purple fruit size of medium size, very solid and firm. The vines are very strong and stiff, so that the plants need almost no support. Very desirable for the home garden. Pkt. 5c, oz. 25c, ¼ lb. 54c, lb. $2.00, prepaid.

NEW GLOBE.—A new and very attractive, large, purple fruited variety of excellent quality. Fruits are of beautiful globe shape, very smooth, of delicate, mild flavor, and ripen earlier than most main crop sorts—for slicing. A splendid cropper and an excellent keeper, fine for growing in greenhouses. This tomato is near an ideal home-garden sort as can be found. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. $2.50, prepaid.

IMPROVED TRIOPIE.—Very fine late, bright scarlet tomato. One of the best: fruit large, smooth, of very deep red color, and good flavor. Well known and largely planted. Packet Pkt. 5c, oz. 25c, ¼ lb. 60c, lb. $2.00.

F. S. & N. CO’S STONE.—More largely grown than any other variety. Very popular with canneries and market gardeners everywhere. We recommend this variety to all who want a large, smooth, late variety for the main crop. Fruits are of bright scarlet color, very large, round, slightly flattened and very smooth; they ripen evenly to the stem; the flesh is firm, solid, with very small core. A heavy yielder. Packet 5c, oz. 15c, ¼ lb. 50c, lb. $1.75, prepaid.

MATCHLESS.—This is a very large fruited and long keeping bright red tomato. The fruit is remarkably solid, very meaty, free from core, and is produced in quantity on strong, vigorous vines. A very desirable variety for main crop, unsurpassed for market or table use. Packet 5c, oz. 20c, ¼ lb. 60c, lb. $2.00, prepaid.

FAVORITE.—A standard early variety. Fruits are large, smooth, bright red. Fine quality, a good yielder, and excellent shipper. Packet 5c, oz. 15c, ¼ lb. 50c, lb. $1.75.

"JOHN BAER" TOMATO.—A splendid early tomato of recent introduction, producing beautiful, large, bright red, solid tomatoes early in the season. John Baer produces excellent, solid shipping tomatoes which ripen early, richly up to the stem and is an enormous cropper, and when ripe and ripe will not burst. This color is a silencing bright red, and it has a mild, deliciously sweet flavor. Almost seedless, a marvelous stem setter, often having two fruits in first cluster. It is solid and meaty and has just enough foliage. Will stand plenty of manuring without going to vine. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. $1.25.

PARAGON.—Well known mid-season variety with large fruits of glossy, deep-red color. Flesh solid, well colored and flavored. An immense cropper, will hold its size better late in season than any other sort. Many gardeners, canners and marketmen use Paragon exclusively. Packet 5c, oz. 20c, ¼ lb. 60c, lb. $2.00, prepaid.
family the entire season, and every owner of a garden should not fail to grow this wonderful tomato. Pkt. 10c, 3 for 25c.

GIANT PONDEROSA—The largest fruited tomato. A splendid variety for home use: quite free from soil, and very fine for slicing. It begins to ripen its early fruit and continues to bear until very late; fruit fairly smooth with very solid flesh, of sweet flavor, almost seedless, and of immense size, frequently weighing over 3 pounds; color deep purple. Vines vigorous and very productive. Is many considered to be the finest flavored tomato in existence. Pkt. 5c, oz. 25c, 1/2 lb. 5c, lb. $3.00, prepaid.

GOLDEN QUEEN—Best large yellow variety. The superior flavor of the large yellow varieties is bringing them into favor as a table fruit. Ripens very evenly; fruit is smooth, of good quality and fine flavor. Fine for the home garden and a good yielder. Pkt. 5c, 1/2 oz. 20c, 1/2 lb. 60c, lb. $2.25, prepaid.

PEAR—The fruit is of uniform size, round and of bright scarlet color; flesh solid and of the best quality with but few and small seeds cells. The plants are very productive. Very similar to Ponderosa differing only in the color of the fruits. Pkt. 5c, oz. 30c, 1/4 lb. 1.00, lb. $3.50, prepaid.

PEERLESS TREE—It grows from 10 to 15 feet in height, and if planted early will begin to ripen its luscious fruits as early as July 4th and continue to bear heavy loads of same until killed by frost. The flesh is firm and solid, almost seedless, fine grained throat and of the most delicious flavor ever found in a tomato. The fruits are of the largest size, weighing from 16 to 21 ounces. One well developed plant will produce enough fruit for a small

SMALL-FRUITED TOMATOES.

The fruits of these are largely used for making fancy pickles, preserves, etc.

Cherry red—Pkt. 5c, oz. 20c, 1/2 lb. 60c. Cherry yellow—Pkt. 5c, oz. 15c, 1/4 lb. 50c. Pear red—Pkt. 5c, oz. 15c, 1/4 lb. 50c. Pear yellow—Pkt. 5c, oz. 20c, 1/4 lb. 60c.

NEVERBURNING—Enormously productive, beginning to bear in June and the plants continue to produce fruits until cut down by frost. Fruits produced in immense clusters of fifty or more are plum shaped, bright scarlet, solid and of finest flavor. Excellent for preserving. Pkt. 5c, oz. 35c.

STRAWBERRY or HUSK TOMATO (Ground Cherry)—Plants of low spreading growth and immense productiveness. The small yellow fruits are eaten raw as they are highly esteemed for eating, preserving, or making pickles. Pkt. 5c, 1/2 oz. 15c, oz. 25c, 1/4 lb. 85c.

GARDEN HUCKLEBERRY.

This wonderful berry fruit belongs to the tomato family and produces berries about as large as an average sized gooseberry; they are of jet black color, and when cooked are as palatable as the real huckleberry. The berries do not taste well raw but they make better pies, jelly and sauce than the wild huckleberry. For winter use take up the vines just before frost and store them away. Cultivate same as tomatoes. Pkt. 10c, 3 for 25c.

SWEET, POT AND MEDICINAL HERBS.

Catnip or Catmint—Leaves and young shoots used for flavoring. Pkt. 5c, oz. 25c.

Chives—Leaves used for garnishing and flavoring; also for salads. Pkt. 5c, oz. 10c, 1/4 lb. 25c.

Chives—Used for seasoning. Of mild onion flavor. Pkt. 5c, oz. 30c, oz. 50c.

Coriander—Seeds are used in the manufacture of liquor and confectionery. Pkt. 5c, oz. 10c, 1/4 lb. 25c.

Dill—Seeds have an aromatic odor and pungent taste. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.

Fennel—Leaves are used in fish sauces, soups, garnishes, etc. Pkt. 5c, oz. 10c, 1/4 lb. 30c.

Hyssop—The tops and flowers are used for tea in asthma and chronic catarrh. Pkt. 5c, oz. 25c.

Lavender—An aromatic, medicinal herb. Much used to perfume linens. Pkt. 5c, oz. 15c, 1/4 lb. 50c.

Mint—Curred—For mint sauce and jellies. Pkt. (50 seeds) 10c, 200 seeds 25c.

Rosemary—Leaves are used for seasoning. Pkt. 5c, oz. 35c.

Saffron—Flowers are used for dyeing, also for flavoring. Pkt. 5c, oz. 10c.

Sage—The leaves and tops are used very extensively for seasoning. Pkt. 5c, oz. 15c, 1/4 lb. 40c.

Sorrel, Sauerampfer—Boiled and served like spinach, also delicious soup is made with it, possesses a very fine flavor. Pkt. 5c, oz. 10c, 1/4 lb. 50c.

Summer Savory—For flavoring soups, dressing, etc. Pkt. 5c, oz. 10c, 1/4 lb. 30c.

Sweet Woodruff—For flavoring wine. The well known ingredient of the German "Maltrank". The shoots are also used for scenting clothes. Pkt. 10c.

Tansy—Leaves are used for tea and in bitters. Pkt. 5c, oz. 25c.

Tarragon—Highly valued for seasoning and culinary purposes. Pkt. 10c.

Thyme—The young leaves and tops are used for seasoning soups, in dressings, etc., and tea made from the leaves is a remedy for headache. Pkt. 5c, oz. 30c, 1/4 lb. 81.00.

Wormwood—Used for medicinal purposes. Pkt. 5c, oz. 25c, 1/4 lb. 70c.
**TURNOIPS.**

One ounce will sow 125 feet of drill. Two lbs. per acre in drills, three lbs. broadcast. Turnips do best in a highly enriched sandy or light, loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and this out to 6 or 8 inches in the row. For late or main crop, sow in July and August.

**EXTRA EARLY WHITE MILAN**—The earliest of all turnips, and of excellent quality. The top is very small, upright and conical, so the rows can be planted close together. The roots are white, very smooth, flat and symmetrically shaped. The flesh is white, sweet and tender. Pkt. 5c, oz. 10c, ½ lb. 30c, lb. $1.00, prepaid.

**EXTRA EARLY PURPLE MILAN**—Similar to the White Milan, except that the roots are purple red on the upper portion. The roots are some of the very best extra early garden varieties which we have. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. $1.00, prepaid.

**SNOWBALL OR WHITE SIX WEEKS**—The earliest and most perfectly formed round white turnip. The roots are very uniform in size and shape, a short top and single tap root. The flesh is snowy white, cold, crisp and very sweet. It is of easy growth and suitable for first early as well as later sowings. We highly recommend it. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 70c, prepaid.

**WHITE EGG**—A very popular and early variety, adapted for either spring or fall sowing. It is perfectly smooth, with a clear white skin and flesh, and grows half out of the ground. A very fine kind for table use, heing of excellent flavor, mild and sweet. It is very attractive as the roots look like huge white eggs. Early and very productive, 600 handfuls having been raised to the acre as a second crop. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c, prepaid.

**EARLY WHITE FLAT DUTCH STRAP LEAVED**—A most excellent garden turnip, and like Purple Top Strap Leaf, a standard flat variety maturing at the same time. Root medium sized, from 4 to 5 inches in diameter and about 2 inches thick; color white; flesh white and soft, and very desirable for table use; a good keeper. Pkt. 5c, oz. 8c, ¼ lb. 15c, lb. 50c, prepaid—$1.75, 10 lbs. $3.25, not prepaid.

**AMERICAN PURPLE TOP WHITE GLOBE**—This is the most popular of all market turnips. Roots are of globular shape, and good size, and in appearance are the best of all varieties. The flesh is firm, fine grained, white and of most excellent flavor. It is a fine keeper and as desirable for table as for stock. An immense producer. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c, prepaid—$1.50, 10 lbs. $3.40, not prepaid.

**NORFOLK LARGE WHITE**—A well known large, late turnip of round shape. Yields enormous quantities of solid roots that keep longer than any other variety. Good for table use and stock. Extensively grown in many sections, especially in the East. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c, prepaid—$1.50, 10 lbs. $3.25, not prepaid.

**GOLDEN Ball**—A most delicate and sweet, yellow fleshed turnip of excellent flavor. Not of large size, but very firm, hard and keeps well. The flesh is yellowed and invigorated by manure to the white fleshed sorts. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c, prepaid.

**RUTBAGAS OR SWEDES.**

They require the same culture as Turnips but a longer season. For table use they are considered of better flavor and keep longer.

**BANGHOLM**—An excellent variety both in shape and quality. The roots are of large size, slightly tankard shaped, with small neck, flesh firm and yields well. The skin is yellow with purple top. The flesh is yellow, sweet and solid. A splendid keeper.

**BUDLONG’S IMPROVED**—White, very sweet, of much milder flavor than any other sort; globe shaped, skin creamy yellow.

**IMPROVED AMERICAN PURPLE TOP**—Our strain is remarkable for uniform shape and fine quality, and is a splendid keeper. The roots grow to a large size, have a good neck and smooth skin; the flesh is of beautiful yellow color, fine grained, very sweet, tender and of excellent flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c, prepaid.

**SWEET GERMAN**—Very popular in many sections; grows to a good size, and is the best for both table use and for feeding stock. The flesh is white, hard, firm and sweet; keeps as well as the yellow sorts.

**YELLOW JAMMOTH**—A large size root of good shape, a heavy yielder and very hardy. One of the most profitable sorts to grow. Keeps well.

**VEGETABLE PLANTS.**

We can supply good healthy plants of all the varieties listed below, in their proper season. Paking charges are included in the prices given.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Packets</th>
<th>oz.</th>
<th>1/2 lb.</th>
<th>lb.</th>
<th>2 lb.</th>
<th>5 lb.</th>
<th>10 lb.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CABBAGE, Early</td>
<td>Ready in April and May</td>
<td>Jersey</td>
<td>Wakefield, All-head or Surprise, Copenhagen Market</td>
<td>20c</td>
<td>$1.00</td>
<td>$0.75</td>
<td>$0.60</td>
<td></td>
</tr>
<tr>
<td>CABBAGE, Late</td>
<td>Ready in June</td>
<td>Holland or Danish Ball-head, Premium Late Flat Dutch</td>
<td>20c</td>
<td>$1.00</td>
<td>$0.75</td>
<td>$0.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RED CABBAGE</td>
<td>Ready in May</td>
<td>Danish Stonehead</td>
<td>25c</td>
<td>$1.25</td>
<td>$1.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAVOY CABBAGE</td>
<td>Ready in May</td>
<td>First of all</td>
<td>25c</td>
<td>$1.25</td>
<td>$1.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAULIFLOWER</td>
<td>Ready in April and May</td>
<td>Snowball</td>
<td>30c</td>
<td>$1.50</td>
<td>$1.25</td>
<td>$0.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CELERY, Early</td>
<td>Ready in June</td>
<td>White Plume, Golden Self Blanched</td>
<td>25c</td>
<td>$0.85</td>
<td>$0.65</td>
<td>$0.50</td>
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<tr>
<td>CELERY, Late</td>
<td>Ready in June</td>
<td>Giant Pacific</td>
<td>25c</td>
<td>$0.85</td>
<td>$0.65</td>
<td>$0.50</td>
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<tr>
<td>CHIVES</td>
<td>Ready in April</td>
<td>25c</td>
<td>$0.25</td>
<td>$0.15</td>
<td></td>
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<tr>
<td>EGG PLANT</td>
<td>Ready in May and June</td>
<td>Improved New York Purple</td>
<td>35c</td>
<td>$2.00</td>
<td>$1.75</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>GROUND CHERRY</td>
<td>Ready in May and June</td>
<td>Bull Nibs, Ruby King</td>
<td>35c</td>
<td>$1.75</td>
<td>$1.50</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PEPPER</td>
<td>Ready in May or June</td>
<td>Bell or Bell Nibs</td>
<td>55c</td>
<td>$1.75</td>
<td>$1.50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SWEET POTATO PLANTS</td>
<td>Ready in May and June</td>
<td>20c</td>
<td>$1.00</td>
<td>$0.75</td>
<td>$0.60</td>
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<tr>
<td>SAGE</td>
<td>Ready in May and June</td>
<td>25c</td>
<td>$1.50</td>
<td>$1.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOMATOES</td>
<td>Ready in May and June</td>
<td>Early Roman, New Stone, Dwarf Champion or Tree, Yellow Pear</td>
<td>60c</td>
<td>$2.00</td>
<td>$1.75</td>
<td></td>
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</tr>
</tbody>
</table>

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**Snowball Turnip**

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**F. S. & N. CO’S IMPERIAL.**—The great prize stock. This grand variety cannot be too highly recommended, as no other sort will produce such handsome forms and great yields. The best and longest keeper of all. It is necklace, very solid, of beautiful orange color, with a handsome purple top, and is the result of many years of careful selection. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, prepaid.
**COLLECTIONS OF GARDEN AND FLOWER SEEDS.**

**SMALL VEGETABLE GARDEN. Price 50 Cents Postpaid.**
Contains 1 packet each of the following 17 varieties of Vegetable and 1 packet of Mixed Flower Seeds.

<table>
<thead>
<tr>
<th>Vegetable</th>
<th>Packet oz.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cabbage</td>
<td>Early</td>
<td>30c.</td>
</tr>
<tr>
<td>Carrots</td>
<td>Early</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Cucumber</td>
<td>Early</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Kohlrabi</td>
<td></td>
<td>1 oz.</td>
</tr>
<tr>
<td>Lettuce</td>
<td>Early Curled</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Melon</td>
<td>Musk</td>
<td>25c.</td>
</tr>
<tr>
<td>Onion</td>
<td>Parsley, Curled</td>
<td>25c.</td>
</tr>
<tr>
<td>Radish</td>
<td>Early</td>
<td>25c.</td>
</tr>
<tr>
<td>Spinach</td>
<td></td>
<td>25c.</td>
</tr>
<tr>
<td>Tomatoes</td>
<td>Early</td>
<td>25c.</td>
</tr>
<tr>
<td>Turnips</td>
<td>Flat, Early</td>
<td>25c.</td>
</tr>
<tr>
<td>Marjoram</td>
<td>Flower Seed, Choice mixed.</td>
<td>25c.</td>
</tr>
</tbody>
</table>

**LARGE VEGETABLE GARDEN. Price $1.00 Postpaid.**
Contains 1 packet each of the following 36 varieties of Vegetable and 1 packet of Mixed Flower Seeds.

<table>
<thead>
<tr>
<th>Vegetable</th>
<th>Packet oz.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Celery</td>
<td></td>
<td>25c.</td>
</tr>
<tr>
<td>Corn, Sweet Extra Early</td>
<td></td>
<td>25c.</td>
</tr>
<tr>
<td>Cucumber</td>
<td>Pickling, Kohlrabi</td>
<td>25c.</td>
</tr>
<tr>
<td>Lettuce</td>
<td>Early Curled</td>
<td>25c.</td>
</tr>
<tr>
<td>Melon</td>
<td>Musk</td>
<td>25c.</td>
</tr>
<tr>
<td>Onions</td>
<td>Red</td>
<td>25c.</td>
</tr>
<tr>
<td>Parsley</td>
<td>Curled</td>
<td>25c.</td>
</tr>
<tr>
<td>Parsnips</td>
<td>Long White</td>
<td>25c.</td>
</tr>
<tr>
<td>Peas</td>
<td>Early</td>
<td>25c.</td>
</tr>
<tr>
<td>Late</td>
<td>25c.</td>
<td></td>
</tr>
<tr>
<td>Pumpkin</td>
<td></td>
<td>25c.</td>
</tr>
<tr>
<td>Radish</td>
<td>Round, Red</td>
<td>25c.</td>
</tr>
<tr>
<td>Rutabaga</td>
<td></td>
<td>25c.</td>
</tr>
<tr>
<td>Spinach</td>
<td>Summer</td>
<td>25c.</td>
</tr>
<tr>
<td>Squash</td>
<td></td>
<td>25c.</td>
</tr>
<tr>
<td>Tomato</td>
<td>Early Red</td>
<td>25c.</td>
</tr>
<tr>
<td>Turnip</td>
<td>Flat, Early</td>
<td>25c.</td>
</tr>
<tr>
<td>Marjoram</td>
<td>Flower Seed, Choice mixed.</td>
<td>25c.</td>
</tr>
</tbody>
</table>

**LARGE FAMILY GARDEN. Price $2.00, Transportation charges to be paid by purchaser.**

Weight, packed for shipment, 6 pounds.

**BEANS.**
Dwarf Green Pod...3 pt. Yellow Pod...3 pt.
Dwarf Lima...5 oz. Pole...1 pt.

**BEETS.**
Blood Turnip...1 oz. Black Queen...1 oz.

**CABBAGE.**
Early...1 pt. Late...1 oz.

**CARROT.**
Early Scarlet Horn...1 pt. Danvers Hail Long...1 oz.

**CELERY.**
White Plume...1 pt.

**CUCUMBERS.**
For Slicing...1 oz. For Pickles...1 oz.

**Egg Plant.**
New York...1 pt.

**LEEK.**
Large...1 pt.

**LETTUCE.**
Early Curled...1 oz. Best Summer...1 oz.

**MELONS.**
Musk Melon...1 oz. Water Melon...1 oz.

**ONIONS.**
White...1 oz. Red...1 oz.

**Onion Sets.**
Red...1 pt.

**PARSLEY.**
Curled...1 pt.

**PARSNIPS.**
Hollow Crown...1 oz.

**PEPPER.**
Large Red...1 pt.

**PEAS.**
Extra Early...3 oz. Medium Early...3 oz.
Late...3 oz.

**PUMPKIN.**
Best Pie...1 pt.

**RADISH.**
Round Red...1 oz. Long Red...1 oz.
Long White...1 oz.

**RUTABAGA.**
Yellow Purple Top...1 oz.

**SALSIFY.**
Sandwich Island...1 pt.

**SPINACH.**
Best...4 lb.

**SQUASH.**
Summer...1 oz. Winter...1 oz.

**TOMATO.**
Early Red...1 pt.

**TURNIP.**
Early White...1 oz.

**SWEET CORN.**
Early...1 oz.
RELIABLE FLOWER SEEDS.

All Flower Seeds are sent prepaid by mail or express. Cultural directions are given on all packets.

ACHILLEA.

2—Patrinia "The Pearl." (Double White Yellow). One of the best hardy perennials. Grows about 2 feet high, and is covered from spring till frost with heads of purest white, double flowers. A grand plant for cemetery decoration. Easily grown. Pkt. 10c, 1/4 oz. 50c.

ACONITUM. (Monk's Hood or Wolfbane).

3—Napellus. A hardy perennial, growing in any good garden soil and producing showy, long spikes of hood-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden. 6 to 8 ft. high. Pkt. 5c, 1/4 oz. 25c.

Acriloineum. (See page 93). Adriemia. (See page 93).

AGERATUM.

Nest, bushy and erect growing plants, bearing continually clusters of pretty flowers during the season. The dwarf sorts are some of our very best border plants and are especially fine when used in contrast with Geraniums, Squills, etc. They thrive everywhere and are easily grown.

7—Blue Perfection. Deep amethyst-blue, the darkest colored of all large-flowering varieties; height 3 ft. Pkt. 5c, 1/4 oz. 20c.

8—Little Blue Star. A charming variety, invaluable for small beds and edgings. The plants are perfectly compact, attaining a height of 2 to 3 in. and are literally covered with bright blue flowers. Pkt. 10c.

9—Little White Beauty. Best dwarf white variety. Pkt. 5c, 1/4 oz. 25c.

ALYSSUM.

Pretty, little, sweet-scented plants very useful for beds, vases and edgings, blooming profusely all summer. If cut back after the first flowers wilt, others will come. They are quite hardy and can be sown very early in the open ground.

10—Sweet Alyssum (marinimum). Plants 8 inches high. With clusters of pure white flowers; hardy annual of easiest culture. Pkt. 5c, 1/2 oz. 15c, 1 oz. 25c.

12—Little Gem or Carpet of Snow (puncatum). An improved sort of dwarf, compact habit, about 4 inches high; begins to bloom when quite small and the plants soon become a solid mass of white and remain so until late in the fall. Hardy annual. Pkt. 5c, 1/2 oz. 15c.

13—Gold Dust (saxatil compactum). Plants 1 ft. high, producing a profusion of golden-yellow flowers. Very showy in masses; hardy perennial of easy culture. Pkt. 5c, 1/4 oz. 15c.

ANCHUSA CEPENSIS.

(Cape Forget-me-not). A rare, little known, hardy annual of great beauty, resembling a large forget-me-not of deep blue color. Blooms all summer and thrives in the shade and all such out-of-the-way places, where scarcely anything else will grow. Pkt. 5c, 1/4 oz. 15c.

ASPHARAGUS.

91—Plumosus Nanus. This graceful climber has finer foliage than the most delicate fern; an excellent house plant. Pkt. 10c.

92—Sprengeri (Emerald Feather). Fine for suspend- ed baskets; fronds 4 ft. long. Pkt. 10c.

ANTIRRHINUM, or Snapdragon.

A charming old-fashioned flower, the large blooming varieties, with their long spikes of brilliantly colored flowers produced during the whole season, are fine bedding plants. Hardy annuals; the tall varieties grow about 2 ft., the dwarf ones about 18 inches high.

19—Giant Fragrant Snapdragon. A new strain with very large flowers produced on immense spikes. Very fragrant. Finest mixed. Pkt. 10c, 1/2 oz. 15c, 1 oz. 25c.

20—Tall Large-flowering Mixed. Pkt. 5c, 1/4 oz. 15c.

21—Queen of the North, large white flowers, delicately sweet. A gem for border and for cutting of dwarf growth. Pkt. 10c, 1/2 oz. 15c.

22—Dwarf Large-flowering, finest colors mixed. Pkt. 5c, 1/4 oz. 15c.

Charming hardy perennial of easy culture, growing 3 ft. high. The plants make a magnificent display of handsome, long-spurred flowers in early spring and summer.

23—Finest double mixed. Pkt. 5c, 1/4 oz. 15c.

25—Finest single mixed. Pkt. 5c, 1/4 oz. 15c.

20—Coeruleum, (Rocky Mountain Blue Columbine). One of the most beautiful of our native American flowers. Pkt. 10c, 1/2 oz. 25c.
ASTERS.

ASTERS are today one of the most popular and important summer and autumn flowers, as they appear in their fullest beauty when the ordinary summer flowers are beginning to look rusty; their blooms are freely produced, are very effective, and last until spoilt by the frost of autumn.

These ASTERS are not only the prettiest but the best and most useful flowers for cutting. Their large, soft petals are not soon injured by cold winds; they are easily dried; and, when dried, they are far more handsome and useful than either flowers or blossoms. They are excellent for arranging, and may be used to advantage in large vases as a background to the more valuable flowers and blossoms. They can be dried by hanging the stems in a shed, or in a greenhouse, but are best dried in a dry, airy, and temperature room. They can be dried by hanging the stems in a shed, or in a greenhouse, but are best dried in a dry, airy, and temperature room.

The plants are early, and of robust growth, about 2 to 3 feet high, and have a tendency to form numerous branches, which gives the class its name. The flowers are wondrously prolific and come in a bloom from summer until fall, and are much sought after for pot culture.

Asters are classified according to their height, as tall, half dwarf and dwarf. The tall varieties are fine for the center of large beds and for cutting; the dwarfs are particularly fine for borders or masses of one color, as they are compact and bloom very profusely; the semi-dwarfs are good for all purposes and extra fine for pot culture.

Plants from seed sown in the open ground in May will bloom in September and October; if started in the hot bed, pots or boxes in the house, in March or April, flowers can be had in July and August.

TALL VARIETIES.

American Giant Branching.

The finest of all ASTERS for the American climate.

The plants are healthy, of robust growth, about 2 to 3 feet high, and have a tendency to form numerous branches, which gives the class its name. These ASTERS are wondrously prolific and come in bloom from summer until fall, and are much sought after for pot culture.

Asters are classified according to their height, as tall, half dwarf and dwarf. The tall varieties are fine for the center of large beds and for cutting; the dwarfs are particularly fine for borders or masses of one color, as they are compact and bloom very profusely; the semi-dwarfs are good for all purposes and extra fine for pot culture.

Plants from seed sown in the open ground in May will bloom in September and October; if started in the hot bed, pots or boxes in the house, in March or April, flowers can be had in July and August.

NEW RAY ASTER.

43—Quite a new type of tall asters. The flowers are very large, often 5 inches across, perfectly double, with long needle or quill-shaped petals, giving the blossoms a very distinct appearance, and are produced on long, thin, wiry stems. A very beautiful and attractive variety. Splendid for large beds and an excellent cut flower. Finest mixture. Packet 10c.

6 of the best American ASTERS.

62—Daybreak. A beautiful early aster, commencing to bloom in August; flowers are tall-shaped, very double and of a lovely shell-pink color; excellent for cutting; height 18 in. Packet 10c.

78—Lavender Gem. An early ostrich feathered aster, with long, artistically arranged petals of the most charming shade of lavender imaginable. The flowers are large and are borne in profusion on long, wiry stems. Packet 10c.

44—Purity Aster. Identical in form and habit with the Daybreak, but the blooms are pure, glittering white. Packet 10c.

70—Snowdrift. An extra early ostrich feathered strain which comes into bloom in July; the flowers are large, plumy snow-white and un surpassed in beauty. Packet 15c.

81—Violet King. A new and distinct strain of the late branching class, with very large, perfectly double flowers of a soft violet-like color. Packet 10c.

90—Crimson King. A superb strain of the late branching class with extra large, densely double flowers of very rich, blood-crimson color, making a brilliant bed or border; very desirable for cutting. Packet 10c.

The American Aster Set

87—Tall Asters—Fancy Mixed. Many varieties of the best double tall asters in finest mixture. Packet 10c.

SINGLE FLOWERING ASTERS.

60—Original China Aster. These Single China Asters are very effective in beds or borders, and offer a pleasant change to the immemorial double sets: mixed colors. Packet 10c.

The ASTERS are raised from seed purchased of you the prettiest I have ever seen. All the people that passed our house were struck with surprise at the brilliant display of color and the immense size of the flowers. They asked us where we got the seed and we were glad to tell them. Everyone told us they never

Giant Comet Aster.
ASTERS. Continued.

HALF DWARF VARIETIES.

GIANT COMET or POODLE ASTERS.

A very beautiful aster; the immense size of the flowers and the long, wavy, twisted petals produce an effect not unlike that of the finest Japanese Chrysanthemums. Height 15 to 18 in.; blooms in August.
53—Pure White. 52—The Bride, white, changing to rose.
51—Brilliant Carmine. 48—Dark blue.
47—Light blue. 55—All colors mixed.

Price: Each, Packet 10c, 3 for 25c, ½ oz. 35c.

CANARY BIRD ASTER.

33—The best yellow variety known; the flowers are of large size, and of the Victoria strain, perfectly double, and of a rich golden color. Packet 10c.

WHITE LADY ASTER.

61—This beautiful aster has become a great favorite everywhere. It is one of those rare plants that has come to stay; no private garden is complete without it. The flower is of an exquisite, pure snow-white color and is always full double. In habit of growth the plant is erect and of medium height. The flowers are borne on large, slender, wiry stems. Packet 15c.

VICTORIA ASTERS.

Considered by some the most beautiful asters in cultivation. The plants are strong growers, about 18 inches high, and branch freely into to well formed pyramidal bushes, each bearing 15 to 20 magnificent large flowers, measuring 4½ to 5½ inches across. The broad petals are curved outward and lie in the fashion, one on top of the other. The Victoria class is perhaps the most showy of all asters and is excellent for both bedding and cutting; blooms during August and September.

Price: Each, Packet 10c, 3 for 25c, ½ oz. 35c, ¼ oz. 65c.

DWARF VARIETIES.

GLORIA or BUTTONHOLE ASTER.

82—Height 10 inches, very branching and free blooming, as many as 40 flowers having been counted on one plant. The flowers are 1½ inches in diameter and are pure white, with a beautiful scarlet margin. It is the prettiest aster we know of for buttonhole wear or small vases and for bedding as well. Packet 10c, ½ oz. 30c.

DWARF HOHENZOLLERN ASTERS.

A new, splendid strain of dwarf asters about 6 to 7 inches in height. The flowers are very large, perfectly double and the petals curled and twisted, similar to those of a good giant Comet Aster. Fine for growing in pots, as well as for beds and borders.

There is no other variety of asters, of such dwarf growth, that produces flowers of such perfection and size.

85—White Pkt. 10c, ½ oz. 35c. 83—Crimson Pkt. 10c, ½ oz. 35c. 84—Azure Blue Pkt. 10c, ½ oz. 35c. 86—Mixed colors Pkt. 10c, ½ oz. 35c.

DWARF ASTERS—Fancy Mixed.

88—Many varieties of finest double dwarf asters in cultivation. Mixed. Packet 5c, ½ oz. 30c.

ASPERULA.

90—Odorata (Sweet Woodruff). Grown for its fragrant leaves and stems; flowers small and white. Packet 5c.
91—Azures Setosa. Splendid annual of earliest culture, about 9 in. high, covered throughout the summer with light lavender-blue fragrant flowers. Pkt. 5c, ½ oz. 15c.

BALSAMS, Lady's Slipper.

Balsams deserve their increased popularity and should be extensively grown in beds and borders, as the plants make a splendid show, yielding an abundance of flowering sprays which are also fine for table decorations. A quiet growing, tender annual of the earliest culture; seed should be sown in the open ground in May and the plants thinned out or transplanted 18 inches apart. Our seed is of the best quality and produces large, full-double flowers.

133—Double Camelia-flowered, mixed. Large flowers, perfect and double, like Camellias, produced in wonderful profusion; 3 feet high. Packet 5c, ½ oz. 25c.

The Royal Balsams.

The finest of all balsams, having the largest flowers of the most perfect form and the fullest doubleness. Height ½ foot.

167—The King, intense scarlet, exquisite. Packet 10c, ½ oz. 25c.
168—The Queen, pure, bright saffron rose, a lovely color. Packet 10c, ½ oz. 25c.
152—White Monarch, pure white, extra large. Packet 10c, ½ oz. 25c.

BALLOON VINE. (See page 93.) BALSAM APPLE. (See page 93.)

I want to tell you that I raised 255 Geranium plants from the packet of seed that I bought of you last year. The stalks grew form one to three feet in height and some of the stalks measured one inch in diameter, with the largest leaves measuring eight inches across. They were simply superb.

ARTHUR H. GRIFFEE, FINKSBURG, MD.
BEGONIA.

All Begonias are fine pot plants and are also deservedly popular for bedding, thrivin...Refer to the original document for the complete text.
CENTAUREA.

Plants of the handsomest nature and simplest culture, yet esteemed as one of the most attractive and graceful of all the old-fashioned flowers. The flowers with their long, wiry stems are very useful for cutting, and when placed in water increase in size.

**CORNFLOWER.** (Centaurea Cyanus).

231—Blue Emperor, single very fine cut-flower... Pkt. 5c, ½ oz. 10c.
232—Blue Emperor, double............ Pkt. 5c, ½ oz. 25c.
233—Single mixed............ Pkt. 5c, ½ oz. 10c.
234—Double mixed............ Pkt. 5c, ½ oz. 15c.

**GIANT SWEET SULTANS.** (Centaurea Imperialis).

The finest class of the Sweet Sultans with beautiful, sweet-scented, artistic-shaped flowers.

236—Mixed, all colors.................. Pkt. 5c, ¼ oz. 15c.
237—Showy Plumosa............ Pkt. 10c.
238—Thiers............ Pkt. 10c.
239—Candidissima, silver-white leaves............ Pkt. 10c.
240—Gymnocarpa, fine cut, silver-gray leaves............ Pkt. 5c, ¼ oz. 15c.

**CHrysanthemum.**

**Annual Sorts.**

Showy and effective in the garden, especially when grown in large beds or masses; they are also very desirable for cut-flowers; bushy, compact plants about 15 inches high.

244—Mixed, all colors, double and single.................. Pkt. 5c, ¼ oz. 10c.
245—Segetum, Evening Star. Bright golden yellow flowers. Splendid bedding plant and of easy culture.................. Pkt. 5c, ¼ oz. 15c.

**Perennial Sorts.**

This is the class that produces the large show

246—Japanese Hybrids. flowers of late fall. Our mixture contains only the earliest kinds and finest colors. Plant the seed early... Pkt. 15c.

**COLEUS.**

Tender annual, ornamental foliage plants, with leaves of many shapes and of various shades of rich velvety color; they are indispensable for borders and bedding and excellent for window garden; easily raised from seed.

250—Mixed, many varieties.................. Pkt. 5c.
251—Ornatus, the finest strain of Coleus with large leaves, crinkled, frilled and irregularly spotted and marbled, of many beautiful combinations of colors. Strikingly handsome plants; height 2½ feet.................. Pkt. 15c, 2 for 25c.

**COCKSCOMB.** (Celosia).

Annuals of the easiest culture, producing in great masses flowers of the most striking and gayest coloring and of various unique forms. The innumerable small flowers of the cockscombs form a brilliantly colored mass, corrugated and frilled at the edge, like a coq’s comb and are fine for edgings and pot plants. The plumosa sorts have large ostrich feather-like plumes; are beautiful in large groups.

252—Cristata Cockscomb, dwarf mixed.................. Pkt. 5c, ½ oz. 20c.
253—President Thiers, dwarf; immense, brilliant dark crimson combs, a magnificent, very showy plant.................. Pkt. 10c, 3 for 25c.
254—Plumosa Thompsoni magnifica, finest mixture of ostrich-feathered sorts, magnificent shades, ranging from clear yellow to the darkest blood-red.................. Pkt. 5c, ¼ oz. 25c.

**COREOPSIS or Calliopsis.**

Showy and handsome, free-flowering plants, which beautify our gardens from June until frost. Gold and maroon of the most brilliant hues are the prevailing colors, and nothing is more effective than a bed of these golden flowers; they are also very useful for cutting. Easily raised from seed; they will grow and thrive everywhere.

**ANNUAL SORTS or CALLIOPSIS.**

255—Tall Mixed.................. Pkt. 5c, ½ oz. 10c.
256—Dwarf Mixed.................. Pkt. 5c, ½ oz. 10c.
257—Golden Wave, large yellow flowers with rich crimson-brown center. Height 2½ feet.................. Pkt. 5c, ¼ oz. 15c.

**PERENNIAL SORTS or COREOPSIS.**

261—Lanceolata, grandiflora, Golden Glory, a showy hardy plant. Blooms from seed the first year. In bloom all summer.................. Pkt. 5c, ¼ oz. 15c.

**COSMOS.**

Strong, tall-growing, half-hardy annuals, with beautiful, feathery green foliage from which arise, on long stems, an abundance of daisy-like flowers in shades of pure white, pink and crimson. The plants bloom in the fall and furnish cut-flowers when other varieties are scarce. Very effective if grown in masses. The early varieties may be sown in the open ground and will then bloom in July, but the later kinds should be started in the house.

263—Early-Flowering varieties mixed.................. Pkt. 5c, ½ oz. 25c.
264—Early Dawn, white, with a tint of delicate rose at the base of the petals.................. Pkt. 5c, ¼ oz. 20c.
265—Giant-Flowering, mixed, magnificent flowers of large size and perfect form; a late strain.................. Pkt. 5c, ½ oz. 15c.
266—Klondyke, new variety with gorgeous orange-yellow flowers and pretty foliage.................. Pkt. 10c.

**CYPRESS VINE.** (See Climbers, Page 92)

**FARMER SEED & NURSERY CO., FARIBAULT MINNESOTA.**

Annual Chrysanthemums. No. 244.

Cockscomb, Pres. Thiers.
**Dahlia.**

Dahlia plants from seed sown early in the spring will bloom abundantly the first summer, and give a magnificent display of bright colors late in the season. The dahlia is a tender perennial. Roots must be placed in the garden in spring when frosts have ceased.

- **300—Double Fine Mixed.** Very large flowering show sorts, all colors... Pkt. 5c, ½ oz. 25c.
- **301—Double Cactus Flowered.** Seed is saved from an extensive collection of the best varieties and can be relied upon to yield handsome flowers; mixed colors... Pkt. 10c.
- **302—Single Giant Perfection.** This strain produces flowers of immense size, averaging 8 inches across, of the most bewildering variety of coloring, mixed colors... Pkt. 10c, ½ oz. 30c.
- **303—Crown, or Fragrant Dahlia.** A splendid variety with beautiful, large, single, brilliant scarlet flowers showing a honey-like fragrance... Packet 15c.

**Datura Cornucopia.** (Horn of Plenty.)

- **305—Golden Trumpet-shaped flower, measuring from 7 to 9 inches in length and nearly 6 inches across, forming 2 distinct trumpets, growing one within the other. The throat and mouth of the corolla are delicate white, while the outline is marbled with purple. A single plant often bears up to two hundred red flowers during the season.** Packet 5c.

**Delphinium, or Perennial Larkspur.**

The Delphiniums furnish our gardens with flowers of striking beauty in form and color, and are extremely valuable during the early months of summer. They are most effective when planted in large masses.

- **306—Formosum.** Rich dark blue, 3 feet high... Pkt. 5c, ½ oz. 25c.
- **325—Formosum, coarsestam.** Delicate sky-blue, 3 feet high... Packet 10c.
- **325—Albus, graduated.** Large white flowers, 3 feet high... Pkt. 5c, ½ oz. 30c.
- **307—Nudicaule.** Scarcely 1 foot high... Packet 20c.
- **308—Zall.** Yellow, 3 feet high... Packet 20c.
- **326—Mixed colors of giant, single and double flowering hybrids.** Pkt. 10c, ½ oz. 20c.

**Digitalis, Foxglove.**

Handsome, ornamental, hardy plants of stately growth. The seed, the small, germinates readily and the plants succeed well even in poor soil if given a half shady location. The spikes are often 3 to 5 feet long and thickly strung with scores of thimble-shaped flowers.

- **322—Giant Flowering, finest mixed, the new flowering kinds.** Pkt 5c, ½ oz. 15c.

**Dianthus or Pinks.**

The numerous species of Dianthus include some of the most popular flowers in cultivation; their coloring is exceedingly rich and varied, and their beauty scarcely surpassed by any flower of the garden. They grow freely from seed, flowering the first year, come true in color and remain for months in full beauty; they are quite hardy. The plumular sorts are perennial, all others biennial.

- **311—Chinensis, China or Indian Pinks, finest mixed, large double flowers, beautiful, rich and varied colors.** Pkt. 5c, ½ oz. 10c.
- **312—Hedwiggii, Giant Japan Pinks, single mixed colors... Pkt. 5c, ½ oz. 15c.
- **313—Hedwiggii, Giant Japan Pinks, single mixed colors... Pkt. 5c, ½ oz. 15c.
- **314—Hedwiggii, double, best mixed, large flowers of most brilliant colors, varying from pure white to rich, dark crimson, some being beautifully banded or striped... Pkt. 5c, ½ oz. 10c.
- **315—Hedwiggii, Eastern Queen, single, beautifully marbled and striped with dark shades of rose upon lighter ground... Packet 5c.
- **316—Hedwiggii, Fireball, double, a dwarf variety, producing globular flowers of brilliant dark scarlet color, a very beautiful flower, very fine for bedding... Pkt. 5c.
- **317—Hedwiggii, Snow Queen, double, very fine, large, white flowers, resembling carnations, produced in great abundance... Packet 5c.
- **318—Hedwiggii, Laciniatus, Snowdrift, very large, extra double blooms, pure white, beautifully fringed. A very fine and true flowering variety... Packet 10c.
- **319—Hedwiggii, Laciniatus, Alba, single mixed.** The Wonder Pink. A remarkable and distinct new strain, producing large flowers, 4 inches in diameter, the petals are deeply cut into thread-like fringes for about half their length and are twisted in all directions; in color they vary very much, having all shades from pure white to purplish-red... Packet 5c.
- **320—Hedwiggii, Laciniatus, Vesuvius, single, nicely fringed flowers of the most intense orange-scarlet, a really dashing color; it makes a bed or border as showy as if planted with scarlet geraniums, and this is a mere fraction of the cost of geraniums... Packet 10c.
- **321—Plumarius, Semperflorens, single and double mixed.** These old fashioned Scotch, Spike or Grass Pinks are hardy perennials, about ½ foot high. Flowers have delicately fringed petals in a great diversity of color and possess a spicy-clove fragrance... Packet 10c.
- **327—Laciniatus Punctatus, Princess Pink.** The single flowers of this novelty show a most charming display of extremely peculiar markings which are quite independent from the original color, being intensely dotted and lined, rather lemonated and tinted. Whatever the coloring of the flowers may be, whether light or dark, these markings vary in such a lovely display of shades and colors that two flowers may be found alike... Packet 10c.

**Dimorphoteca Aurantica.**

- **209—Golden Star Flower or African Orange Daisy.** A rare and very showy annual of easiest culture. The beautiful orange colored, large Daisy-like flowers are produced in greatest profusion. One foot high. Well adapted for beds and borders... Packet 10c.

**Digitalis.**

Handsome, hardy perennials for beds and borders.

- **322—Giant Flowering, finest mixed, the new flowering kinds.** Pkt 5c, ½ oz. 15c.
**ESCHSCHOLTZIA.** (California Poppy.)

351—Mixed colors, single and double. Extremely handsome, low and quick growing annuals, with finely cut bluish foliage and cheerful blossoms. Nothing can excel them in brightness or in the garden as a border plant. Pkt. 5c, ½ oz. 10c.

352—California, the original yellow California Poppy. Pkt. 5c, ½ oz. 10c.

353—Cardinal, beautiful carmine-rose. Pkt. 10c, ½ oz. 15c.

**EUPHORBIA.** (Snow on the Mountain.)

354—Remarkable, very showy foliage plant. The pretty, green leaves are velvety and shed with white. 2 feet high. Pkt. 5c, ½ oz. 15c.

**FORGET-ME-NOT.** (Myosotis.)

Dainty, elegant little flowers, all of which bloom profusely for two seasons, flowering freely in early spring and fall; they love shady, moist places. Once established in a garden they establish themselves by self-seeding. They are beautiful for borders, edgings and for pot culture. Aver. height six inches.

376—Blue Alpine, of trailing habit with bright blue flowers. Pkt. 5c, ½ oz. 25c.

378—White Alpine, a very pretty variety with white flowers. Pkt. 5c, ½ oz. 25c.

384—Ruth Fisher, the finest, largest blooming and best pot forget-me-not. Next compact plants with dark green foliage and very lovely dark blue flowers, measuring ½ inch in diameter. Fine for pot culture and bedding. Pkt. 15c.

379—Crowfoot, another fine variety. Pkt. 10c, ½ oz. 25c.

**FOUR O'CLOCK or MARVEL OF PERU.**

381—A good old-fashioned flower, bearing during the season innumerable funnel-shaped flowers of red, white and yellow colors, which open about 4 o'clock in the afternoon and remain open all night; hardy annuals, 3 feet high; should be sown in open ground. Pkt. 5c, oz. 10c.

**FUCHSIA.**

Grass Pinks, No. 420.

**GAILLARDA. Annual Varieties.**

Splendid, showy plants, remarkable for the profusion, size and brilliancy of their flowers, blooming from early summer till frost; they are very fine for beds and borders and also for cutting; 1 foot high.

401—Pica Lorenziana, a charming, very double strain of large flowers in colors of red, orange, lemon, etc., making a very brilliant display. Pkt. 5c, ½ oz. 15c.

**GLOBE AMARANTH.** Gomphrena. (See Immortelles, page 93.)

**GRASS PINKS.**

402—Orchid-flora, mixed colors. These handsome hardy perennial plants should find a place in every hardy border; they thrive in almost any position and soil and require no protection during the winter. The flowers are very large, of the richest and most varied shades and combinations of colors and are produced in constant succession all summer and fall. Pkt. 5c, ½ oz. 15c.

**GERANIUM.**

The constant succession of bloom till frost and the brilliant colors of the flowers render the Geranium very desirable for pot culture and bedding. Half hardy perennial, easily raised from seed. Will produce blooming plants the first season.

403—Apple scented, a fragrant and favorite variety. Packet 10c.

404—Zonal, single and double mixed, a superb strain of the largest and finest varieties. Packet 10c.

**GLOXINIA.**

Magnificent house blooming, bulbous plants with handsome bell-shaped flowers in a diversity of the richest colors. Will bloom in four to 5 months from time of sowing.

407—Large flowering, mixed colors. Packet 15c.

Fuchsia. No. 382.

**GODETIA.**


**GYPSOPHILA. Baby's Breath.**

Elegant, pretty, free-flowering plants with mist-like sprays of tiny, star-shaped, white flowers. Splendid material for bouquets in connection with bright flowers, such as Sweet Peas, Zinnias, etc.

410—Paniculata, a hardy perennial, 2 feet high, with graceful, branched panicles of white flowers. Packet 5c.

411—Elegans, grandiflora, alba. An improved large-flowering strain of annual white Baby's Breath: 18 inches high. Packet 5c, ½ oz. 10c.

**HELICHRYSUM.** (See Immortelles, page 93.)

**HELIOTROPE.**

452—Mammoth-flowering, mixed colors. A very popular bedding and pot plant; the flowers of this new strain are of immense size, delicious fragrance and of many colors, ranging from white, thru all shades of blue, to dark violets. As easily raised from seed as asters or violets; seed sown in spring will make the finest summer blooming plants. Pkt. 10c, ½ oz. 30c.

454—Heliotrope, fine mixed. Packet 5c, ½ oz. 20c.

Hollyhocks. See page 84.
HOLLYHOCKS.

We recommend our annual, ever-blooming sorts the easiest to raise and most free-blooming PERENNIAL VARIETIES.

Sow from April to June for plants to flower the following year.

456—Chater’s double mixed, finest strain of double varieties. Pkt. 10c, 3 for 25c, 1/2 oz. 10c.

457—Glant Single, mixed colors, immense, showy flowers. Pkt. 5c. 1/4 oz. 10c.

458—Allegheny, mixed colors. Mammoth flowers of exquisite colors, resembling crushed China silk. Pkt. 10c, 3 for 25c.

ANNUAL EVER-BLOOMING SORTS.

Blooming the first year from seed. If sown in the open ground in May, the plants will flower in August. If, however, started inside and set out in May, they will bloom in July. They are continuously covered with large flowers, averaging 5 inches across, the colors of which range from white, red, yellow to maroon and black.

489—Everblooming, single mixed, all colors. Pkt. 5c. 1/4 oz. 15c.

490—Everblooming, double mixed, all colors. Pkt. 10c. 3 for 25c.

HESPERIS. Sweet Rocket.

Old fashioned garden plant, and among the most desirable of hardy flowers; also known as Dame’s Rocket and Dame’s Violet; grows from 2 to 3 feet high, and bears spikes of showy white, blue and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border.

488—Sweet Rocket, mixed. Pkt. 5c. 1/4 oz. 15c.

LUMINUS. Japanese Hop. (See Climbers, page 91.)

HUNNNANNIA. (Giant Yellow Tulip Poppy or Bush Eschscholtzia.)

462—Should be treated as an annual. Sow seed out-of-doors in May and flowers will appear early in July and remain until frost. Foliage is fern-like, and not unlike Eschsholtzia. Plants attain a height of 2 feet. Flowers are tulip-shaped, pure golden yellow. When cut and put in water they will last a full week. One of the most valuable garden plants we know of. Plant a large bed of these and you will be delighted. Pkt. 5c, 1/4 oz. 15c.

ICE PLANT. (Mesembrianthemum Crystallinum.)

463—A handsome and curious plant for hanging baskets, rock work and vases. The leaves and stems appear as though covered with icy crystals. Pkt. 5c.

KOCIA or SUMMER CYPRESS. (Kochia Trichophila.)

465—A highly ornamental, annual shrub, of unusually rapid growth, forming symmetrical- shaped bushes from 2 to 3 feet in height, of a cypress-like appearance. The leaves are slender and of a light green until September, when, however, they change to carmine and blood-red. Its bright autumn coloring has given it two other names; "The Mexican Fire Plant" and "Burning Bush." The flowers are minute but numerous. Pkt. 5c, 1/4 oz. 15c.

LANTANA HYBRIDA.

466—Shrubby, half-hardy, perennial plants, with clusters of verbenas-like flowers, producing their pinks, yellow, orange and white heads in great abundance. Suitable for outdoor use in summer and for house culture. Pkt. 5c, 1/4 oz. 15c.

LARKSPUR (Annual.)

The following varieties are quite hardy; their fine spikes of bloom are exceedingly effective and graceful. The tall variety is suitable for shrubbery and borders; the dwarf kind for beds.

309—Tall Emperor, tall spikes of exquisite double flowers in unlimited quantities. 3 ft. high. All colors mixed. Pkt. 5c, 1/4 oz. 10c. 3 oz. 15c.

140— Dwarf Rocket, fine double flowers. 1 foot high. All colors mixed. Pkt. 5c, 1/4 oz. 15c.

For Perennial Larkspur see Delphinium.

LATIVIRUS. (See Climbers, page 91.)

LINARIA CYMBAIARIA. (Keniworth Ivy or Coliseum Ivy.)

470—A widely loved, hardy, perennial trailing plant, with small lavender and purple flowers. For baskets, vases and rockeries. A charming little vine. Pkt. 5c.

LINUM GRANDIFLORUM. RUBRUM. (Scarlet Flax.)

471—Elegant, free-flowering, hardy annual, with brilliant scarlet flowers. A splendid bedding plant, making a glorious display of bright colors; height 1 foot. Pkt. 5c, 1/2 oz. 10c.

LOBELIA.

This popular and beautiful flowering plant is most desirable for pot culture, edging, hanging baskets, etc., blooming profusely from June to November. The blossoms of all sorts are particularly bright in appearance.

SPREADING VARIETY.

472—Cractis, light blue, light green foliage; blooms profusely; trailing; excellent for vases, hanging baskets and window boxes. Pkt. 5c, 1/6 oz. 25c.

474—Crystal Palace, dark blue, dark foliage; the finest dark blue Lobelia for bedding, profusely covered with rich blue flowers. Pkt. 10c, 1/4 oz. 25c.

476—Mixed, compact varieties, all colors. Pkt. 5c, 1/6 oz. 15c.

COMPACT VARIETIES OF LOBELIA.

Very dwarf and compact varieties, growing about 4 to 6 inches high, each plant forming a dense bush of flowers. These varieties always come true from seed.

473—Emperor William, of even and compact habit, each plant is literally covered with very nice blue flowers. Valuable as an edging for delicate colored bedding plants. Pkt. 5c, 1/6 oz. 20c.

475—Cractis, light blue, light green foliage; blooms profusely; trailing; excellent for vases, hanging baskets and window boxes. Pkt. 5c, 1/6 oz. 25c.

LUPEUS. LUPINS.

480—Annual Varieties. Ornamental, free flowering, easily grown, with long graceful spikes of rich and variously colored pea-shaped flowers; valuable for mixed flower borders and beds. 1 foot high. Dwarf mixed. Pkt. 5c, 1/6 oz. 10c.

481—Perennial Lupins. Showy perennials, growing stout and erect, and producing long racemes of pea-like flowers in great variety of colors. Of easiest culture. Height 2 to 3 feet. Mixed sorts. Pkt. 5c, 1/6 oz. 15c.

LYCHNIS.

Handsome perennial plants of easy culture for massing in beds and borders; quite hardy, require no protection in winter.

476—Chaledonica, Burning Star or Jerusalem Cross. Dense heads of fine scarlet flowers, each individual bloom forming a perfect cross of fiery red. They will bloom from seed the first summer. Height 2 feet. Pkt. 5c, 1/4 oz. 15c.

477—Hangeana. Large heads of showy flowers in shades of white, pink, yellow, red and a mixture of all in high flowering from June to September. Pkt. 10c.

Will you please send my seed by mail as soon as possible, will be much obliged. The flowers raised from seed I bought of you last year were very nice, I must say. MRS. PAUL KOEPP, Hamel, Minn.

Lobelia. No. 473.

Lantana Hybrida. No. 466.
MARGOLD. (Tagetes.)

No other annual imparts so much brightness to our gardens for such a long time, from early summer far into the frosts of autumn, as the Marigold. The tall African varieties, with their large, self-colored, yellow and orange flowers, are very showy when grown in large groups, while the dwarf French varieties, with their elegantly striped and spotted flowers, are unusually effective in beds, edgings or pots.

TALL AFRICAN VARIETIES.

701—Eldorado, 3½ feet high; large, perfectly double, quilled, golden yellow flowers. In bloom until cut down by frost. Pkt. Sc. ½ oz. 10c.

702—African, double mixed, 2 to 3 ft. high. Pkt. Sc. ½ oz. 10c.

DWARF FRENCH VARIETIES.

704—Dwarf French, double mixed. Pkt. Sc. ½ oz. 15c.

703—Legion of Honor (Little Brownie), beautiful single flowers of clear yellow color, blotched with rich brown, 9 inches high. Pkt. Sc. ½ oz. 10c.

MATHiola, or EVENING SCENTED STOCK.

716—Also called "Perfume Plant." An old-fashioned, hardy annual which has no beauty to recommend it but the flowers being of a dull purplish-blue, but which should be grown in every garden for the exquisite perfume exhaled profusely in the evening and after showers; 1 foot high. Pkt. Sc. ½ oz. 15c.

MIGNONETTE.

RESEDA.

The best known and the most popular summer flowering plant. Mignonette is the French word for "little darling," and no more appropriate a name could be found for this sweet, modest flower, without which no garden is complete. It is quite hardy and for early flowering should be sown in April in the open ground; a second sowing can be made about the first of August to obtain blooms during the fall months.

713—Odorata, the old-fashioned but very sweet-scented variety. Pkt. Sc. ½ oz. 10c.

714—Balsamick, largest and best, flowers very red, color, fine for cutting. Pkt. 10c, ½ oz. 15c.

716—Goliath, compact plants with immense clusters of brilliant red flowers. Pkt. 10c.


MIMOSA. Sensitive Plant.

722—A curious and interesting plant; leaves close and drop when touched or shaken. Flowers pinkish white. Annual, 1 foot high. Pkt. Sc. ½ oz. 15c.

MIRABILIS. (See Four O'Clocks, page 83.)

For Moonflower and Tall Morning Glory, See Climbers.

MIMULUS.

Magnificent, dwarf, half-hardy perennials, which flower profusely, thriving best in moist situations.


720—Moschatus (Musk-plant), grown for its musky odor; fine for hanging baskets, etc.; small yellow flowers. Pkt. Sc.

MORNING GLORY, Dwarf.

260—Dwarf Morning Glory. Convolvulus. This plant should be better known, as it is so very easily grown anywhere; is very free-flowering and beautiful. Flowers are of rich colors. Fine for border, or in masses, producing an unusually brilliant effect. Blooms all summer. Hardy annual, 1 foot high. Mixed colors. Pkt. Sc. ½ oz. 15c.

NEMOPHILA.

860—An attractive, hardy annual, with single, cup-shaped flowers of blue and white colors; 6 in. high. Mixed sorts. Pkt. Sc. ½ oz. 15c.

NICOTIANA.

Handsome, half-hardy annuals of the tobacco family, about 3 feet high. Flowers salver-shaped, with long, tubular corollas.

801—Africana. Sweet-scented Tobacco Plant. Produces an abundance of large, pure white flowers of delicious fragrance. If taken up in the fall and cut back and potted, they will bloom all winter. Height 2 feet. Pkt. Sc. ½ oz. 15c.

802—Sander mixed. Flowers white, carmine-rose or violet, a little smaller than Africana. Pkt. Sc. ½ oz. 20c.

NIGELLA.

893—Miss Jekyll, a very attractive, hardy annual, giving an abundance of lovely long-stemmed flowers of a clear cornflower-blue, prettily set in slender, elegant foliage. Pkt. Sc. ½ oz. 20c.

OENOTHERA, Evening Primrose.

825—Charming, dwarf-growing plants with flowers of yellow, white and rose color; open at dusk, emitting a delightful perfume. Pkt. Sc. ½ oz. 15c.

829—Small, free-flowering plants, with clover-like leaves, thickly starred with small, bright flowers from June until frost. Sown thinly in drills, it makes a fine edging for flower beds. Mixed varieties. Pkt. Sc.
NASTURTIUMS.

NASTURTIUMS are some of our best known and most popular annual flowers; they are of the easiest culture and produce flowers of the most brilliant coloring in great profusion all through the season until killed by the frost. They bloom well on any soil, but exhibit their flowers to best advantage on poor land.

The dwarf or Tom Thumb varieties make the most beautiful bedding and border plants, growing about one foot high. They are ideal for covering unsightly railings, very fine for hanging baskets and vases, and are also equally beautiful if simply grown trailing over the ground. The Nasturtiums have been greatly improved in size and color during the last few years. The following list is made up of the best large-flowering varieties of distinct colors, and includes many of the finest novelties introduced up to date.

DWARF OR TOM THUMB VARIETIES.

Price: Each variety except where noted. Packet 5c, ounce 10c, ½ pound 25c, prepaid.

750—Aurora, primrose veined carmine-pink.
751—Beauty, scarlet and scarlet, green foliage. Very attractive.
752—CHAMELEON, flowers of the most diversified coloring and of many brilliant markings are found on a single plant, dark foliage, very fine.
753—CLOTH OF GOLD, bright scarlet flowers and yellow foliage.
754—EMpress OF INDIA, brilliant dark scarlet flowers, with very dark foliage, very beautiful. Blooms continually.
755—Golden King, golden-yellow flowers, dark leaved.
756—King Theodore, black-red flowers, dark foliage; the finest dark sort.
757—Lady Bird, orange, spotted scarlet, dark leaved.
758—Pearl or Moonlight, creamy-white. Flowers large and showy.
759—Vesuvius, beautiful salmon-rose flowers, dark foliage.
760—New Spencer, Mixed. A new type from Holland. The foliage of this new race is beautifully waved and curled. Like a Spencer Sweet Pea, differing in this respect from any other kind. The plants form very compact, round bushes, and the rich colored flowers are produced in great profusion on long stems. The wavy leaves are of dark emerald-green color. Pkt. 10c, oz. 25c.
761—Queen of Tom Thumbs, Mixed. This truly royal race of Nasturtiums produces small, compact plants with foliage profusely varie gated, biotched and striped with yellow, white and green, which renders the plants very ornamental, even when not in bloom. The flowers are not very large, but appear in quite an extended range of colors and are shown to the greatest advantage against the background of the handsome leaves. They make lovely pot plants and are very desirable for bedding. Pkt. 5c, oz. 15c, ½ lb. 50c.
762—DWARF IVY LEAP or BUTTERFLY. Pretty, compact plants with blush-green ivy foliage and medium sized, but very attractive flowers, which are fringed and peculiarly cut, giving them a butterfly appearance. This mixture consists of many beautiful, bright colors. Pkt. 10c, oz. 25c.
763—Finest Dwarf Mixed, a magnificent mixture of all the best named varieties, put up by ourselves; will make a marvelous display of colors and bloom profusely thru the entire season until cut down by the frost. Pkt. 5c, oz. 10c, ½ lb. 25c.
764—OUR COLLECTION of six distinct large flowering varieties. One packet each 20c, 1 ounce each 50c.

TALL OR CLIMBING VARIETIES.

Price: Each variety except where noted. Packet 5c, ounce 10c, ½ pound 25c, prepaid.

770—CHAMELEON, flowers of almost every shade of color, and form of markings, known in Nasturtiums, are found on a single plant, and no matter what color a flower is when it opens, it is continually changing from day to day; very attractive.
771—Midnight, giant flowering, dark green foliage and deep crimson maroon flowers of soft, velvety texture.
772—Atropurpureum, rich, velvety dark crimson, a fine, showy variety.
773—Sunlight, giant flowering, pure, rich deep orange, a splendid light colored sort.
774—Golden Cloth, scarlet flowers, yellow foliage. Excellent bedding variety.
775—Heineman, chocolate color, large flowers of very odd and striking color.
777—Regellanum, violet-crimson, one of the best rich crimson colored sorts.
778—Salmon Queen, giant flowering, dark green foliage, grand flowers of salmon color.
779—New Fringed, Mixed. The flowers of this new type are deeply lacinated or fringed and of intensely brilliant colors. The plants do not grow too rank, about 6 feet tall, have neat clean foliage and bloom in truly wonderful profusion. Pkt. 10c, oz. 25c.
780—Queen of the Lobes, mixed. The foliage is the same as of the dwarf type Queen of Tom Thumbs, strikingly variegated, and the flowers are charming and of many bright colors and shades. Pkt. 5c, oz. 15c, ½ lb. 50c.
781—Madame Gunther's Hybrids. For richness and variety of colors these hybrids have no equal among Nasturtiums, the foliage is dark and contrasts very effectively with the rich colors of the flowers, which are mostly red shades striped and biotched on yellow and orange ground. Pkt. 5c, oz. 10c, ½ lb. 25c.
782—TALL IVY LEAFED or BUTTERFLY. Neat climbers, growing from 6 to 8 feet high. The rich, verdant green foliage is similar in shape to the English Ivy, and forms a fine background to the bright colored flowers.
783—Finest Tall varieties, mixed. The finest mixture offered anywhere; every color was grown separately and we blended the mixture ourselves; it will be found to contain all the kinds named here and many other good sorts including the Canary Bird Creeper. Pkt. 5c, oz. 10c, ½ lb. 25c.
784—OUR COLLECTION of six Giant varieties, distinct colors. One packet each 20c, one ounce each 50c.
PANSIES.

PANSIES are too well known to require any description, as they are favorites with all. For spring flowering, the seed should be sown in autumn and protected during the winter. For summer blooming sow seed in the spring. If possible, in a cool spot where they will be afforded some shade from the noonday sun. Pansies do best in fresh soil, enriched with thoroughly decomposed manure.

Imperial German Pansies.

Admirably suited for beds and borders, where masses of distinct colors are required. The flowers are not of the largest type, but the plants are robust in habit and remarkably free flowering.

<table>
<thead>
<tr>
<th>Color</th>
<th>Packet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>1/4 oz. 25c.</td>
</tr>
<tr>
<td>Dark Blue</td>
<td>1/4 oz. 25c.</td>
</tr>
<tr>
<td>Light Blue</td>
<td>1/4 oz. 25c.</td>
</tr>
<tr>
<td>Brown</td>
<td>1/4 oz. 25c.</td>
</tr>
<tr>
<td>Yellow</td>
<td>1/4 oz. 25c.</td>
</tr>
<tr>
<td>White</td>
<td>1/4 oz. 25c.</td>
</tr>
<tr>
<td>Red</td>
<td>1/4 oz. 25c.</td>
</tr>
<tr>
<td>Purple</td>
<td>1/4 oz. 25c.</td>
</tr>
<tr>
<td>Striped</td>
<td>1/4 oz. 25c.</td>
</tr>
</tbody>
</table>

_Tufted Pansies_. See Viola.

GIANT PRIZE PANSIES.

The flowers of our Giant Prize Pansies are unsurpassable in beauty and variety of coloring, and are all of the largest size, measuring from three and one-half to four inches in diameter. Our collection embraces the latest and finest novelties offered by the best pansy growers of Europe and America.

499. Giant Bridesmaid.

In the three lower petals.

500. Giant Snowflake.

Pure satiny white, without any blotches, and with frilled edges.

501. Giant Hydrangea.

Of a distinct rose color. Very large and beautiful.

502. Giant Emperor Francis Joseph.

White flowers with large, deep violet spots on each of the lower petals.

503. Giant Rosy Morn.

Purplish crimson with clear white edge.

Packets of the above named varieties: 10 cents each, 3 for 25 cents. One packet each of above 14 varieties for $1.00.

GIANT PANSIES IN MIXTURES.

513. Giant Prize Pansy Mixture.

Our mixture contains all the above and many other beautiful giant varieties; finest strain of pansies in cultivation, saved only from the largest, and best-shaped flowers of the richest colors. 

514. Giant Masterpiece, or Ruffled Pansy.

A remarkable type, each petal being conspicuously curled or waved, giving the flower a double or globular appearance. The range of color is very extensive, the rich, dark velvety shades predominating. 

515. Giant Mme. Perret.

A new and beautiful strain, originated by a French specialist; flowers of largest size, borne very freely in great diversity of colors; especially rich in red and wine shades. The stock we offer comes direct from introducer.

512. New Mastodon.


515. Giant Caisser's.

Three and five-blotted, large flowering, very showy, rich and varied colors.

516. F. S. & N. Co's Delicate Shades Mixture.

517. Mammoth Butterfly.

The flowers are very large, of good form and substance and produce freely. In coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, fringed and splashed.
PETUNIAS.

We have no better plants than Petunias for outdoor decoration for beds, borders and window boxes, nor for house culture. They are easily cultivated; when once fairly started, the Petunias will grow like weeds, minding neither heat, drought nor rain. They produce their handsome, sweet-scented flowers in delicate and gorgeous colors from early spring until frost. Seed may be sown directly in the garden in a sunny place, as soon as the weather is settled and warm or the plants may be started indoors for early results.

CONCORDIA, Double Petunias.

The only self-seeding, large-flowering, double Petunia, which produces 70% to 80% of the finest double flowers.

The Concordia Petunia, originated recently by the famous Petunia specialist, Friedrich Roeser, in Germany, will create quite a revolution in growing double Petunias. Up to now the large-flowering double Petunias produced no seed and in order to procure double flowers, it was necessary to artificially fertilize single flowers with the pollen of doubles; naturally, however, the seedlings grown from such seed were mostly singles and no more than about 25% of doubles were ever expected. Unlike the other doubles, the Concordia produces seed both from singles and doubles, the seed from singles not being quite as good as the doubles, but the percentages of doubles are very high. The Concordia Petunias are perhaps the most magnificent, large-flowering, self-seeding Petunias ever seen. They produce a flood of blossoms, however, and the flowers are more uniformly double than in any other variety. The Concordia Petunia is the only self-seeding double Petunia, and is the only true self-seeding Petunia that the average gardener can cultivate with success. It is best started indoors early in March. The seeds are sown in a pot and the young plants transplanted to the garden when the weather is settled and warm. They are very hardy and may be sown in the garden when the weather is settled and warm. They are very hardy and may be sown in the garden when the weather is settled and warm.

868—Concordia, double, large-flowering; all colors mixed...
Pkt. 30c.

869—Concordia, double, large-flowering; all colors...
Pkt. 35c.

Single Bedding Petunias, Small Flowering.

852—Dwarf Inimitable. Little Gem. Bushy, compact plants, about 12 inches high, covered with masses of beautifully striped and bicolored flowers...
Pkt. 5c, ½ oz. 15c.

853—Howard’s Star. A beautiful, dwarf, free-flowering strain; color, crimson-maroon with clearly defined five-pointed star of bluish-white. Fine for bedding, mass plantings, baskets, window boxes, etc.
Pkt. 10c, ½ oz. 25c.

855—Countess of Ellesmere. Deep rose with white throat...
Pkt. 5c, ½ oz. 20c.

858—General Dodds. New; beautiful flowers of deep blood-red color...
Pkt. 10c.

859—Norma. Flowers of a lovely shade of blue, with white star...
Pkt. 10c.

854—Snow ball. Fine compact sort, producing pure satiny-white flowers throughout entire season...
Pkt. 10c, ½ oz. 25c.

851—Fine Mixed. An excellent mixture of fine flowers in all colors...
Pkt. 5c, ½ oz. 20c.

Single, Large Flowering Petunias.

856—Giants of California. Magnificent flowers, of a great variety of colors, with deep yellow throats and exquisitely formed of very large size, often measuring 4 to 5 inches across...
Pkt. 20c, 2 for 35c.

857—Ruffled Giants. Enormous flowers in brilliant colors, beautifully ruffled, fringed and frilled...
Pkt. 25c.

ANNUAL PHLOX.

Flame Flower. The annual Phlox is a native of Texas, where it is called "Texas Pride," and we may well be proud of this distinctively American flower, as it surpasses everything else in dazzling brilliancy and at the same time is of the easiest culture. The Phloxes are of neat, compact growth and will thrive on any soil; given a sunny location. Seed may be sown in the open ground as soon as danger of frost is past and a few weeks later the plants will be a sheet of bloom and will remain so until frost. Phloxes are fine for window urns, also valuable as an under-growth for tall hare-stemmed plants, but show to best advantage when sown in masses or ribbon-beds of contrasting colors.

860—Phlox Drummondii, mixed colors...
Pkt. 5c, ½ oz. 15c, oz. 50c.

Selected Large Flowering Varieties. (1 foot high).

861—Snow-white...
Pkt. 5c, ½ oz. 15c.

862—Shell Pink...
Pkt. 5c, ½ oz. 15c.

863—Bright Scarlet...
Pkt. 5c, ½ oz. 15c.

864—Violet...
Pkt. 5c, ½ oz. 15c.

865—Golden Star, Yellow...
Pkt. 5c, ½ oz. 15c.

866—Mixed, large flowering varieties; all colors...
Pkt. 10c, ½ oz. 20c, oz. 65c.

DWARF PHLOX. (Nana Compacta).

A very valuable class for beds, edgings and pot culture of striking colors, compact and dwarf habit, and extremely free flowering, making 6 to 8 inches high.

873—Snowball, large, pure white flowers, excellent to plant with Fireball...
Pkt. 10c, ½ oz. 20c.

872—Fireball, brilliant red; this and the Snowball are the two most effective Phloxes in existence.

871—Dwarf, choice mixture...
Pkt. 10c, 3 for 25c; ½ oz. 20c, ½ oz. 70c.

870—Starred and Fringed. Dwarf plants; flowers are curiously pointed, fringed and toothed and are produced in colors of every conceivable shade, more than a hundred distinct tints, shades and combinations having been counted; scarcely two are found of the same shape and color...
Pkt. 5c, ½ oz. 15c.

867—Double-Flowering, double and semi-double flowers in all colors; desirable for cut flowers as they last longer than the simple sort...
Pkt. 5c, ½ oz. 20c.

PERENNIAL PHLOX. (Phlox Decumbens).

878—One of the finest perennials for beds and borders Finest mixed...
Pkt. 10c.

PASSION FLOWER. (See Climbers, page 9).

PLATYCODON. Chinese Bellflower.

One of the best hardy perennials, producing showy flowers during entire season. Plants form large clumps, are excellent for planting in permanent borders or among shrubbery; easily raised from seed. Flowers are large, bell-shaped, and in color blue and white, 1½ to 2 feet high.

877—Marie, single, blue and white mixed.
Pkt. 5c, ½ oz. 20c.

POLYANTHIA ROSE. Fairy or Baby Rose.

952—Blooms from seed the first year. The plants bloom in 3 months after sowing, so if sown in February, in the house, they may be had in bloom in June, in the open ground, where they continue to flower throughout the season, giving about an equal proportion of single, semi-double and double varieties develop their seed-pods and produce their own seed of which from 70% to 80% come true doubles and the flowers are of the very best type.

908—Concordia, double, fringed, large-flowering; all colors mixed...
Pkt. 30c.

909—Concordia, double mixed, large-flowering; all colors...
Pkt. 35c.
Poppies.

PROBABLY no class of plants enjoys greater popularity and is more widely grown than the Poppies; their wonderful range of color of their delicate, gracefully borne flowers is well known to all lovers of flowers. The Poppies are quite hardy and the seed should be sown as early in the spring as possible, where the plants are to remain.

SINGLE ANNUAL VARIETIES.

884—Giant Shirley. Silk or Ghost Poppy. No flower is so exceedingly graceful and decorates our gardens with such brilliancy of color as this poppy. Our strain includes an endless variety of colors. 

880—Danbroek. (Danish Flag). A very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross.

881—Glaucum or Tulip Poppy. Large tulip-like flowers of dazzling scarlet, effective in beds or in masses; 1 foot high. 

882—Miss Sherwood. Large flowers, the upper half of which is silvery, chamois-rose, the lower portion satiny-white, a combination of rare beauty.

883—Admiral. Of surprising beauty. The flowers are large, round and of a glistening pure white color, with a broad band of brilliant scarlet around the top.

888—The Bride. Very large, pure white, fonkey flowers; very beautiful.

DOUBLE ANNUAL VARIETIES.

890—Cardinal. Very large, double flowers, beautifully fringed, of vivid scarlet color; height two feet.


891—Carnation-Flowered, Double Mixed. Very large, double, slightly fringed flowers in brilliant colors.

886—American Flag. A very beautiful variety, with large, double flowers of a snow-white color, bordered with scarlet.

897—Peony-Flowered, Mixed Colors. Imposing, double, globular flowers, resembling double roses.

885—Mikado. (Striped Japanese Poppy.) A very distinct and effective double poppy, with deeply lacquered petals, which are white at the base, shading off to pink and rose above.

MIXED POPPIES.


907—F. S. & N. Co.'s Mixture of Double Annual Poppies. Containing all the above-named double varieties and many other fine sorts.

PERENNIAL POPPIES.

892—Iceland Poppy. (Nudicaule.) Plants are of graceful, neat habit, with faser-like foliage, producing their brilliant, fragrant flowers in profusion. Mixed colors.


902—Hardy Perennial Poppies. Mixed Many varieties in all colors.

PORTULACCA. Rose Moss.

A charming little annual; 6 in. high; sown when weather is warm in spring. It will soon carpet the ground with a mat of succulent foliage, which will bring forth a profusion of the largest flowers all season. Well known favorite with all, known by any soil and situation.

894—Large, Large flowering. Special mixture.

Single Separate Colors.

915—White. 916—Yellow.

917—Pink. 918—Scarlet.

Each 5c per packet. 50c.

25c.

909—Double. Flowers of the double varieties are very full and resemble tiny roses; increase in size towards close of season. Finest mixed. Packet 10c. 50c.

908—Mikado Poppy. No. 885.

904—Japonica. (Japanese Primrose.) The plants are perfectly hardy and are admirable for rock gardens, as well as for naturalizing by the side of water; where they thrive particularly well and give the prettiest effect. 18 inches high. Mixed colors, varying from white to crimson and maroon.


PRIMULA. Primrose.

Hardy Perennial Garden Sorts.

These are among the best of early spring blooming plants; with slight protection they will stand the winter.


896—Blue Primrose. (Acusis Caulica.) A beautiful blue-flowered type of the old English yellow primrose, equally as hardy; suitable for naturalizing in shady places among shrubs, etc. Packet 10c.

898—Cortusoides. A charming variety, blooming about Easter; pretty rose-colored flowers with white eyes. Packet 10c.

899—Vulgaria. (English Primrose.) These old-fashioned plants are very welcome in early spring, when they bear in profusion, fragrant yellow blossoms.

900—Veris. Cowslip. The flowers are fragrant; beautiful, hardy perennials, blooming in early spring mixture contains many beautiful colors, including yellow, crimson and brown.

904—Japanese Primrose. (Japanese Primrose.) The plants are perfectly hardy and are admirable for rock gardens, as well as for naturalizing by the side of water, where they thrive particularly well and give the prettiest effect. 18 inches high. Mixed colors, varying from white to crimson and maroon.

Packet 10c.

Primula Auricula. No. 897.

Primula Auricula. No. 897.

Double Portulaca. No. 895.
RICINUS. CASTOR BEAN.

Well known, annual, ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing a sub-tropical effect; fine for lawns, as screens, massing or center plants for large beds.

950—Zanzibiariensis, mixed. A distinct class, surpassing all other varieties in size and beauty. Two to three feet in height. Packets 5c, oz. 15c.

951—Mixed. Many fine ornamental sorts. 

SALPINGLOSSIS. VELVET FLOWER.

A highly ornamental, half-hardy annual with lovely, large, funnel-shaped flowers of velvety texture and with deeply sunken veins, singularly penciled and shaded on the most beautiful and richest prairie colors. Much prized for cutting; beds or borders of these showy plants, when in full bloom, are one of the most striking features in a garden. Easily grown from seed; blooms from early summer till late fall. About 2 feet high.

1000—Large-flowering, all colors mixed. ..................................... Packet 5c, 1/2 oz. 20c.

1001—Emperor. This variety forms only one leading stem and bears on its summit a beautiful bouquet of beautiful flowers, each richly veined with gold. It is the only flower showing a glittering of gold in its coloring. All colors. 

Packet 10c, 1/2 oz. 20c.

SALVIA, OR FLOWERING SAGE.

The Salvia is now a standard bedding plant, its long spikes of flowers, borne in great profusion, keeping the garden bright with color from early until frost. A half-hardy perennial, blooming the first year from seed, which should be sown in March or April in a hot bed or indoors and the young plants set out in the garden as soon as the weather has become settled and warm.

1002—Spleminia, Scarlet Sage. Beautiful, large, bright scarlet flowers. Packet 10c, 1/2 oz. 40c.

1003—Bonfire. The finest of the scarlet Salvia, growing to a compact bush about 2 feet high and 1 foot in diameter, its erect, flaming scarlet spikes stand clear above the dark green foliage, completely covering the plants. Packet 10c, 1/2 oz. 45c.

1004—Silverspot. A charming variety of great effect, having large, intense bright scarlet flowers, and rich green leaves elegantly spotted with yellow; these neat and compact plants grow about 2 feet high. Packet 10c.

1005—Fireball. Very dwarf and compact plants, growing about 18 to 24 inches high, which are literally covered with long spikes of brilliant scarlet flowers. Very fine for beds and borders, requiring a more dwarf variety than the Bonfire. Packet 10c.

1006—Patens, Blue Sage. A very handsome plant with erect spikes of brilliant blue flowers; valuable for bedding; 2½ feet high. 

Packet 10c.

SMILAX.

(See Climbers, page 93.)

SCABIOSA. MOURNING BRIDE.

Each plant bears a profusion of beautiful flowers in exquisite shades, on long, white stems; when cut the flowers will keep in good condition for a long time; 2½ feet high; blooms from early summer until frost. They make excellent borders or beds. No garden is complete without Scabiosa, especially where flowers are wanted for cutting.

1012—Improved Double, Large-flowering. Mixed, all colors. Packet 5c, 1/2 oz. 15c.

1013—Caucasian. A highly decorative, hardy perennial variety with beautiful, large, soft lilac-colored flowers; valuable for cutting; 3 feet high. Packet 10c.

SCHIZANTHUS OR BUTTERFLY FLOWER.

"The Poor Man's Orchid." Of easy culture, and its form and wonderful coloring resembling some species of orchids. The butterfly-like flowers are of the most brilliant and striking colors.

1015—Large-flowering Varieties. Mixed colors.

1016—Whetoneisia. A splendid pot plant for the house and conservatory; a plant in full bloom is a most exquisite picture.

SHASTA DAISY.

304—The finest of all the so-called Moonpenny daisies. It is one of Luther Burbank's hybrids, a perfectly hardy perennial, bearing flowers, averaging 4 inches in diameter, on long, stiff stems. It blooms freely for several months, and the flowers remain fresh for two weeks or more after cutting. Packet 10c.

STELIANTHUS CASCADENS.

1019—Jerusalem Cherry. This is a very ornamental pot plant for winter decoration; of dwarf and branching habit, with small leaves, bearing profusely bright scarlet berries of the size of a cherry. Packet 5c.

STOCKS. (Gilliflower.—Levkojen.)

The Stock is one of the most popular annuals, either for bedding or pot culture; in brilliant and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. The flowers appear on long, stiff stalks like small rosesette. The seed we offer was grown for us by a leading specialist.

DWARF, GERMAN, LARGE-FLOWERING, DOUBLE 10-WEEKS.

The leading class for bedding out or summer massing; the plants attain a height of 1½ feet, have very long spikes and the individual flowers are enormous in size and very double.


1028—German Mixed. Finest large double flowering sorts. Packet 5c, 1/2 oz. 15c, 1/4 oz. 60c.

1029—Princess Alice. A very fine branching 10 weeks Stock; producing continuously large spikes of beautiful, snow-white flowers; splendid for cutting, best variety for growing in pots. Packet 10c.


1031—Emperor. Late, large flowering; producing beautiful double fragrant flowers; mixed. Packet 10c.

EVENING-SCENTED STOCKS. (See Mr. Pobjoy's)

STOKESIA. CYANEA.

1032—(Cornflower Aster). A most beautiful hardy perennial, flowering from seed the first year, bearing 20 to 30 handsome, lavender-blue flowers of large size from July until frost; height about 2 feet. Packet 10c.

SUNFLOWERS. Cut and Come Again. (Cucumbrofolius.)

These Sunflowers are very popular not only for garden display but also for cut flowers. The plants grow 3 to 4 feet high, bearing a continuous succession of well formed single and double flowers, 2 to 4 inches in diameter.

1033—Double, mixed sorts. Packets at 5c, any 6 for 25c. 1040—Single, mixed colors. Packet 5c, 1/2 oz. 15c.

1034—California, Double. Plants about 5 feet high, bearing large, very double, dark yellow flowers. Packet 5c, oz. 15c.

German Stocks.
SWEET PEAS

CULTURAL NOTE—Sow in good, rich ground as soon as it can be worked, except the white-seeded sorts, which should not be sown until the ground is comparatively warm and dry.

UNRIVALLED MIXTURES.

601—New Spencer or Orchid Flowered, Mixed. Composed exclusively of Countless of Salvador and Gladys Unwin varieties, the largest packet, wavy types, which represent the highest achievement in Sweet Peas to date. This mixture contains all the orchid flowered varieties given on this page and also mixed seedlings of the same type. Extra special mixture.

600—P. S. & N. Co's Giant Flowered, Mixed. Only the finest, largest flowering varieties are used in this mixture and in such quantities as to produce the best color effect.

602—Good Mixed, All colors, 1 lb. 20c, 5 lb. 65c, lb. $1.25.

603—Cupid or Tom Thumb, Mixed. Dwarf plants, 6 to 8 inches tall, spreading on the ground like a Verbena; the flowers are of good size. For edging low beds and pot culture they are unique and pretty. All colors...Pkt. 10c, oz. 20c, lb. 50c.

605—Double Flowering, Mixed. These are getting more popular every year. The flowers are double and semidouble. All colors mixed...Pkt. 10c, oz. 20c, lb. 60c, lb. $2.00.

THE EARLIEST VARIETIES.

640—Earliest of All. (Christmas Pink) Pink and white flowers. Varieties earlier than Extra Early Blanche Fancy; good for forcing and garden culture...

641—Mont Blanc. (Christmas White) Strong plants with beautiful paper-white flowers; the earliest white variety; good for forcing and garden culture...Pkt. 10c, oz. 15c, lb. 50c.

NEW SPENCER OR ORCHID FLOWERING VARIETIES.

These are the new large wavy types, with the most beautiful blossoms. The best in size, color, fragrance and abundance of bloom, representing the highest achievement in Sweet Peas.

Price for the New Spencer or Orchid-Flowered Sorts, except where noted:

Pkt. 10c, oz. 25c; oz. 50c; lb. 90c, prepaid.

652—Apple Blossom Spencer. Standard crimson-pink, wings white, tinged and shaded with pink; beautiful form, very large, wavy petals.

656—Arthur Green. Beautiful large flowers of dark claret or wine color. Pkt. 15c, oz. 20c, lb. 50c.

657—Anna Ohn or Princess Alice. A sort, very large, suffused with pink; flowers large and beautifully waved. Pkt. 15c, oz. 20c, lb. 50c.

653—Aurora Spencer. Large flowers of cream white ground-color, exquisitely mottled with orange-scarlet. Pkt. 15c, oz. 20c, lb. 50c.

654—Black Knight Spencer. Deep maroon with black veins; fine colored dark sweet pea. Pkt. 15c, oz. 35c.

655—Countess Spencer. True, soft rose-pink, which deepens at the outer edges. Pkt. 15c, oz. 20c, lb. 50c.

656—Dainty Spencer. Pure white, edged with light pink on both standard and wings.


658—Elfrida Pearson. Extra large flowers on strong stems, color a lovely distinct pink. Blooms in wonderful profusion, four blossoms to a stem. Pkt. 15c, oz. 25c, lb. 50c, prepaid.


661—Phyllis Unwin. Light magenta rose and carmine.

663—Primrose Spencer. A pronounced primrose or creamy-yellow. Pkt. 15c, oz. 25c, lb. 50c.

665—St. George Spencer. A large glowing orange-pink, very showy. Pkt. 15c, oz. 60c, lb. 1.00.

669—Thomas Stevenson Spencer. Rich pinkish apricot on cream ground, extra large flowers, four to a stem, strong grower. Pkt. 15c, oz. 25c, lb. 50c.

673—White Spencer. Gigantic, pure white flowers with wavy and crinkled standard and wings.

664—W. R. Beaver. Of rich chocolate brown, striped white, an odd color, which will be wanted in every collection.

SELECT GIANT-FLOWERED VARIETIES.

We have discarded all those varieties which are merely duplicates and inferiors. All of the following varieties are, without exception, unsurpassed in freedom of bloom, size of flower and length of stem.

<table>
<thead>
<tr>
<th>All Giant Flowered Sorts:</th>
<th>Pkt. 5c each, any 4 for 15c, any 12 for 40c; oz. 10c each, any 3 oz. for 25c; 1/4 lb. 30c; lb. $1.00, prepaid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>616—America.</td>
<td>Crimson scarlet, striped on white; large size, open form.</td>
</tr>
<tr>
<td>611—Apple Blossom.</td>
<td>Standard crimson, pink, wings white, tinged with pink.</td>
</tr>
<tr>
<td>613—Branche Ferry.</td>
<td>Standard bright carmine-rose, wings white tinged pink; medium size, open form.</td>
</tr>
<tr>
<td>628—Dainty.</td>
<td>Pure white, tinged with light pink; very long stem.</td>
</tr>
<tr>
<td>623—Dorothy Eckford.</td>
<td>Flowers large, pure white.</td>
</tr>
<tr>
<td>626—Duke of Westminster.</td>
<td>Large size, hooded; standard purple, wings purple and violet.</td>
</tr>
<tr>
<td>625—Helen Pierce.</td>
<td>Pure white, veined, mottled and marked with bright blue; coloring is unique, like that of a blue mottled Gloxinia.</td>
</tr>
<tr>
<td>619—Henry Eckford.</td>
<td>Clear orange yellow, a beautiful color.</td>
</tr>
<tr>
<td>617—King Edward VII.</td>
<td>The best crimson-scarlet, very large.</td>
</tr>
<tr>
<td>618—Ladies Elfrida.</td>
<td>Hooded form, very large flowers; the lightest shade of the lavender varieties.</td>
</tr>
<tr>
<td>610—Lovely.</td>
<td>Deep pink, shading to light pink at the edges.</td>
</tr>
<tr>
<td>612—Miss Wilmott.</td>
<td>Magnificent large flowers, rich, pure orange standard and orange-pink wings.</td>
</tr>
<tr>
<td>613—Orchid.</td>
<td>Large size, hooded, very dark maroon, showing veins of almost black; the finest.</td>
</tr>
<tr>
<td>615—Prince of Wales.</td>
<td>Rose-crimson, self colored, the largest and finest.</td>
</tr>
<tr>
<td>619—Queen Alexandrina.</td>
<td>Bright geranium-red-large, semi-hooded.</td>
</tr>
<tr>
<td>617—Romola Piazza.</td>
<td>Very large, hooded flowers of rich blue color.</td>
</tr>
<tr>
<td>621—Royal Rose.</td>
<td>Crimson-pink, wings pink, shading lighter at edges.</td>
</tr>
<tr>
<td>606—Shasta.</td>
<td>White-seeded; very large open form, pure white; the petals are very on the outside.</td>
</tr>
</tbody>
</table>

EVERLASTING OR HARDY SWEET PEAS. (Lathyrus).

469—The plants bloom a long season, are hardy and will live for years, but the flowers have not the fragrance of the annual Sweet Peas. These come in shades of red and white only. An excellent plant for covering fences and trellises. Finest mixed...Pkt. 5c, 1/2 oz. 15c, 25c.

NOTICE:—To insure absolute success in growing Sweet Peas and bring the plants to their highest development, inoculate the seed with more as well as larger flowers and continue to bloom a longer time when seed is treated with Mulford Nitro Germ. We supply this nitrogen-fixing bacteria for Sweet Peas, garden size, at 5c per packet, postage paid.

SWEET WILLIAM. Dianthus Barbatus.

Hardy perennial, widely grown for the showy heads of beautifully colored, sweet-scented flowers. Height 12 feet; blooms from June until frost. Can easily be raised from seed, will grow in any good garden soil, and the plants produce great masses of lovely, fragrant flowers. If sown in August, the plants will bloom in September.

1039—Single, Nigricans. Very pretty blackish red, large flowers, one of the finest Sweet William known...Pkt. 5c, oz. 10c, lb. 25c.

1040—Single, Pink Beauty. Large flower-heads of a most pleasing salmon-pink color; strikingly brilliant and beautiful...Pkt. 5c, oz. 10c, lb. 25c.

1041—Single, Scarlet Beauty. Differing from the foregoing in the color of the flowers which is an intense scarlet, similar to the Grenadin Carnation. A bed of these produces a vivid effect...Pkt. 10c.

1042—Double, Pure White. Very beautiful...Pkt. 10c, oz. 15c, lb. 25c.

1043—Double, Nigricans. Same color as No. 1039. The majority of the flowers will come true double...Pkt. 10c, oz. 15c, lb. 25c.

1037—Double, Mixed. Giant flowering, dwarf...Pkt. 5c, oz. 15c, lb. 25c.

1036—Single, Mixed. Giant flowering, dwarf...Pkt. 5c, oz. 15c, lb. 25c.
VERBENA.

One of our best annuals. Very fine for beds, borders, vases and window boxes. Start seed in the house and plant out in the garden in May. The plants bloom from early summer to late fall without interruption. They are of creeping habit, with neat foliage.

1113 — New Giant Flowered, Mixed. A new class of Verbenas which is of extraordinary beauty, and surpasses all other varieties in size, perfection of form and richness of color. ... Packet 20c.

LARGE FLOWERING VERBENAS.

1102 — White. 1104 — Purple. 1111 — Scarlet.
1103 — Rose. 1115 — Striped. 1101 — Large-flowering mixed. Packet each 10c, any 3 for 25c.
1100 — Hybrida Mixed, all colors of the old sorts. ... Packet 5c, 1/4 oz. 20c.

VARIOS VERBENAS.

1105 — Deianira. Very free flowering, of intense, fiery scarlet color. Fine large flowers. ... Packet 10c, 1/4 oz. 25c.
1106 — Dwarf Verbena. Fine for edging, making an even carpet of blossoms and leaves. 6 in. high. Mixed. ... Packet 10c, 1/4 oz. 25c.
1107 — Lemon Verbena. Pale green, delightfully scented foliage. Splendid for garden and house culture. ... Packet 10c.
1108 — Moss Verbena. Moss-like foliage and purplish-blue blossoms. One of the finest and best bedding plants, blooming all season. ... Packet 5c, 1/4 oz. 25c.
1109 — Odorata. (Niveni) Very hardy, very sweet scented and pure white. For garden and house culture. ... Packet 5c.
1110 — Venosa. Largely used for bedding. Bright purplish-heliotrope flowers in bloom all summer until late fall. ... Packet 5c, 1/4 oz. 20c.

VINCA ROSEA. PERIWINKLE.

1112 — Ornamental, free-blooming, tender perennial plants; one of the most satisfactory bedding plants, with glossy green foliage and handsome red and white flowers. They flower from seed the first season, continuing until frost; and may be potted before frost and kept in bloom in the house thru the winter; a very fine cut flower; about 12 to 15 inches high. Mixed colors. ... Packet 5c, 1/4 oz. 20c.

VIOLAS OR TUFTED PANSIES.

Hardy perennial plants, blooming more profusely and for a longer time than the regular type pansies. If sown in April the plants will flower in June, continuing a sheet of bloom until frost, and soon after the snow is off the ground the following spring they begin to flower again. Should be more generally planted.

1047 — Finest Mixture of the best varieties. Packet 5c, 1/4 oz. 25c.

VIOLA ODORATA. The True Violet.

1035 — Sweet Violet. The true blue sweet violet. Favorite, hardy plants, highly prized for their fragrant flowers; 6 inches high. Seed germinates slowly. ... Packet 10c.

WILD CUCUMBERS. (See Climbers, page 94.)

WALLFLOWER. (GOLDLACK.)

These delicately fragrant flowers should be better known. By sowing the perennial varieties in the garden and transplanting them to pots in the autumn, good plants will be secured for winter flowering in the house; or they may be protected in a cold frame and used for bedding. The annual varieties are easily grown from seed; they are perennial but not hardy in the northern states. About one foot high.

PERENNIAL SORTS.

1138 — Double German. Spikes of deliciously fragrant, very double flowers, combining many shades of color. ... Packet 10c.
1137 — Single. Large-flowering, mixed colors. ... Packet 5c.

ZINNIA. Youth and Old Age.

The double Zinnia is one of the easiest grown and most showy garden annuals. The plants come quickly from seed and are easily transplanted and make a fine display in a bed or border or among shrubs. Each flower lasts several weeks, and the plants bloom abundantly until destroyed by frost. Sow the seed early in spring, in the open ground. Later plantings may be made up to June first, these plants will start blooming in July.

GIANT-SHOW ZINNIAS. Grandiflora Robusta Pennisima.

Large flowers measuring 5 to 6 inches across, semi-globular and very double. Grand and long lasting effects can be produced in beds and borders with this new race.

1188 — White. 1159 — Golden Yellow. 1160 — Scarlet. 1162 — Striped. Each packet 15c, any 3 for 40c.
1161 — Mixed Colors. ... Packet 10c, 3 for 25c, 1/4 oz. 30c.

LARGE-FLOWERING, DWARF ZINNIAS.

Bushy, compact plants about 2 feet high, bearing large, perfect double flowers in greatest profusion. They come into flower early in the summer and keep on blooming until hard frost.

1151 — White. 1152 — Scarlet. 1154 — Pink.
1157 — Mixed. 1153 — Golden Yellow.

Each packet 5c, 1/4 oz. 15c, 40c.

1156 — Curled and Crested. A curly and beautiful strain; petals twisted, curled and crested into graceful forms. Double mixed. ... Packet 5c, 1/4 oz. 15c, 50c.

1155 — Zebra. A very pretty strain with striped flowers. As the colors vary on each plant, they present a curious as well as beautiful appearance. Packet 5c, 1/4 oz. 25c.

1163 — Liliput. Handsome bushes loaded with small, very double flowers. Bloom all summer until late in fall. Mixed colors. ... Packet 5c, 1/4 oz. 25c.
EVERLASTINGS or IMMORTELLES.

This class of annuals are of easy culture, growing splendidly in any good garden soil, even in light, sandy ground, where most other plants would not thrive. They produce their straw-like flowers abundantly all summer and fall. Suitable for bouquets and decorations.

4—**Achillea.** Plant grows 18 inches high, bearing lovely white or rose-pink flowers. In bloom from July to October. Pkt. 5c, 15c, oz. 10c.

6—**Ammunium.** Rarely 2 feet high. Mixed. Pkt. 5c, 15c, oz. 10c.

108—**Campanula.** Showy plants with brilliant colored, globe-shaped flowers. A must class bordering plant and fine for cut flowers work. 18 inches high. Mixed. Pkt. 5c, 15c, oz. 10c.

117—**Helichrysum.** Mammoth flowered. Pretty and effective flowers for beds and borders. One of the showiest. Blooming season July to October. 2 feet high. Mixed colors. Pkt. 5c, 15c, oz. 10c.

117—**Pennisetum.** Grows in any soil. Beautiful for the garden, or grown in pots in the house. Flowers are white, or crimson and show a darker disk. 1 foot high. Mixed. Pkt. 5c, 15c, oz. 10c.

399—**Xeranthemum.** Profuse blooming hardy annuals. Flowers very double and long stemmed. White and other colors. Bloom from July until September in great abundance. Mixed. Pkt. 5c, 15c, oz. 10c.

482—**Special mixed.** All the above sorts and many other varieties mixed. Pkt. 10c, 15c, oz. 20c.

ORNAMENTAL GRASSES.

The Ornamental Grasses are indispensable for the mixed flower beds and for the border, making these more attractive during the summer, while in the dried state they are valuable for winter bouquets. The following are the most popular varieties.

1179—**Irisia Maximia.** (Quaking Grass.) In great demand for bouquets, furnishing splendid material to mix in with flowers for decorating. Annual. Pkt. 5c.

1171—**Bromus Briziformis.** Very graceful plant, with drooping panicles. Perennial. Pkt. 5c.

1172—**Coix Lachryma.** (Job's Tears.) Broad, corn-like leaves and hard, shining pearly seeds. Plants grow 3 feet high. Pkt. 5c, 15c, oz. 10c.

1173—**Eulalia Japonica.** A slender and graceful grass, beautifully striped. Fine for groups on the lawn or around the house. Perennial. Pkt. 5c.

Selected CLIMBING PLANTS.

5—**Adlumia.** Alleghany Vine or Mountain Fringe. A graceful, hardy perennial climber. The feathery foliage closely resembles that of the Maiden Hair Fern. The flowers are tube-shaped, flesh-colored, and completely cover the plant. For covering trellises, stumps of trees, etc. Flowers the first year from seed. Pkt. 10c.

150—**Balloon Vine.** A rapid growing annual climber, succeeding best on light soil. Flowers white; seed pods look like small balloons. Pkt. 5c, oz. 15c.

253—**Balsam Apple and Pear.** (See illustration on next page.) Very curious, rapid and dense growing annual climber, with ornamental foliage and pretty fruit, which opens when ripe, showing seed and blood red inside. Splendid vine for trellises, rock work, stumps, etc. Grows 10 feet high. Balsam Apple and Pear mixed. Pkt. 5c, ½ oz. 15c, oz. 25c.

209—**Canary Bird Vine.** Rapid growing, graceful vine, with clean handsome foliage, and an abundance of bright canary-yellow blossoms. It is also a good rambler and fine for stumps, rockeries, etc. It makes an excellent window vine for winter. Grows well in shaly places. Attains a height of 10 to 15 feet. Pkt. 5c, ½ oz. 15c, oz. 25c.

14—**Cardinal Vine.** A beautiful, new and distinct annual climber of very rapid growth. Foliage bright and rich. Flowers in clusters of 5 to 7, of intense cerise cardinal-red color. The blossoms measure 1¼ to 1½ inches across and their bright glowing red color forms a pleasing contrast to the deep green foliage. One must see this glorious plant in full bloom to appreciate its grandeur and beauty. Does best in sunny situation. Grows 20 to 30 feet high. Pkt. 20c.

284—**Cobra Scandens.** (See illustration on next page.) Cups and Saucers Vine or Cathedral Bells. One of the handsomest and most rapid growing annual climbers, running up to 30 feet in a season. The flowers are bell-shaped and of a purplish-blue when full grown. It is a very prolific bloomer, one that makes a show the first year, both in vines and flowers; one that is always clean of insects. In planting place seeds edgewise and cover lightly. Pkt. 5c, ½ oz. 20c.

323—**Delochlo.** Hycanthin Bean. Very pretty, bean-like flowers in erect masses, followed by ornamental seed pods. For covering arbors, trellises, etc. It is a splendid vine. Grows 10 feet high. Annual. Mixed. Pkt. 5c, ½ oz. 15c, oz. 25c.

469—**Lathyrus.** (Everlasting Pea or Hardy Sweet Pea.) Hardy perennial climber with white, pink and crimson pen-sheafed flower. Grows 3½ feet high. Grows from July to September. Fine for cut flowers. A splendid vine for covering fences, old stumps and trellises. Is deserving of more general planting. Pkt. 5c, ½ oz. 15c, oz. 25c.

CYPRESS VINE.

For trellis when the other vine cannot be excelled. It has a profusion of pretty star-shaped blossoms and its fine-leaved, feathery foliage is pleasing to the ornamental work. Will grow 10 to 12 feet high. Annual.

269—**Scarlet.** Flowers bright, glowing scarlet. Pkt. 5c, ½ oz. 15c, oz. 28c.

270—**White.** Pretty blossoms of clear white color. Pkt. 5c, ½ oz. 15c, oz. 25c.

268—**Mixed.** Nice mixture of all kinds, including white. Pkt. 5c, ½ oz. 15c, oz. 28c.

Cypress Vine.
Selected CLIMBING PLANTS. Cont’d.

461—Humulus, Japanese Hop, Variegated Leaved. Rapid, dense growing, annual climber, 15 to 30 feet high. The leaves are beautifully marked and splashed with silver white, light and dark green, very effective for screens, arbors, trellises, etc.; very resistant to drought and insects. .......... Packet Sc, ½ oz. 20c.

475—Mexican Mina Vine. One of the most beautiful annual climbers; a very profuse and early bloomer. The leaves resemble oak leaves, the flowers are borne in large clusters, they are of blood red color, with yellow throat, of quick growth and great beauty. Sow early in spring. Grows 30 to 50 feet high. .......... Packet Sc, ½ oz. 15c.

198—Moonflower, Mammoth White. Will grow 30 to 40 feet in a single season and is covered with its hundreds of large, white flowers every evening and cloudy day. The hard outer coat of the seed should be cut through with a file, and the seed soaked in warm water, then planted about an inch deep in moist soil in a box or pan and set in a warm place. Transplant outdoors in a sunny situation when danger of frost is past. Annual. .......... Packet 10c, ½ oz. 25c.

115—Nasturtium, Tall or Climbing. See page 86.

850—Passion Flower. Tender perennial climber for the summer garden, for window boxes and pot culture. Flowers exceedingly beautiful, white and blue; very large and wax-like. Will grow to a height of 15 to 30 feet. .......... Packet 10c.

855—Scarlet Runner Bean. Well known and popular runner vines. Flowers dazzling scarlet and very showy. Blooms a long time. The pods are long and very broad, and of excellent flavor. Can be used same as other beans. .......... Large packet Sc, ½ pint 20c.

Ornamental Gourds.

Desirable, pretty climbers for many places where a large amount of vines are wanted quickly. The blossoms of some are quite striking and handsome. Their interesting features are the odd, unique and ornamental gourds, many of which make excellent toys for children.

Price for any variety, except Calabash: Packet Sc, oz. 20c, postpaid.

1180—Apple-Shaped. Fruit is beautifully striped.

1181—Bottle. Curious and handsome fruit.

1182—Corny. Elegant fruit; a very rapid climber.

1183—Dipper. Very useful for many purposes; holds about a quart; has a long handle.

1184—Dish Cloth or Sponge. Large fruits, resembling a large flat sponge.

1185—Gooseberry. Small dark green fruit, resembling a gooseberry; fine climber.

1186—Heracles Club. Fruits are green, 3 to 4 feet long.

1187—Nest Egg. Very ornamental and useful as nest eggs.

1188—Orange. The well-known mock orange. In size and shape like an orange.

1189—Ornamental Pomegranate, or Queen’s Sweet Pocket Melon. Fruit deliciously perfumed and may be carried in the pocket or laid amid linens. Makes a very pretty and desirable climbing vine.

1190—Pear-Shaped. Pretty pear-shaped fruits, striped yellow and green.

1191—Powder Horn. The form of a powder horn. Very odd.

1192—Snake. Also classified as a cucumber, and can be used as such, especially for sieving. The fruits grow several feet long and are tubular.

1193—Sugar Trough. They grow large enough so as to hold 4 to 10 quarts each; have thick, hard shells; are light but durable.

1194—Turk’s Turban. Turban shaped fruit, beautifully striped with red.

1195—Calabash or Pipe Gourd. Odd shaped fruit which is used to an advantage in making pipes. A native of South Africa. .......... Packet 10c, ½ oz. 20c.

1196—Ornamental Gourds, Mixed. .......... Many American and foreign varieties in superior mixture. Packet Sc, oz. 10c, ½ lb. 25c.

483—Vineflower. A new and excellent annual climber. Will grow 30 to 40 feet in a single season and is covered with its hundreds of large, white flowers every evening and cloudy day. .......... Packet 10c, ½ oz. 25c.

Balsam Apple. No. 255. (Page 92)

Morning Glories, Ipomea.

Well known annual climbers of rapid growth, with beautiful, showy flowers in endless variety of colors. For covering walls, trellises, arbors or stumps of trees they are invaluable. They will succeed under almost any circumstances?

259—Giant Japanese Morning Glories. The hardiest of all the morning glories, with robust vines, growing rapidly to a height of 15 to 20 feet, and with luxuriant foliage of which some is oddly marbled and blotched with white and yellow. The greater charm, however, of these morning glories lies in the entrancing beauty and gigantic size of the flowers, which are produced in limitless markings, shadings and colors, mixture of the finest Japanese sorts. .......... Packet 10c, ½ oz. 20c.

258—Tail Morning Glories. The old fashioned variety; indispensable for covering trellises, verandas, stumps, etc. Mixed colors, very fine. .......... Packet Sc, oz. 10c, ½ lb. 25c.

486—Brazilian Morning Glory. A very quick growing vine, covering an enormous space in a very short time; the leaves are of large size, deeply lobed and the flowers, which are borne in large clusters, are of pleasing rose colors. .......... Packet 5c, ½ oz. 20c.

485—Double Flowered Morning Glory. The flowers are double and semi-double and some are fringed, which gives an appearance of a double flower. Mixed. Packet Sc, ½ oz. 10c.

Ornamental Gourds, Mixed. No. 1196.
**SUMMER FLOWERING**

**BULBS**

The Bulbs which we offer are the most popular summer flowering varieties; they are inexpensive, and it requires no skill and but very little attention to grow them to perfection. Plant the bulbs in the garden in spring, after severe freezing is past, and they will soon be up and will flourish and bloom all summer. In autumn, the bulbs should be lifted and stored in a cellar, away from frost, for planting the following spring.

**APIOS TUBEROsa.**

A valuable hardy, tuberous rooted climber, bearing clusters of rich, deep purple flowers which have a strong, delicious violet fragrance. It grows to a height of 8 to 10 feet and blooms profusely. Plant bulbs close together to produce a mass of vines and flowers. Each 5c, doz. 48c, prepaid.

**MEXICAN FIRE LILY.** (Hermitosostema.) Few flowers equal this variety in richness and beauty of color. The flowers precede the leaves and are of an intensely brilliant, deep violet crimson color. It is a free bloomer and succeeds well in pots, and also in open ground. Each 12c, 3 for 30c, prepaid.

**BELLA DONNA LILY**—The flowers of this Amaryllis appear late in summer, in five-foot stalks. They are produced in large clusters in pots, and are perfectly hardy. Calla Lily. Each 25c, 3 for 65c, prepaid.

**MONARCH OF THE EAST.** (Arum Cornutum)

The flower sheath sometimes reaches a length of nearly 2 feet, is of a reddish-brown color tipped with red and yellow. The bulb of this extraordinary plant needs only to be placed on a table or shelf, in a warm room, when, without showing either roots or leaves, the flower makes its appearance. After flowering the bulb should be planted in the open ground, when a large umbrella shaped leaf will be formed on a stalk topped with a prancing-like color. In autumn the previous year's display may be repeated. Each 20c.

**BEGONIAs—**Tuberous-Rooted. The fashionable plant of the day which justly deserves its honor, as in addition to its handsome foliage it bears the whole summer enormous sized flowers of intense brilliancy in constant profusion.

**CINNAMON VINE.**

A pretty vine with heat, glossy-green, heart-shaped leaves, which late in the season bears clusters of tiny white flowers of a cinnamon-like odor. The roots are thinly hairy, remaining in the ground for years, but the vine dies down every winter, shooting up with rapidity in spring and often running 20 to 40 feet. Large roots, each 5c, doz. 50c, prepaid.

**HYACINTHUS CANDICANS. (Summer Hyacinth.)**

Perfectly hardy plants of vigorous growth which throw up flower-spikes 4 feet high, with pure white, bell-shaped and pendulous flowers. They are very useful along walls and fences, and if planted in groups will produce a grand effect; for cemetery decoration they are beautiful and appropriate. Each 5c, doz. 60c, prepaid.

**POMELEA PANDURATA.**

Rapid growing climbing plant, absolutely hardy, thriving in almost any soil and blooming abundantly. Flowers white with purple throat, foliage is luxuriant. One of the best climbers for the northern states. Each 25c, 3 for 65c.

**MEXICAN STAR FLOWER.** (Mila Biflora.)

The beautiful flowers are pure waxy white, two inches in diameter, star-shaped and usually in pairs on long slender stems. The blossoms frequently last two weeks when placed in water. Each 6c, dozen 60c, prepaid.
Cannas

They Present A Grand Display From July Until Frost.

Cannas are indispensable for bedding purposes, especially on large lawns. They also make a grand show, planted in front of the house, in gold spikes, and brilliant tropical foliage. Cannas present a grand display from July until frost. Price of dormant roots, except where noted: Each 15c, 12 for $1.35, 25 for $2.50, prepaid.

**ORCHID-FLOWERING CANNAS.**

**KING HUMBERT,** King of all Cannas — The flowers which measure six inches in diameter, are produced in trusses of gigantic size and are of a brilliant orange-scarlet; the foliage is broad and massive and of a rich coppery-bronze: largest flowered of all Cannas. 4 to 5½ feet high. Each 25c, dozen $2.50, prepaid.

**BURBANK** — The flowers are very large, rich golden-yellow, with scarlet dots; green foliage: 4½ to 5 feet high.

**ITALIA** — Bright red with broad golden yellow border; a very fine canna; green foliage: 4 to 4½ feet high.


**WYOMING** — Fine tall growing sort with purplish bronze foliage and large flowers of a beautiful rich shade of orange. 7 feet high. Each 20c, dozen $2.00, prepaid.

**BRONZE-LEAVED VARIETIES.**

**BLACK BEAUTY** — Used for foliage effect, for center of beds or for background. Has shining, purplish-black, large leaves. 5 feet high. Each 20c, dozen $2.00, prepaid.

**DAVID HUMBERT** — Dark bronze foliage, flowers vermillion-scarlet. 3½ feet high.

**KING HUMBERT** — See Orchid Cannas.

**METALLICA** — Immense foliage. Used for center of beds or for background. 7 feet high.

**SIENNA DOAH** — Flowers a fine, rich pink color. 5 feet high. Each 20c, dozen $2.00, prepaid.

**WYOMING** — See Orchid Cannas.

**GLOXINIA, GIANT FLOWERING.**

Beautiful plants of dwarf habit, most useful for pot plants. Flowers are trumpet-shaped and of exceedingly rich coloring and marking, ranging from deep scarlet to violet blue. One plant will produce 10 to 20 of these beautiful blossoms in succession. One of the showiest of all house plants and greatly admired by everybody. Of easy culture, requiring light soil. Finest mixed, each 15c, 3 for 40c, prepaid.

**MADEIRA VINE.**

A very beautiful and popular vine, which succeeds everywhere and is of rapid growth, covering a large space in a short time. The leaves are fleshy, heart-shaped, of a light green color; late in the season numerous racemes of bracteate, white flowers appear, which are of delicious fragrance. Each 5c, 6 for 25c, prepaid.

**MONTBRETIAS.**

The Montbretias are some of the brightest and most graceful of our summer flowering bulbs, and at the same time some of the easiest to grow. From July to October the flame-like spikes follow each other uninterruptedly, giving a bed the appearance of a mass of fire. The flowers are very fine for cutting. All colors mixed. 36 each, 100 for $2.00, prepaid.

**TIGRIDIA—SHELL FLOWER.**

Curious and beautiful shell-like flowers about 4 inches in diameter, flowering from July to October. The bulbs can be planted about the middle of May and taken up in October and kept over winter in dry sand. Mix varieties, each 6c, dozen 60c, prepaid.

**TUBEROSES.**

One of the best known and most beautiful summer bulbs. Easily recognized by its exquisite fragrance and its creamy-white, waxen blooms, borne on long, massive spikes. Plant in the open ground as soon as the weather is settled and warm, giving the plants rich soil in full sun. **Excelsior Double Pearl** — Dwarf plants with extremely double, large flowers. Large bulbs, each 5c, dozen 45c, prepaid. 100 for $2.00, not prepaid.
BEAUTIFUL DAHLIAS.

GIANT DECORATIVE DOUBLE DAHLIAS.

This class produces large, gracefully formed flowers with broad, flat petals, being intermediate between the Cactus and Show types. They make splendid cut flowers.

Price of bulbs, except where noted: Each 25c, dozen $2.25, prepaid.

AMERICAN BEAUTY—Novelty. The flowers are of gigantic size and produced on long, heavy stems, well above the foliage. The color is a gorgeous wine-crimson. 45c each.

BLUE ORAN—Fine flowers of deep lavender-blue. Very pretty and attractive.

C. W. BRUTON—Bright rich yellow, large flowers. Blooms freely and a long season.

Cactus Dahlia—Beautiful double flowers. One of the finest dahlias.

L. MANDARIN—Light cream center, shaded yellow, tipped deep pink, each petal striped with crimson, making it very showy. Attracts much attention. 35c each.

MAID OF KENT—Beautiful flowers of cherry-red, tipped with white. Good bloomer.

MINOS—Flowers are very large, borne on long stems. Intense velvety maroon, almost black.

PEARL DE LYON—A pure-white exhibition variety of great value. The petals are fringed, giving it a unique appearance. 35c each.

YELLOW COLONIAL—Novelty. Large, showy flowers of pure primrose-yellow are produced very freely on long, graceful stems. In color variations they are grand.

BARTON DE GRACIA—Novelty. The only fragrant white Peony flowered dahlia in existence. The flowers are borne in miraculous profusion upon long, graceful stems, they are pure white in color. Each 35c, prepaid.

GAMERIA—Beautifully formed flowers of wine color with bright glowing crimson. Very finely artistic flowers, admired by all. Each 25c, prepaid.

LA RAINE—New fragrant Peony Dahlia. The color, a charming deep lavender-pink with an exquisite golden yellow center, combines to make the flowers most beautiful. Its long, graceful petals are curved and twisted, giving the whole a unique appearance. The fragrance of this variety is very pronounced. Each 35c, prepaid.


QUEEN EMMA—New fragrant Peony Dahlia. Flowers are a most beautiful shade of hollyhock-pink, the inner petals banded with gold. Exceptionally fine sort. Each 35c, prepaid.

BARON DE GRACIA—Novelty. The only fragrant white Peony flowered dahlia in existence. The flowers are borne in miraculous profusion upon long, graceful stems, they are pure white in color. Each 35c, prepaid.

GERMANIA—Beautifully formed flowers of wine color with bright glowing crimson. Very finely artistic flowers, admired by all. Each 25c, prepaid.

LA RAINE—New fragrant Peony Dahlia. The color, a charming deep lavender-pink with an exquisite golden yellow center, combines to make the flowers most beautiful. Its long, graceful petals are curved and twisted, giving the whole a unique appearance. The fragrance of this variety is very pronounced. Each 35c, prepaid.


QUEEN EMMA—New fragrant Peony Dahlia. Flowers are a most beautiful shade of hollyhock-pink, the inner petals banded with gold. Exceptionally fine sort. Each 35c, prepaid.

DOUBLE MIXED DAHLIAS.

All colors and forms of fine double flowered varieties. Each 15c. 12 for $1.00, not prepaid.

SHOW DAHLIAS.

Flowers of this class are round, ball-shaped, compact and double, beautiful and highly colored.

Price of bulbs, except where noted: Each 20c, dozen $2.25, prepaid.

A. D. LIVON—Exquisite soft pink, early and free flowering.

GLOIRE DE GUISSARD—An almost indescribable combination of colors. Orange, red, pink, yellow and white. Very novel and attractive. 35c each.

MADE ADAMS—Novelty. A wonderful dahlia, unsurpassed in every respect. The color is a pure, snowy white, overlaid with crimson. One of the finest new kinds. Plant is of strong growth and produces flowers abundantly. Each 50c.

MERLIN—Bright, intense orange-scarlet. One of the best sorts.

QUEEN VICTORIA—Lovely golden yellow. Blooms early, very freely and continuously.

ROBERT BROOMFIELD—Pure white, large flowers. A good bloomer.

STRADELLA—Beautiful deep purple crimson flowers on long stems. Very free bloomer.

NEW PAEONY FLOWERED DAHLIAS.

A brilliant, showy class recently originated in Holland. The plants grow vigorously and tall, blooming profusely through a long season. Flowers are broad and flat, rather loosely constructed; in color dainty and charming.

BARON DE GRACIA—Novelty. The only fragrant white Peony flowered dahlia in existence. The flowers are borne in miraculous profusion upon long, graceful stems, they are pure white in color. Each 35c, prepaid.

GERMANIA—Beautifully formed flowers of wine color with bright glowing crimson. Very finely artistic flowers, admired by all. Each 25c, prepaid.

LA RAINE—New fragrant Peony Dahlia. The color, a charming deep lavender-pink with an exquisite golden yellow center, combines to make the flowers most beautiful. Its long, graceful petals are curved and twisted, giving the whole a unique appearance. The fragrance of this variety is very prominent. Each 35c, prepaid.


QUEEN EMMA—New fragrant Peony Dahlia. Flowers are a most beautiful shade of hollyhock-pink, the inner petals banded with gold. Exceptionally fine sort. Each 35c, prepaid.

All colors and forms of fine double flowered varieties. Each 15c. 12 for $1.00, not prepaid.
LOVELY GLADIOLUS.

The Gladiolus is the most attractive of all summer-flow-ering bulbs, and deserves a place in every garden, as it is sure to flower and do well with little care. Flowers are of almost every desirable color. For best results they should have a sunny position.

PRINCES—This magnificent new gladiolus produces spikes often 3 feet long, which carry from 18 to 22 broad petal-like, immense flowers, about 6 inches across, of perfect, open form and waxy substance. The color is glowing scarlet-crimson, enlivened below the throat by a large, white blotch. Each 5c, dozen 50c, prepaid. Each 10c, dozen $1.00, prepaid.

AMERICA—Strong plants with erect flower spikes, 2 to 3 feet long, bearing a great number of large blossoms, showing a most beautiful shade of lavender-pink, almost a flied white; there is no other gladiolus so beautiful. Each 5c, dozen 50c., prepaid. $10 for $3.00, not prepaid.

MINNESOTA—Fine large flowers; beautiful, delicate chrome-yellow with cherry-red throat. A very fine new variety; splendid for cut flowers. Each 5c, dozen 75c, prepaid.

GLORY—The new Ruffled Gladiolus, lovely, delicate pink, crimson stripes in center of each lower petal. Flowers have ruffled and frilled petals. Tall flower, good bloomer. Each 10c, dozen $1.00 prepaid.

NEPHOPHILES—Flowers of large size, dark salmon-red, stained with black and yellow. Very odd and grotesquely showy. Each 10c, dozen $1.00 prepaid.

CHICAGO WHITE—Pure white with lavender markings in throat; large flowers. Each 5c, doz 80c, prepaid.

FRILLED PINK—Beautiful shade of pink, flowers have ruffled or frilled petals. Each 7c, dozen 70c, prepaid.

BLUE JAY—The only real blue gladiolus yet introduced; the color is a rich, deep violet-blue. Each 10c, dozen $1.00, prepaid.

STANDARD SORTS GLADIOLUS.

These six Standard varieties: Each 5c, dozen 50c, prepaid. $10 for $4.00, not prepaid.

AUGUSTA—Lovely, large flowers, pure white, with blue anthers. One of the best for cut flowers. Each 5c, dozen 75c, prepaid.

INDEPENDENCE—Brilliant rose-pink, with throat markings of dark red; long, large spikes. Each 5c, dozen 50c, prepaid.

BLOOMER—Clear primrose yellow with crimson blotch. Blooms early.

JHS. F. KING—Immensely large flowers of beautiful flame-like color.

GOLDEN QUEEN—Clear bright sulphur-yellow, the best of this color.

VELVET KING—Glowing rich dark scarlet, very fine.

GOLD MEDAL MIXTURE GLADIOLUS.

By far the finest mixture of Gladioli ever offered, containing a splendid variety. The flowers are all extra large, of perfect form, splendid substance and of so great a diversity of color that very seldom two are alike. Each 7c, dozen 60c, prepaid. $10 for $4.00, not prepaid.

GOOD MIXED GLADIOLUS.

A splendid mixture, composed of fine sorts only, in all colors; first size bulbs. Dozen 30c, prepaid. $10 for $1.50, not prepaid.

ISMENE CALATHINA.

(PEREVULIUM.)

A very fine and curious plant. The flowers are of very large size, like an Amaranth in form, and of snowy whiteness, and are also exceedingly fragrant. Bulbs are large and strong, beginning to flower in a few weeks after planting. As a hardy plant it is grand, and as a garden plant, treated like gladiolus, it gives splendid results. Each 2c, $3 for 50c, dozen $1.75, prepaid.

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A very fine and curious plant. The flowers are of very large size, like an Amaranth in form, and of snowy whiteness, and are also exceedingly fragrant. Bulbs are large and strong, beginning to flower in a few weeks after planting. As a hardy plant it is grand, and as a garden plant, treated like gladiolus, it gives splendid results. Each 2c, $3 for 50c, dozen $1.75, prepaid.

FAIRY LILIES.

(ZEPHYRANTHES.)

The Zephyrantes are gems of rare beauty, producing very beautiful, lily-like flowers in great profusion during the summer. They grow a bush 4 inches high and are very effective in masses or borders and also suitable for pot culture: 6 to 12 bulbs planted in a six-inch pot will make a fine display. We can supply the following colors: Pure White, each 6c, doz. 60c.—Rose, each 10c, doz. $1.00.

LILIES.

Lilies have always been regarded as some of the most beautiful of our garden plants. They are quite hardy, and once established become a permanent and attractive feature of the garden, blooming more profusely each succeeding year.

CANADENSE—Native Canadian lily with lovely, nodding, bell-shaped flowers of bright yellow color, marked with bineal spots. Each 15c, 3 for 40c, prepaid.

TIPROVED SINGLE TIGER LILY—A very hrdy lily, bearing when well established 8 to 20 flowers, which are of orange-red color, spotted with black. Stems black polished, 3 to 4 feet high. Blooms in August. Each 10c, dozen $1.00, prepaid.

DOUBLe TIGER LILY—Grows 3 to 4 feet high and bears an immense number of bright orange-red flowers. The only double lily worth growing. Of easy culture, blooms in August. Each 12c, dozen $1.20, prepaid.

auratum—Grand umbles of upright, large, tulip-shaped blossoms of many shades of yellow and red. They belong to the earliest of our Lilies, are of easy growth and bloom freely. Each 15c, 3 for 40c, prepaid.

ALBUM—Flowers pure white with a greenish band thru the center of each petal. Great substance and very fragrant. Large bulbs, 25c each, 3 for 65c.

rubrum—No words can overstate the brilliant beauty of these famous lilies. The six broad white and pink petals are thickly dotted with rose and crimson spots. Its brilliant coloring and graceful form make this lily very effective and desirable. It is especially thrifty and hardy. Large bulbs, 20c each, 3 for 50c, $1.75 prepaid.

WINTER BLOOMING BULBS.

For fall planting, either for house culture or early spring blooming in the garden, we offer a large assortment of choice Holland bulbs. Write for price list.

Our Nursery Stock is sold direct to the planters. We employ no agents; our catalog are our only salesmen.

EVER since we have been engaged in the seed growing business in Minnesota we have received inquiries for hardy Nursery Stock, and to meet the wishes of our customers, we started some years ago to grow on a small scale different varieties of small fruits, apples, shrubs, etc. The business increased from year to year and we now have nursery comprising two hundred acres, and are able to offer a very complete list of nursery stock, all our own growth. This year we have added again many valuable varieties. All our trees and plants are properly and carefully grown. Nature favored our section with a rich, deep soil, and our very severe climate insures extra hardy, vigorous stock. Soil, climate and all other conditions here are the most favorable to the growing of nursery stock, producing solid healthy growth, a splendid root system with a great abundance of fibrous roots, so necessary to the successful transplanting and future value of the trees. Trees and plants from our nurseries can withstand the cold, rigorous winters of the North, as well as the hot dry summers of the West, and will grow quickly and splendidly in milder climates.

We grow and supply the best grade of nursery stock the market affords, our stock can be depended upon to produce maximum results even under unfavorable conditions. Notwithstanding the high quality of everything we send out, you will find our prices very reasonable.

The high quality, our constant endeavor to please, and our minimum prices should merit your patronage.

FILLING ORDERS is done by experienced men in the most careful manner, so that our stock always reaches its destination in a good, fresh condition, no matter what the distance is. We make no charge for packing and boxing, although our prices are extremely low: purchaser pays transportation charges, except where prepaid prices are quoted in catalog.

SEEDS AND NURSERY STOCK are not shipped together. While seeds can be shipped almost any time, nursery stock must be shipped when danger of heavy frost is over in the growing season.

OUR SHIPPING AND PACKING FACILITIES are excellent. Our large cellars and packing sheds enable us to pack early, regardless of the weather, so that we can always ship to our Southern customers at the proper time to plant.

QUESTIONS regarding the handling, planting and taking care of nursery stock will be cheerfully answered, and any information from our friends about their success with our stock will always be highly appreciated.

CARE OF STOCK ON ARRIVAL.—As soon as the trees or plants arrive they should be uncrated and planted; if it is impossible to do so at once, they should be heeled in moist earth in some sheltered location.

PLANTING.—A hole should be dug sufficiently large to put the tree in without cramping the roots, and always deep enough so that 2 or 3 shovels full of good surface soil can be thrown in the bottom. When the tree is set, some good pulverized loam should be filled in around the roots, shaken tolerably between them and then packed or tramped down. When the hole is about three-fifths filled and the soil well packed, a pail of water may be poured in the hole (this is especially beneficial for evergreens), but no more earth should be put in until the water has thoroughly soaked in. In any ordinary season this is the only watering required. Never fall to keep the roots of all trees thoroly protected from sun and wind while planting.

MULCHING.—When the tree is planted throw around it as far as the roots extend, and a foot beyond, five or six inches deep of rough manure or litter. This is particularly necessary in dry ground, and is highly advantageous everywhere, both in saving and fall planting. It prevents the ground from balking or cracking, and maintains an equal temperature about the roots.

AFTER-CULTURE.—The grass should not be allowed to grow around young trees after being planted, as it hinders their growth. The ground should be kept clean and loose around them until, at least, they are of hearing size.
APPLE TREES.

Our apple trees are propagated by grafts on hardy crab apple roots. Our method differs from others inasmuch as we use a longer season, and by planting the roots-grafts deep, the scion, too, will take root, so that we may say we grow apple trees on their own roots. The trees grown by our method are the hardest obtainable and the only kind that will thrive and bear everywhere; besides, they are provided with the best root system, have a mass of fibrous roots, and will be found the most dependable, the healthiest, most vigorous grown anywhere, and our varieties have proven the best adapted and most valuable for the Northwest. By planting the right varieties, fine luscious apples may be had during nearly the entire year.

A word about our 4 to 5 feet Apple Trees.—Our method of growing low branched trees is well known that the Central and Northwestern States, and for the benefit of our customers the following information will be of value:

Our 4 to 8 feet Select are trees measuring 5 to 6 inches in caliper. Our 4 to 5 feet Extra Select are trees measuring 4 inches and up in caliper; this means that the stems of our 4 to 5 feet Extra Select trees are really heavier than any 5 to 7 feet trees offered by others. Such low branched trees with heavy, stocky stems are naturally better adapted for the Central and Northwestern States than the taller slim stemmed trees grow farther south; hence we claim our trees are the best, and bring the largest, as well as the quickest returns.

In some localities in the West we sell large quantities of this size, especially of such varieties as Fatten's Greening, Longfield, Hibernia, Wealthy, Malinda and Northwestern Greening. We invite large planters to write us for special prices on quantities. For the family orchard we recommend to plant a few trees of each of the Summer, Fall and Winter varieties. For extreme northern sections we recommend the Duchess, Hibernia and Wealthy. The Hibernia is the hardest of all known apples.

Duchess of Oldenburg.

PRICES OF ALL APPLES AND CRAB APPLES.

<table>
<thead>
<tr>
<th></th>
<th>Per 1</th>
<th>Per 12</th>
<th>Per 25</th>
<th>Per 100</th>
<th>Per $50</th>
<th>Per 1000</th>
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<tbody>
<tr>
<td>2 to 3 feet, 2 year roots</td>
<td>15c</td>
<td>$1.50</td>
<td>$2.75</td>
<td>$10.00</td>
<td>$45.00</td>
<td>$80.00</td>
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<tr>
<td>3 to 4 feet, 1 year old, branched</td>
<td>20c</td>
<td>2.00</td>
<td>4.00</td>
<td>15.50</td>
<td>62.50</td>
<td>110.00</td>
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<tr>
<td>Select 4 to 5 feet, 2 years old, well branched</td>
<td>25c</td>
<td>2.50</td>
<td>4.75</td>
<td>17.50</td>
<td>82.50</td>
<td>150.00</td>
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<tr>
<td>Extra Select 4 to 5 feet, 3 years old</td>
<td>30c</td>
<td>3.25</td>
<td>6.25</td>
<td>22.50</td>
<td>100.00</td>
<td>175.00</td>
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<tr>
<td>5 to 6 feet, extra fine, 3 years old</td>
<td>35c</td>
<td>3.85</td>
<td>7.80</td>
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<tr>
<td>6 to 7 feet, large 4 year old trees, measuring 1 1/2 to 2 inches in caliper, with large roots and tops, of only Northwestern Greening</td>
<td>45c</td>
<td>4.75</td>
<td>9.25</td>
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<tr>
<td>Mailing Size, postpaid, all varieties listed</td>
<td>15c</td>
<td>1.50</td>
<td>2.75</td>
<td>10.00</td>
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We furnish 6 at dozen rate, 50 at 100 rate.

SUMMER APPLES.

CHARLAMOFF—Season Aug. to Sept. Tree is spreading, vigorous and very productive. Fruit large, oblong, light yellow, covered with dark crimson splashes, and overlaid with a heavy blue bloom; flesh white, fine grained; a fine dessert and cooking apple.

DUCHESS OF OLDENBURG—Season August. This well-known Russian variety is the hardiest of the old list and is a young and abundant bearer. Tree is dwarf and can be planted profitably as a dil. A handsome, large fruit, oblong, greenish yellow, almost wholly covered with stripes and splashes of bright crimson. Flesh is white, sprightly acid, tender, juicy and pleasant. A kitchen apple of the finest quality and also highly esteemed for dessert. A good shipper for an early apple. Should be found in every orchard in the Northwest.

GILBERT—Season September. A very choice variety, resembling the well-known Duchess in color, but ripening about three weeks later. Fruit large; tender; juicy, flesh of pleasant taste. Tree hardy and very productive. A splendid kitchen apple.

CHRISTMAS—Season Nov. to Dec. Hardy Russian variety. Upright, vigorous grower and annual bearer; free from blight. Fruit medium size, roundish-conical, very beautiful; yellow with bright crimson stripes. Flesh white, Juicy, tender, sub-acid. Splendid apple for the home orchard.

ESTELINE (Late Duchess)—Season Oct. to Jan. A beautiful red apple of the Duchess type: good quality. Tree hardy and productive. Especially valuable for light soils, where other varieties would fail. Popular in Minnesota and Nebraska. In all regions where hardiness is a consideration, this splendid sort should be planted.

EVELYN—Season Oct. to March. A seedling of the Wealthy, practically the same season; free from blight, good yilder of cren. medium size, highly colored fruit which hangs on until picked. Excellent variety for market and home use. Long keeper.

IOWA BEAUTY—Season Oct. to March. A strong, vigorous, upright grower, very hardy. Fruit very large, roundish, of golden yellow color, striped and splashed with dark red. One of the handsomest large fruits on our list, and a favorite wherever known. Flesh rich yellow, firm, juicy, acid and of excellent quality. Deserving of a place in every orchard. Reported very successful far North and East.

LONGFIELD—Season Oct. to Dec. Origin Russia. A strong, spreading grower. Very hardy. An early, annual and heavy bearer, inclined to overbear; fruit medium sized, roundish-conical, skin smooth, polished, clear waxen yellow, with a lively red blush. Flesh white, sub-acid, tender, juicy and of pleasant aromatic flavor. Especially recommended for Iowa, Minn. and other northern states.

MILLER'S SWEET—Season Sept. to Nov. Tree a strong, vigorous grower with spreading head, very hardy, early and heavy bearer. Fruit conical, medium large, greenish-white with red cheek. Flesh firm and sweet. One of the best sweet apples for the North.

LIVELAND RASPBERRY—Season Aug. to Sept. A valuable Russian variety, medium to large fruit of a beautiful clear waxen-white color, marbled crimson; flesh stained with red, extra good flavor, tender, juicy and sub-acid. Tree extremely hardy and succeeds well everywhere, bears young, blooms late and is blight resistant. Liveland Raspberry is one of the best quality and most profitable summer apples, especially for the Northwestern States.

SUMMER PEAR—Season Aug to September. Fruit of good size, yellow with red cheeks. Flesh fine grained, mild, very fine flavor. Tree very hardy, a rapid, upright grower, early and heavy bearer. It should be in every orchard.

YELLOW TRANSPARENT—Season August. A very hardy Russian sort. Tree bears very young and annually. Fruit large and showy, pale yellow; flesh tender, sub-acid; extra good quality. Very early. Succeeds well in the East, also far North. Does well on light soils.

AUTUMN APPLES.

ANISIM (Page 100)
APPLE TREES. Continued.

AUTUMN APPLES. Continued.

OKAHENA—Season Sept. to October. Originated in Minnesota and is one of the best apples for the Northwest. Tree is perfectly hardy and develops into a fine, spreading orchard tree. It bears extremely well. Fruit medium to large, but varies much in size, sharply conical, skin smooth, rich yellow, with dull red blush, and numerous minute, distinct, white dots. Flesh yellowish white, firm and juicy, very mild, sub-acid with sweet aftertaste. An excellent long keeping apple.

MALINDA—Season January to March. Originated in Washington. Tree is perfectly hardy and develops into a fine, spreading orchard tree. It bears extremely well. Fruit medium to large, but varies much in size, sharply conical, skin smooth, rich yellow, with dull red blush, and numerous minute, distinct, white dots. Flesh yellowish white, firm and juicy, very mild, sub-acid with sweet aftertaste. An excellent long keeping apple.

MILWAUKEE—Season Nov. to Mar. Splendid long-keeping winter apple, one of the very best for the Northwest, hardy everywhere, free from blight and commonly productive. The fruits are large, flattened, splashed red bright red; very juicy, and of good flavor.

MINNETONKA—Season Nov. to Mar. Originated near Lake Minnetonka, Minnesota. Tree very hardy and productive, bearing early and continuously; thrives well in nearly all soils and is practically blight proof. Fruit very large, bright red in color, with small core; flesh tender, crisp, of delicious sub-acid flavor, excellent for eating and cooking. Splendid market variety on account of its good keeping qualities.

NORTHWESTERN GREENING—Season Dec. to March. Originated in Wasco County, Wisconsin. A strong, vigorous tree, very hardy, bears young and yields big crops of fine apples. Fruit large, very large, oblong; transpar- ent yellowish green. Flesh firm, juicy, sub-acid and good. A long keeper and splendid market and table sort. It is claimed this tree has withstood the greatest blight in the Pacific states. ORIGIN: Slightly starred.

PATTEN'S GREENING—Season Nov. to Jan. A seedling of Duchesse, very productive, an early and regular bearer of strong growth than its parent, with strongly shouldered limbs and green, glossy bark. Fruit very large; oblate; skin yellowish green with dull bronze blush and minute greenish dots. Flesh white, juicy, slightly sub-acid, good for table and excellent for cooking. This variety has proved to be very profitable in the home orchard as well as for market and deserves the fullest confidence of the planter.

PEERLESS—Season Oct. to Jan. Originated in Minnesota. Fine, vigorous, upright trees; very hardy, blight proof. Fruit medium to large, of a greenish color, thinly striped with dull red. Flesh yellowish white, fine grained, juicy and of fine quality. Does well on dry soils.

PERFECT—Season Nov. to Jan. One of the best Lyman (Excelsior) Minn. seedlings. Tree of moderately quick, spreading growth. Fruit of good size, round, good quality and color. Deserving of trial in every home orchard.

PEWAUKA—Season Dec. to March. Fruit large, yellowish green, striped and shaded with dull red, overlaid with a bluish bloom; flesh yellowish, rather coarse grained, firm, juicy, flavor sub-acid. Tree is a strong, quick grower.

PEWPOWER—A Russian variety, upright grower, and an early and prolific bearer. Fruit medium sized, yellow, striped red with a brownish, mild, sub-acid and of fine quality.

WINTER APPLES. Continued on next page.
APPLE TREES. Continued.

WINTER APPLES. Continued.


TALMAN'S SWEET—Season Dec. to March. Tree hardy, a vigorous grower, upright white young and spreading with age; very productive. Fruit above medium, nearly globular, of yellowish white color with faint blush on sunny side. A splendid winter sweet-apple.

UNIVERSITY—Season Nov. to Dec. Tree very hardy, a vigorous grower and very productive. Fruit large, very regular, clear yellow; flesh white with pleasant sub-acid flavor, fine quality. Should be planted everywhere. This variety should really be classed as a late autumn sort, but owing to its commercial value as a market sort, we consider it fully as valuable as most winter apples.

WALBRIDGE—Season Jan. to April. Perfectly hardy as far north as Southern Wisconsin and Minnesota. Tree is a heavy bearer. Fruit is medium size, yellowish green, striped and splashed with red; flesh fine grained, juicy, mild, sub-acid, finest quality.

CRAB AND HYBRID APPLES.

Crab apples are every year becoming more esteemed and cultivated. They are both useful and ornamental, and combine the qualities of extreme hardness and productivity, being capable of enduring an extremely cold climate, and bearing annually large crops of highly colored and beautiful fruit, of which some varieties are excellent for dessert, while others are valuable for drying, cooking, preserving, and for making jellies, cider, etc. Crab Apples are attractive and valuable trees for the garden and lawn as well as for the orchard.

BEACH'S SWEET (Crab)—Season Sep. to Oct. Extremely hardy tree of handsome shape and quick growth, a very heavy bearer. Fruit is large, of bright, rich carmine color when ripened in the sun. Flesh is very juicy, crisp and firm, unexcelled in quality. Without doubt the best of the sweet crab apples. Very fine for sweet pickles. When in full fruit it is one of the most ornamental trees grown.

DAHRT (Hybrid)—Season Sep. to Oct. A vigorous, extremely hardy and ideal orchard tree. Fruit large, yellow ground covered with rich red stripes; flesh yellow, medium fine grained, sub-acid. A fine and valuable variety for all purposes. Tree is very productive, a spreading and thrifty bearer.

EARLY STRAWBERRY (Crab)—Season Aug. Tree hardy, spreading, very productive and the earliest of all to ripen; the fruits are medium size, greenish yellow with carmine stripes and splashes and of a mild, sweet flavor; one of the best crabs for eating. An old time favorite in the Northwest.

FARIBAULT (Hybrid)—Season Oct. to Nov. A large, handsome hybrid, red over greenish yellow ground. Tree upright, vigorous, hardy; very free from blight. A splendid variety, which originated here at Faribault and has given the Northwestern planter the utmost satisfaction.

HYSLOP (Crab)—Season Oct. to Dec. Undoubtedly one of the best all around crabs for the Northwest. A very hard and strong grower, generally coming in bearing the second or third year after planting, very productive annually. Fruit large, of beautiful crimson color; flesh yellow shaded with red, good for cider and culinary purposes. Fruit is born in clusters which makes the tree very ornamental. Tree has proven very satisfactory here in the Northwest and in the western states, especially in Colorado.

MINNESOTA (Hybrid)—Season Oct. to Jan. One of the most desirable crabs for the northern and western states. A hardy, spreading grower, productive. Fruit large, yellow, splashed with blush; flesh is cream white, fine grained, juicy, acid, of fine flavor and slightly aromatic; a good keeper. Delicious eating apple.

TRANSCENDENT (Crab)—Season September. Very hardy, a vigorous grower, an early bearer and immensely productive. Does well in the extreme North, where it is enormously planted. Fruit medium to large, bright red; flesh yellow, crisp, very juicy, acid and fine grained, of pleasant and agreeable flavor. Valuable for all purposes, fine for jelly. Does well in Montana and is the leader for that section.

WHITNEY'S SWEET (Hybrid)—Season Aug. to Nov. A beautiful, upright growing tree. A young and annual bearer, large size, conical, bright striped with red and covered with a white bloom. Flesh yellowish-white, crisp, sub-acid, almost sweet and very fine for eating, as it is of rich flavor; good for sweet pickles, unexcelled for jelly and preserves.
CHERRIES. Hardy Varieties.

Cherries do best on sandy or gravelly, well drained soils and southern slopes, but will do very well in almost any situation, except a wet and exposed one. They are desirable for planting near dwellings, where beauty and shade, as well as fruit, are so much sought for.

Price of all varieties (except Compass and Rocky Mountain) extra select trees: 3 to 4 feet trees, each 30c, 12 for $3.25. 4 to 5 feet, each 45c, 12 for $4.75. 5 for $9.00, 100 for $21.50.

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

ES. S. & N. CONN F. S. & N. CONN HOMER—Very hardy and productive bearing variety. Fruit of medium size, with very small pit, dark red; flesh juicy, rich, of excellent quality, similar to Early Richmond. At all around good variety for the Northwest, and should be extensively planted. The Homer Cherry has a trained much attention of late among the Minnesota growers on account of its extreme hardiness. Ripens in July.

MONTMORENCY—A beautiful, large, red cherry, larger and finer than Early Richmond, but fully 10 days later. Being extraordinarily prolific and very hardy, it can be highly recommended. Valuable for canning and preserving.

WRAGG—Originated in Iowa. Tree very hardy, not subject to disease, a regular bearer. Fruit large, dark red, nearly black; flesh tender, juicy, rich, slightly acid. The hardiest and longest lived of the Morello type cherries. Splendid market sort. Ripens in July.

ENGLISH MORELLO—The hardest of the black, heart-shaped cherries. Fruit large, juicy, very rich, sub-acid. Tree of dwarf growth. Ripens in July.

COMPASS CHERRY—Flum—The hardest variety in cultivation. Will withstand a winter temperature of 60 degrees below freezing and bear an abundant crop of fruit the following summer. This cherry originated at Springfield, Mass., and is absolutely hardy everywhere. Fruit is about an inch in diameter, of bright red color, sweet, juicy and of very fine flavor. The tree is a regular and hearty bearer, and produces fruit the next year after setting out. For exposed situations and for the far North and West its the cherry. (See Illustration on page 103.) Price: 3 to 4 feet, each 35c, 12 for $3.75.—

Early Richmond Cherry.

ROCKY MOUNTAIN CHERRY—A reliable, hardy, dwarf cherry, very productive. This cherry is generally grown in bush form like currants; it is hardly ever troubled with insect pests or fungus diseases. The fruit is of a beautiful rich crimson color when ripe, of fair size, good flavor—excellent for both home and market. To be recommended for exposed locations where the other cherries will not thrive. Tree is very ornamental and deserves a place in every yard. Each 30c, 12 for $3.00. 26 for $7.50. 100 for $21.50.

Price for bushy plants: 2 to 3 feet, each 20c, 12 for $2.00. 26 for $4.00. 100 for $14.00.—3 to 4 feet, each 35c. 12 for $3.75.

PLUMS. Hardy American Varieties.

Plums succeed best in reasonably moist and rich soil. The trees need comparatively little care, come into bearing early and yield abundantly. They may be planted much closer than apple trees and will bring the best results and produce the most perfect fruit when two or more varieties are planted together.

Price of the following varieties, extra select trees: 3 to 4 feet trees, each 30c, 12 for $3.25. 4 to 5 feet, each 45c, 12 for $4.75. 5 for $9.00, 100 for $21.50.—

BRITTLWOOD—Fruit very large, dark red, mottled with heavy grayish bloom; flesh firm and of excellent quality. Tree is hardy, a thity, spreading grower.

CHENY—A very hardy and early variety. Tree is strong, vigorous, upright grower and annual bearer. Fruit oval, medium to large, dark red, with slight blue bloom; flesh yellow, fine grained and firm. Valuable for market on account of its carliness. One of the best and hardiest of the early plums. Will be found of great value in every orchard, as there are few sorts of its season.

DE SOTO—Probably the most grown of the American sorts. Fruit of medium size, oval, overspread with bright red; flesh yellow, very firm, of fine flavor and good quality. It is a profitable market variety and excellent for all home uses. Tree very hardy and productive, inclined to overbear. Does well in both Illinois and Michigan. Season Sept.

STODDARD—Fruit large, oval; color pinkish red over yellow, with very small white dots and bluish bloom over all; skin thick and therefor a good shipper; flesh yellow, fairly juicy and of good quality. Tree bears early and heavy. Adapted to all soils. Season medium early.

SURPRISE—This variety originated at Sleepy Eye, Minnesota, and is one of the best plums for the North. A fine symmetrical grower with beautiful foliage and a good bearer. Fruit red, dotted with many minute light spots, very large and meaty; flesh pale yellow, of fine flavor; a good keeper and splendid for canning and market. Medium early.

WOLF—One of the most popular and widely planted of all our hardy plums. A very rapid grower which comes into bearing when young and is very productive. Fruit large, round to oval; color crimson over orange-freestone. Flesh yellow, of good flavor and quality. Season August 25th to September Ist. One of the very best market varieties in the Northwest. The tree is beautiful and symmetrical, and regular in bearing as far north as Manitoba, Canada.

WILHELM—A large and productive variety and a remarkably early and constant bearer. The fruit attains a fair size, even with a heavy crop, and is of a beautiful, deep purplish-red color, slightly oblong in form; flesh rich and of good quality. Tree is of spreading growth. A splendid plum for both home use and market. Ripens about Sept. Ist.

SPECIAL: Of Forest Garden and Surprise we have a limited number of extra strong, 6 to 7 feet trees, at 75c each, $7.50 per dozen.

PROF. HANSEN’S NEW HARDY PLUMS
Best for the Northwest. See under Novelties, page 125.

When sending any order, ask for booklet on the care of Trees, Plants, etc. Free to our customers.
PEARS.

Price: 4 to 5 feet extra select trees, $3.50 each.
12 for $3.50.

These are not considered hardy here, but should be planted for trial in sheltered and favorable locations as far north as southern Minnesota. The following three varieties are the hardest and most reliable.

**FLEISCHMANN BEAUTY**—Fruit large, beautiful, very sweet, rich and melting, pale yellow, almost covered with light russet, tanning reddish brown when ripe. Very sweet, large, and very juicy. Rusty, rough, hardy and fruitful. Succeeds in most parts of the country, especially recommended for the North and for Montana. Season September to October.

**KING**—Very profitable market sort. on account of its good shipping and keeping qualities. A favorite for canning and preserving. Fruit large, rich golden yellow. Tree is a vigorous grower, an early and prolific bearer, resisting blight to a very large degree. Must be planted in any variety in the Northwest; does well in Kansas, Oklahoma and Texas. Season October to November.

**VERMONT BEAUTY**—A most desirable pear. The fruit is of medium size, very handsome, being yellow with a bright carmine cheek; the flesh is rich, juicy, aromatic, of the best quality. Tree hardy and a vigorous grower. Season September to October.

**SPECIAL OFFER**—We will furnish 1 tree of each variety for 90c.

PEACHES.

Price for 1 year old, budded trees, 4 to 5 feet high, each 50c, 12 for $3.00.

While we are not able to grow peach trees to bearing size in Minnesota, our climate is especially favorable during growing season to produce stocky and healthy trees. We list the 3 hardest varieties.

**BOKARA NO. 3**—Raised from seed received from Bokara, Asia. The hardest peach known. Has been in bearing for several years in Central Iowa, and produced fruit after 20 degrees below zero. Fruit measures over seven inches in circumference. Yellow with red cheek; skin thin; flesh of good quality; perfect freestone. Ripens about September 1st to 10th.

**CRONST**—Medium size, roundish, with a distinct stem on blossom end; skin light greenish yellow and very downy; flesh bright yellow and rather firm; tree of rather dwarfish habit. Has won especial favor on account of great hardiness. Freestone. Ripens in August.

**SPECIAL OFFER**—We will furnish one tree of each variety for 75c.

Buffalo Berry.

The fruit of the Buffalo Berry resembles small currants, is round, smooth and glossy, of a beautiful red color. The berries ripen in July and literally cover the twigs and branches, and will hang on the bush until nearly spring. They make excellent preserves, jellies and butter, and are also much used for pies and tarts, and for making wine. The tree is hardy anywhere, and a constant and prolific bearer, and is well adapted for cutting for ornamental purposes alone. Plant the Buffalo Berry for a winter berry, as they are a most delicious fruit. Price: Extra strong, transplanted trees, 2 to 3 feet high, 25c each, 12 for $2.50, 25 for $4.50, 100 for $15.00.

High Bush Cranberry.

Hardy in the North and Sun Proof in the South.

A very hardy and attractive shrub, with beautiful, rich dark green foliage and large clusters of pure white flowers in early summer; these are followed by large berries which turn a rich deep scarlet in autumn. The berries are not only very showy and ornamental, but are also of great value for making jelly and preserves, the flavor being somewhat similar to that of the common cranberry. This variety thrives anywhere and should be planted extensively. Price: Strong, well branched, transplanted plants, 18 to 24 inches high, 20c each, 12 for $2.00, 25 for $4.00, 100 for $14.00.—2 to 3 feet, each 50c. 12 for $3.00, not prepaid.—Mailing size, 15c each, 12 for $1.50, prepaid.

Rhubarb or Pie Plant.

Also called Wine Plant. This plant affords the earliest material in the spring for pies and tarts. It is valuable for canning and the juice can be set out either in spring or fall. Will grow in any good garden soil. Plant in rows four feet apart, and the plants 3 feet apart. Set the roots so that the crowns are about an inch below the surface.

**VICTORIA GIANT**—Shrub, handsome, of excellent quality. Price same as above.

**RED WINE OR DEL-**

**LON**—On account of the beautiful bright crimson color of the flesh and the sauce made from it this variety is highly recommended. Price: By mail, each 25c, 3 for 50c, 6 for 90c, prepaid.
HARDY GRAPE VINES.

The varieties listed are the hardest and most reliable in cultivation. Our grape vines are carefully grown stock with splendid roots. A grape vine plantation is easily taken care of and does not require any commercial way so fruit crop shows greater return on the investment.

The grape is one of the best and healthiest fruits we have. Grows in most any kind of soil that is not too wet, any side hill will do for a vineyard. Those who have only a lot or two or a small garden, can plant them along side a building or fence. They will take up very little room, and if properly taken care of will bear heavily. Ripens so early as to produce an abundance of fruit almost every year. They make a splendid screen for unsightly buildings, or can be trained over walls and fences, repaying many times over, with healthful and refreshing fruit, their small cost and care. If the vines are put down on the ground in the fall and covered with a few shovels of earth they will stand a severe climate.

The plants should be set in a slanting position to facilitate winter covering. Plant in rows eight feet apart each way. The plants in the fall, cutting back the laterals to 3 or 4 eyes, this will give enough wood for the new fruiting growth to come from.

For covering arbor and porches the new Beta grape can be especially recommended.

CONCORD—Black. The well known fine old market sort, which is largely planted in all sections, being the most popular grape in America. Large, hardy, bunches of large, thick, juicy berries, covered with a rich bloom. Skin tender but firm. Makes a good shipper; flesh juicy, sweet, and tender. Vine a strong, healthy grower, very hardy and productive. For general cultivation the most reliable variety, succeeding well over a very extensive country. Price: Best 2 year old plants, each 10c, 12 for $1.00, 25 for $1.85, 100 for $6.00, not prepaid.

DELAWARE—Red. Holds its own among the finest of grapes. Bunches small, compact, well filled. Berries rather small, round, white, slightly covered. Skin thin, light red. Flesh very juicy, without any hard pulp, with an exceedingly sweet, spicy flavor. Vines moderate vigor, very hardy and productive. Should be planted in every garden and vineyard. Ripens early and is a good keeper. Price: Best 2 year old plants, each 15c, 12 for $1.35, 25 for $2.50, 100 for $9.00, not prepaid.

BRIGHTON—Red. Bunches and berries large, dark red color, fine rich flavor, juicy and agreeable. Almost a seedless pulp, quality very fine. Extremely hardy, bears well under extremes of weather. Price: Best 2 year old plants, each 15c, 12 for $1.35, 25 for $2.50, 100 for $8.00, not prepaid.

MOORE’S DIAMOND—White. A seedling of the Concord, partaking of all its good qualities. Of a beautiful greenish-white color, without any of the yellow spots found on the Concord. Berries large, sweet, and of as good quality as some of the more delicate varieties. It is as hardy as the Concord, a profuse bearer, and in all one of the best sorts. Ripens early; a few days before the Concord. Very hardy. Price: Best 2 year old plants, each 15c, 12 for $1.25, 25 for $2.25, 100 for $7.75, not prepaid.

By Parcel Post prepaid we will send strong, one year old plants at above prices.

NEW HORSE RADISH—“MALINER KREN”.

This splendid new sort originated in Bohemia and was introduced in the United States by the Department of Agriculture. It is a much earlier and better producer than the common horse radish. The roots grow considerably larger, are of nice white color and the quality is superior. It will pay all growers to plant "Maliner Kren".

Price by mail: 12 for 30c, 50 for 85c, prepaid.—Not prepaid: 100 for $1.35.
RASPBERRIES.

Raspberries are easily cared for, the fruit is always in demand and brings higher prices than most any other crop. Will do well in any good soil. Plant 6 inches to 6 feet apart and about 3 feet apart in the row. Cultivate well and keep weeds out.

We plant every year a block of Raspberries on new soil, this enables us to keep our plants clean, healthy and free from diseases. For the extreme North we recommend Herbert, Sunbeam and Cumberland.

NOTICE: We recommend to plant the transplanted plants for best results, only experienced growers will succeed with the sucker plants.

NEW VARIETIES OF MERIT.

"ST. REGIS" EVERBEARING RASPBERRY—Also called "Early till Late." The only raspberry known that will yield a crop of fruit the first season planted. Awarded a certificate of merit by the American Institute of New York, yields fine fruits for four months in succession. Fruit of finest quality, large size and brilliant crimson color. Our stock is extra fine this year and will please you.

The originator of this new and wonderful variety gives the following description: "Raspberries for four months," that is what you get when you plant St. Regis, the highest in grade, in size, in brilliancy of color, in firmness and in flavor. Its iron-slad hardiness is certainly a wonder and its foliage never suffers by sunburn or scald. The fruit is large, of a beautiful rich crimson color when ripe, rich in sugar, and will stand shipping better than any other variety we know of. It is the earliest raspberry to ripen, and gives a crop of berries all summer and autumn. It succeeds well on all soils. Price: Each 15c, 12 for $1.50, 100 for $5.00, not prepaid. Price each: Each 20c, 3 for 50c, 12 for $1.75, postpaid.

Sucker Plants, 100 for $4.50, 1000 for $40.00, not prepaid.

"HERBERT"—The hardy Canadian Raspberry. A very large red raspberry, extremely hardy and enormously productive. A chance seedling, originated at Ottawa, Canada. The fruits are of the largest size, obtusely conical, bright to rather deep red, firm, sweet and sub-acid, sprightly juicy and of fine flavor. Does especially well on heavy soil and in localities where other varieties fail. Price for transplanted plants: Each 10c, 12 for $1.00, 25 for $1.85, 100 for $6.75, not prepaid. Price by mail: Each 20c, 3 for 50c, 12 for $1.25, postpaid.

Price: Each 12 for $1.00, 25 for $1.50, 100 for $5.25, not prepaid. Price by mail: Each 15c, 3 for 40c, 12 for $1.25, 25 for $2.00, postpaid.

RELIABLE STANDARD RED VARIETIES.

Price of the following varieties, transplanted plants: Each 6c, 12 for 60c, 25 for $1.00, 100 for $3.50, 500 for $15.00, 1000 for $28.00, not prepaid. Price by mail: Each 10c, 3 for 25c, 12 for 75c, 25 for $1.50, postpaid.

Sucker Plants, 100 for $2.00.

F. S. & N. CO'S SUNBEAM—A valuable variety for the Northwest. Originated by Prof. Hansen of South Dakota. The plant is very hardy and productive and has distinct, heavy foliage. Fruit medium size, bright red, and of excellent quality. Long bearing season. This berry should be planted extensively in the prairie states. Of the Sunbeam we have only Sucker Plants to offer this season. Price: Each 12 for $1.50, 100 for $5.25, not prepaid. Price by mail: Each 15c, 3 for 40c, 12 for $1.25, 25 for $2.00, postpaid.

BLACK AND PURPLE VARIETIES.

There are two kinds of plants of this class of raspberries, the one year old tips with very tender roots, and the transplanted plants with strong woody roots. The one year old tips are difficult to make grow, when they have to be handled much and shipped any distance; in many instances a large percentage of them die in transplanting. We find them satisfactory in every respect. Write for prices on rooted tips.

Price of the following five varieties, transplanted plants: Each 7c, 12 for 65c, 25 for $1.25, 100 for $4.00, 300 for $17.50, 1000 for $50.00, not prepaid. Price by mail: Each 10c, 12 for $1.00, 25 for $2.00.

F. S. & N. CO'S KING—This variety was introduced a few years ago and is now considered by nearly all the large fruit growers of the Northwest one of the best all around red raspberries. The plant is a strong grower with clean, heavy foliage. Early and productive. The fruits are large, firm, of a rich color and fine quality. A very reliable variety. Is very hardy, standing cold and heat where many others fail.

CUTHBERT—An old and reliable market sort. Berries very large, firm, good shipper. Flavor is fine, rich and juicy. The best late red sort. Plant is a strong grower and wonderfully productive, but not very hardy in northern Minnesota and the Dakotas.

CUMBERLAND—A very valuable, mid-season variety, entirely hardy, very vigorous, healthy, enormously productive and remarkably free from insect pests. Fruits are the largest of the black varieties, of firm and of splendid quality.

KANSAS—One of the best early sorts, withstand ing extreme drought and cold, bearing immense crops; handsome, firm berries of excellent quality.

PLUM FARMER—This is the largest, most productive and most desirable blackcap in cultivation. The berries are very large, sometimes an inch in diameter, of excellent flavor, firm, thick and meaty. Good for home use, canning or shipping. Ripes very early and evenly. Absolutely hardy.
BLACKBERRIES.

Plant in rows 5 to 6 feet apart and 3 feet apart in the rows. To keep the bed in good, productive condition, the old, weak and dead wood should be cut out every season and in spring the weakest suckers should also be removed, leaving only 4 to 5 strong ones in each hill. Cover with earth in winter, bailing the canes at the roots. The plants do best on sandy loam soil, and with little care they yield very abundantly and always find a ready market at good prices.

**NOTICE**—All our Blackberry and Dewberry plants are large, transplanted plants, and should not be confused with sucker plants, which generally have very poor roots; the latter can naturally be sold for about half the price of transplanted stock.

**NEW HARDY TARTARIAN**—Of special value for planting in the northern states on account of its extreme hardiness. The fruit is above medium in size, extra fine quality, sweet, rich and melting, with practically no core. The berries are brilliant black, retaining their beautiful color through the season and are produced in large clusters. The canes are strong, with healthily foliation, free from rust and bear heavy crops of fruit annually. The bearing season is such an extended one that the Tartarian Blackberry may be called an everbearing variety. Splendid for market and home use, it is excellent for canning and preserving. Price: Strong, transplanted plants, 12 for $5.00, 100 for $38.00, not prepaid.—By mail, each 50c, postpaid.

<table>
<thead>
<tr>
<th>Price of following varieties:</th>
<th>Strong, transplanted plants, 12 for 60c, 25 for $1.00, 100 for $3.50, 1000 for $25.00, not prepaid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>We furnish 6 plants at dozen rate, 50 at 100 rate.</td>
<td>Price by mail, postpaid: Each 10c, 3 for 25c, 12 for 85c.</td>
</tr>
</tbody>
</table>

**Price**:

- 5c, 25c, 100 for $3.50, 1000 for $25.00, not prepaid.
- 5c, 100 for $3.50, 1000 for $25.00, not prepaid.
- 10c, 50 for $2.50, 100 for $12.00, not prepaid.
- 25c, 100 for $3.50, 1000 for $25.00, not prepaid.
- 12 for 60c, 25 for $1.00, 100 for $3.50, 1000 for $25.00, not prepaid.
- 12 for 60c, 25 for $1.00, 100 for $3.50, 1000 for $25.00, not prepaid.
- 12 for 60c, 25 for $1.00, 100 for $3.50, 1000 for $25.00, not prepaid.

**ANCIENT BRITON**—One of the hardiest. A reliable market variety of medium size and of the best quality. Berries large and sweet. Sells well on the market and is a very profitable variety. It is one of the best known and most popular varieties in the North Central States.

**BLACK DIAMOND**—Cane are vigorous and hardy. The fruit is very large, sometimes 1½ inches in length, glossy black, sweet, rich and without hard core. An excellent variety for the market as well as for home use. An annual and heavy bearer.

**DESBREAU**—An early ripening, extremely hardy, extra large fruited sort. Berries are sparkling luscious and remain delicious under all conditions and circumstances. In quality it is exceptionally sweet, rich, melting and luscious, being without core. As a shipper and keeper it is unsurpassed. The canes are of exceedingly strong, upright habit. Foliation large, abundant and entirely free from rust or blight. Its yield is simply enormous.

**SNYDER**—This is one of the best blackberries for market in the North and very hardy. The canes are vigorous and annually productive. The berries are medium in size, very sweet, juicy and of fine flavor. It also lacks the hard core found in many of the other varieties. And in growth and bearing capacity it is equal to the former varieties.

**STONE'S HARDY**—For the northern sections of Minnesota and similar latitudes this variety is especially adapted. The canes are upright, very vigorous and exceptionally hardy. The berries are of medium size, juicy, sweet and of fine flavor and good quality. For market as well as home use. Stone's Hardy is a dependable sort.

DEWBERRIES.

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

**Price**:

- 5c, 25c, 100 for $3.50, 1000 for $25.00, not prepaid.
- 12 for 60c, 25 for $1.00, 100 for $3.50, 1000 for $25.00, not prepaid.
- 12 for 60c, 25 for $1.00, 100 for $3.50, 1000 for $25.00, not prepaid.
- 12 for 60c, 25 for $1.00, 100 for $3.50, 1000 for $25.00, not prepaid.
- 12 for 60c, 25 for $1.00, 100 for $3.50, 1000 for $25.00, not prepaid.
- 12 for 60c, 25 for $1.00, 100 for $3.50, 1000 for $25.00, not prepaid.
CURRANTS.

Currants are very hardy, easily cultivated, do well most anywhere and in any soil, and will stand more neglect than any other fruit. They ripen just before the raspberries and are very profitable for the market. One experienced fruit grower writes: 'I make more money from an acre of currants than from any other small fruit. They live well, and those ripening just before the raspberries also go to market, and command a premium.'

Each 1 lb. with postpaid.

TWOELVE HARDY, RELIABLE AND PROFITABLE CURRANTS.

Price of the following twelve Currants: Strong 2 year old, No. 1 plants, not prepaid, each 15c, 12 for $1.50, 25 for $2.75, 50 for $5.00, 100 for $8.25. 200 for $15.00.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
</tr>
</thead>
</table>
| CHERISH       | Berries very large, sometimes measuring 1 inch in diameter. A strong grower and most hardy. |}

Red Varieties.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK CHAMPION</td>
<td>Very productive, large bunch and berry, excellent quality.</td>
</tr>
<tr>
<td>BLACK NAPLES</td>
<td>Desirable sort for general cultivation. Bush vigorous and productive, extremely hardy.</td>
</tr>
<tr>
<td>LEEN'S PROLIFIC</td>
<td>An old and always popular English variety. The bushes short, robust, and unusually productive; berries are large, acid, and of good quality for cooking; one of the hardest.</td>
</tr>
</tbody>
</table>

White Varieties.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE DUTCH</td>
<td>Well known white variety of excellent quality. This should start to bear and has been under good satisfaction everywhere. Bush hardy, productive, berries medium size.</td>
</tr>
<tr>
<td>WHITE GRAPE</td>
<td>The best white currant. Bunches large and full, berries large, sweet, and plump, transprent, white, of mild, saple quality; fine for table. Bush vigorous and productive, berries large.</td>
</tr>
</tbody>
</table>

ASPARAGUS ROOTS.

A bed of asparagus in the garden properly attended to will for many years furnish an abundance of the most valuable of the edible vegetables. If the land is properly prepared in the fall, planted in the spring, and cultivated while the ground is kept clean and well manured, every fall and spring it will yield from 2 to 10 tons of roots per acre. Plants deep enough to permit the crown to be covered with a foot of soil will do best.

Price: Strong, selected 1 year old roots, 12 for 15c, 25 for 25c, 100 for $3.00. By mail postpaid, 25 for 40c, 100 for $1.25.

COLUMBIAN MAMMOTH White. All stem varieties with pure white shoots which remain white as long as fit for use.

CONOVER'S COLOSSAL. A well tested and widely grown variety. All stem varieties with pure white shoots.

EARLY GIANT ASPARAGUS. This variety deserves the attention of market gardeners and private planters, for it is a mammoth sort and the earliest variety in existence.
The Strawberry is the favorite fruit of every home and may be successfully grown in any soil that will grow strawberries. The fruit is of good size, always uniform, rich dark red in color, very firm and of delicious flavor. Berries are all of marketable size, practically no small fruits at all and green-tips are unknown in the Chesapeake. Plants are large, vigorous, rustless, with thick, upright foliage leaves are almost round. A very fine market sort, standing long distance shipping well. Exceedingly productive. Price: $25 for 60c, 100 for $1.75, 1000 for $8.50.

**CHESAPEAKE—P**—(Late). A late sort of great merit, producing good heavy crops on any land that will grow strawberries. The fruit is of good size, always uniform, rich dark red in color, very firm and of delicious flavor. Berries are all of marketable size, practically no small fruits at all and green-tips are unknown in the Chesapeake. Plants are large, vigorous, rustless, with thick, upright foliage leaves are almost round. A very fine market sort, standing long distance shipping well. Exceedingly productive. Price: $25 for 60c, 100 for $1.75, 1000 for $8.50.

**OZARK—P**—(Extra Early). Ozark is now recognized the country over as one of the best of the extra early varieties. In fact, its fruit is as finely matured, as beautiful in form and color and the berries are as large as our leading medium and late varieties. It ripens extremely early and is as early as the Excelsior and as beautiful in form and as sweet as the popular late Aroma. Added to these qualities are its great prolificness and exceedingly firm texture, making it an ideal variety for the commercial grower. Price: $25 for 60c, 100 for $1.75, 1000 for $8.50, prepaid.

**LADY CORNELLE.** The Wonderful New Strawberry.—Imp.—(Medium). This new berry has more good qualities than ever before combined in any one berry. It is destined to become one of the leading strawberries for all northern and western states. It is better than the Senator Dunlap, which is saying a great deal. Lady Cornelie is the healthiest and best growing plant and has the absolutely free from rust or leaf spot; large, strong, robust plants, with standing drought well and thriving splendidly in both light and heavy soils. Berries large, somewhat wedge-shaped, of rich, glossy red color. Quality the best of all berries, sweet and rich. Very firm, holding up much longer than the Dunlap or any other northern berry. For Lady Cornelie excels, is its great productiveness, many plants have up to 125 berries, blooms and berries. It is by all odds the best medium season strawberry for northern sections. Price: $25 for 60c, 100 for $1.75, 1000 for $9.00, prepaid.

**GANDY—P**—(Late). One of the best long-keeping and shipping varieties. The berry is of a rich, bright red color and delicious flavor. Ripes extremely late, being full of fruit when other late bearers have finished their season, and its berries always bring the top price of the season. Gives its best yields on heavy clay soils. Plant with 12" rows for best results.

**MICHEL'S EARLY—P**—(Extra Early). A well known, standard sort. Berry medium to large, roundish and bright crimson; the meat is deep pink, solid through and of good quality. A valuable variety on account of its earliness and productiveness.

**SENIOR DUNLAP—P**—(Medium). The berries are deep red, most attractive, of great uniformity in size and shape and finest quality. Splendid market sort and one of the best for home use. Has no superior as a canning berry. Heavy yielder, a great drought resist and one of the best all-around and most dependable berries. Extensively grown in the Northwest.

**WARFIELD—Imp.—(Early).** Well known everywhere for its great productiveness and sweet, beautifully-shaped, glossy, dark red berries, which rich color they keep when canned. Splendid for canning and a fine shipper.

Was more than pleased with trees received from you last year. Every one lived and is growing fine. Enclosed new order.

FRANK S. SIDLO.
Measha, Minn.
STRAWBERRIES. Continued.

Eveberowing or Fall Bearing Varieties.

PRIDE OF MINNESOTA—The New Everbearing Strawberry. The hardest and most productive of this new class of berries. The fruit is large, roundish, of perfect shape, deep red in color, glossy, attractive and smooth, and possesses that highly desired rich aromatic flavor. The plants are of good size, strong growers and winter better than any other kind we have tested. For best results plant in hills and cut the runners. Under ordinary conditions the plants will bear fruit from June until hard freezing weather. If warned for fall bearing, the first blossoms should be picked off, until within 4 or 5 weeks of the time fruit is wanted for market. In this way berries may be had in quantity from August to October in this latitude. Of great merit and highly recommended for market and home garden. The supply of plants is limited. Price: 6 for 35c, 12 for 60c, 100 for $3.25, prepaid.

PROGRESSIVE—Strong, perfect blossoms; good plant maker and fruits continuously. Extra good about bearing heavily on new runners the first summer and fall. Berry rather long shape; fine, dainty color and good quality. Its extra firmness makes it a good shipper. This variety has well been called the Dunlap of the Everbearers. It is certainly a good variety and worthy of a place in every garden. Price: 12 for 40c, 100 for $2.50, 500 for $10.00, 1000 for $17.50, prepaid.

AMERICAN—A staminated variety of merit. Plant medium size and makes runners freely, they are good drought resistors. Bears a good crop of fruit during summer and fall of first year set, with a big crop the next year at strawberry time. Also a good summer and fall fruiter the second year. Berries are medium to large, very firm, good color and flavor. This variety is very satisfactory. Price: 12 for 40c, 100 for $2.50, 500 for $10.00, 1000 for $17.50, prepaid.

SUPERB—Considered one of the best varieties; a good plant maker and yields well. The plants are strong and hardy. Berries large, glossy, deep red, nearly round, firm and of excellent flavor. Superb will produce as fine berries in the fall as any spring-ripening strawberries. As a June cropper it is hard to beat and if the season is not too dry, will yield heavily in Fall. Price: 12 for 45c, 100 for $2.75, 500 for $12.00, 1000 for $20.00, prepaid.

GOOSEBERRIES.

Gooseberries should be planted more extensively, as they are easily grown and do well on any soil. Plant in rows 6 feet apart and 4 feet apart in the rows; by trimming out all dead wood and all surplus branches and not allowing the bushes to grow too thick, the fruit will be larger and more plentiful. Our stock is all northern grown, hardy, vigorous, well rooted and free from disease, and we sell at no higher price than southern grown stock may be bought for.

NEW AND VALUABLE VARIETIES.

Price (except Carrie): Strong, selected 2 year old plants, each 25c, 12 for $2.50, 25 for $4.50, 100 for $15.00, 500 for $70.00, not prepaid. Price by mail: Strong 1 year old plants, each 20c, 3 for 55c, 12 for $2.00, postpaid.

R.S. & C. CARRIE—Considered the hardest, healthiest, and most vigorous of all the goosberries. Its branches are of the most beautiful in the market. Its fruit quality is excellent. Price: 40c, 12 for $2.50, 500 for $10.00, 1000 for $17.50, prepaid.

JOSSELY OR RED JACKET—A large, beautiful, bright red berry of most delicious flavor. A vigorous grower, clean, healthy and mildew proof. Has proven everywhere thronged hardy and enormously productive and can be highly recommended. It is considered the best red fruited gooseberry in cultivation and is grown extensively for market in all sections of the country. It is freed from mildew, both in leaf and fruit, of all large fruited gooseberries.

PEARL—A very prolific and vigorous variety, free from mildew. The fruit is large, pale green and of the best quality. This variety deserves a place in every garden on account of its healthfulness, quick growth, freedom from mildew and its great productivity. Valuable for home use and for market. The Pearl is the most prolific gooseberry known, one bush produced 360 berries.

STANDARD VARIETIES.

Price: Strong, selected 2 year old plants, each 15c, 12 for $1.50, 25 for $2.75, 100 for $10.00, 500 for $47.50, not prepaid. Price by mail: Strong 1 year old plants, each 15c, 3 for 40c, 12 for $1.50, postpaid.

DOWNING—An excellent variety for both home and market use; bush is a vigorous and upright grower, with stiff, strong canes, large, heavy foliage; very prolific and free from mildew; fruit medium sized, of pale green color and fine quality. Splendid for dessert, canning and cooking. A very profitable market sort.

HOUGHTON—The fruit is medium sized, roundish oval, pale red, sweet and tender. The plants are of spreading habit, slender, extremely productive, very hardy and reliable. We recommend this to all northern planters as one of the best and hardiest American varieties in cultivation.

CHAMPION—Bush is a vigorous grower, free from mildew and rust. The fruit ripens early, is round, smooth, greenish white, with a thin, transparent skin; quality excellent.

MOUNTAIN SEEDLING—Very hardy; fruit is of medium size, light red; the bush is a very prolific bearer, the branches often bending down on account of the enormous quantity of fruit they bear. A very valuable and rust proof variety that withstands more cold than most other sorts.

TRANSPARENT—Popular variety in the North, a strong and vigorous grower, free from mildew. Berries of large size, pale green in color and of superior quality. Ripens medium early.

FOR TREE GOOSEBERRIES

SEE NOVELTY PAGES.
ASH, AMERICAN WHITE. (Fraxinus Americana)—Valuable hardy, native trees of rapid growth, forming straight trunks, broad and oval shaped heads. Desirable for ornamental purposes and also for timber planting. A splendid tree for the Northwest, of very quick growth while young, and resists drought and severe cold. Of great value for our Prairie States, and should be planted more generally. To 4 feet, each 12c, 12 for $1.00, 100 for $6.50.—To 5 feet, each 35c, 12 for $2.00, 100 for $12.50.—To 6 feet, each 45c, 12 for $2.75, 100 for $15.00.—To 8 feet, each 45c, 12 for $4.00, 100 for $18.00.

BIRCH, EUROPEAN WHITE. (Betula Alba)—A graceful tree, with silvery bark and slender branches. Quite erect when young, but after 4 to 6 years’ growth, assumes an ele- gant drooping habit, rendering the tree very effective in landscapes. Very hardy, will grow on the poorest kind of soil, between rocks and in gravel, in fact most anywhere. To 4 feet, each 35c, 12 for $3.50.—To 6 ft., each 45c, 12 for $5.00.

BOX ELDER. Ash Leaf or Manitoba Maple. (Acer Negundo)—A durable tree, growing rapidly and producing considerable shade in a very short time; mostly used in the West and Northwest, as it withstands both drought and extreme cold. To 4 feet, each 12c, 12 for $1.25, 100 for $9.00.—To 6 feet, each 20c, 12 for $2.00, 100 for $12.50.—To 8 feet, each 35c, 12 for $2.75, 100 for $15.00.—We have a few hundred extra fine, large transplanted trees for $2.50 each, well shaped and well branched tops, each 75c, 12 for $7.50.

CATALPA, SPECIOSA. (Hardy Catalpa)—A very rapid growing and a park tree. Leaves are very large, heart-shaped; the flowers, appearing in June, in large panicles, are white, sweet scented, very conspicuous and pretty. For transplanting.

COTTONWOOD. (Populus deltoides)—Has long been a popular tree in the western states, particularly in the prairie sections. It is probably the best known and most planted of all poplars. Its greatest value lies in its extreme hardiness and rapid growth. To 3 feet, 100 for $1.25.—To 4 feet, 100 for $1.75.—To 5 feet, each 35c, 12 for $2.75, 100 for $20.00.

ELM, AMERICAN. (Ulmus)—The elm has always been the favorite shade tree in the northern states, and is the best street and park tree for general planting in this section. It is also one of the hardest trees for prairie planting and will withstand a greater extent of temperature and moisture than any other species or variety. Of very large size, with open, spreading head and graceful drooping branches. To 4 feet, each 20c, 12 for $2.00, 100 for $10.00.—To 8 feet, each 28c, 12 for $2.25, 100 for $16.00.—To 10 feet, each 45c, 12 for $4.00.

HORSE CHESTNUT. (Aesculus)—White flowering. A fine large tree of compact outline, dense dark green foliage. In June the tree bears in greatest profusion large panicles of white flowers, tinged with red. Very pretty for street or lawn. Does splendidly in this section of the Northwest. To 8 feet, each 80c, 12 for $5.25.
Ornamental & Shade Trees. Cont'd.

MOUNTAIN ASH. EUROPEAN. (Sorbus Aucuparia)—A fine ornamental tree for the lawn, forming an arbor without pruning a magnificent, fairly dense, well shaped head, which is covered from midsummer till winter with large clusters of beautiful scarlet berries, giving it a brilliant color to the landscape. The foliage is very handsome. It is one of the choicest trees for our northwestern territory, and deserves extensive planting. 4 to 5 feet, each 25c. 12 for $2.50.—$5 to 6 feet, each 35c, 12 for $3.50.—6 to 8 feet, each 50c, 12 for $5.00.

BALSAM ROSE. RUSSIAN. (Morus)—See page 103.

OAK, PIN. (Quercus Palustris)—An upright, vigorous growing variety, forming a stately, round-topped tree, with long, slightly pendulous branches. The dark green, deeply cut foliage turns to brilliant yellow and crimson shades in autumn. Transplants easiest of all oaks and is one of our very finest lawn trees, and a desirable avenue tree. 4 to 5 feet, each 50c, 12 for $5.25.—$5 to 6 feet, each 65c—6 to 8 feet, each $1.00.

OAK, SCARLET. (Quercus Coccinea)—Similar to the above variety, of pyramidal outline and especially remarkable in autumn when the foliage changes to a glowing bright red. A very beautiful lawn tree. Grows well in dry situations. 3 to 4 feet, each 25c. 4 to 5 feet, each 35c.

ORNAMENTAL CRAB APPLE. Variety Souland—A large fruiting wild crab apple. Tree is very hardy, a quick, spreading grower, with handsome foliage, flowers and fruit. Fine for ornamental planting. Fruit large, from which a rich, sweet, juicy, sour flavor, keeps all winter; desirable for cooking with other sorts. 3 to 4 feet, each 25c.—4 to 5 feet, each 50c.

OLIVE, RUSSIAN. (Elaegnus)—This makes a beautiful lawn tree, with its silvery foliage and nearly black, shining bark. The blossoms are fragrant and a fine color. Fine for street planting as well as for a specimen tree on the lawn. 3 to 4 feet, each 50c. 12 for $5.00.

POPULAR, BALSAM. Balm of Gilead. (Populus Balsamifera)—A luxuriant and rapid growing tree with large, glossy, heart-shaped foliage, and upright and symmetrical habit in habit. The buds exude an agreeable odor. The underside of the leaves is dull white. The Balm of Gilead makes a good street tree and it is probably the best of the poplars for shade. 3 to 4 feet, each 15c. 12 for $1.25. 100 for $5.00.—3 to 4 feet, each 25c. 12 for $2.50.—4 to 5 feet, each 35c. 12 for $3.50.

POPULAR, BOLLENA. (Populus Boleana)—This splendid variety was introduced from Turcixia, and is one of the most ornamental poplars. This tree is very hardy, a compact and upright grower. The foliage is a rich, glossy, green above and silvery white below, beautifully cut, almost like the Cut Leaf Maple. The bark is of a rich green color. Fine for street planting as well as for a specimen tree on the lawn. 8 to 10 feet, each 50c. 12 for $5.00.

POPULAR, CANADIAN. (Populus Canadensis)—Extremely hardy variety, resembling the Cottonwood in its habit of growth. This tree is especially adapted to severe and exposed localities and is more desirable than Cottonwood, because it does not shed cotton. Price same as Norway Poplar.

POPULAR, CAROLINENSIS. (Populus Carolinensis)—Also called Russian Poplar. One of the most rapid growing trees, with large, handsome, glossy, deep green leaves. Transplants easiest of all oaks and is one of our very finest lawn trees, and a desirable avenue tree. 4 to 5 feet, each 50c. 12 for $5.00.

POPULAR, LOHARDY. (Populus Fastigata)—Attains a height of from 100 to 120 feet. Will grow in any soil. 8 to 10 feet, each 50c. 12 for $5.00.

POPULAR, NORWAY. Sudden Saw Log. (Populus)—This is a very distinct tree in habit of growth and making a straight, upright, somewhat pyramidal head. The foliage is large, thickly borne, bright and glossy. Grows rapidly in almost every soil, and yet it possesses strength and durability which most of the poplars lack. For city planting it is superior to most of the other poplars, as it withstands the effects of dust and smoke much better. A superior tree for planting in the shelter of forest plantations. It is claimed that this tree will hold its leaves well in the presence of pollution. 6 to 8 feet, each 50c. 12 for $5.00.

POPULAR, WABSTY OR RUSSIAN. A very hardy tree of rapid growth, making a straight, upright, symmetrical head. Similar to Balsam Poplar. Leaves large, broad, rich, yellow-green and glossy. A good lawn or street tree and sure to grow. 5 to 6 feet, each 15c. 12 for $1.50. 4 to 5 feet, each 25c. 12 for $2.50. 5 to 6 feet, each 35c. 12 for $3.50.

Poplar Cuttings.—We have a surplus of cuttings, such as we plant our selves. Prices as long as supply lasts are as follows:

Norway Poplar Cuttings, 9 inches long, 6c per 100, 47.5c per 1000.

Carolina Poplar Cuttings, 40c per 100, 3.00 per 1000.

Balsam Poplar Cuttings, 50c per 100, 75c per 1000.

Postage 5c extra per 100. We do not furnish less than 100 of a kind.

American Linden. (Page 110.)
Ornamental and Shade Trees. Continued.

**WILLOWS. SALIX.**

We grow the following three hardy varieties of willows in enormous quantities; these sorts are the most valuable from an economical and ornamental viewpoint. They are easily taken care of, do well in any soil, grow up quickly into nice shaped trees or dense windbreaks.

**WILLOW, GOLDEN RUSSIAN**—A very hardy and beautiful variety, growing very rapidly and making a fine, medium sized, round topped tree, conspicuous at all seasons, but particularly in winter time on account of its yellow bark. The catkins are also yellow in color; the branches, windbreaks, as a screen tree or for variety in ornamental planting.

**WILLOW, SIBERIAN**—Similar to the above: more suitable for very exposed situations, it being the hardiest of all willows.

**WILLOW, DIAMOND**—Very hardy variety, largely planted for post timber and windbreaks. 

*Prices for Golden Russian, Siberian and Diamond Willows:

2 to 3 feet, $2.00 per 100, $16.00 per 1000.  
3 to 4 feet, $3.50 per 100, $30.00 per 1000.  
4 to 5 feet, each 15c, 12 for $1.50, 100 for $9.00.

**WILLOW, LAUREL LEAF OR BAY LEAF**—A hardy, rapid grower, with beautiful, large, dark green, glossy leaves and light green bark. Can be clipped to any desired form like a bay tree and looks almost as well. Valuable for wind-breaks, hedges and as ornamentals. Thrives equally well on high or low ground. An especially desirable variety to plant near the water. This variety and the Golden Willow are without question the most popular trees for starting a wind-break. 

2 to 3 feet, $3.00 per 100, $22.00 per 1000. 
3 to 4 feet, $5.00 per 100, $50.00 per 1000. 
4 to 5 feet, each 12c, 100 for $16.00.

**WILLOW CUTTINGS.**

We can supply good cuttings of all the following varieties: Golden Russian, Siberian and Laurel Leaf, such as we plant ourselves, cut 9 inches long, at 35c per 100, $2.75 per 1000. If ordered sent by mail, and 25c per 100 for postage. We do not sell less than 100 of one variety.

**HARDY WEEPING TREES.**

The 9 trees form objects of great beauty when planted as single specimens on lawns, in the front yard and especially when used for cemetery decorations. Valuable for covering arbor areas.

**BIRCH, CUT LEAF WEEPING**—This fine tree is not only the most popular of the weeping trees, but is also decidedly the best. Its tali, slender, yet vigorous growth, graceful drooping branches, silvery white bark, and delicately cut leaves, present a combination of attractive characteristics, rarely met with in a single tree. 

4 to 5 feet, each 60c—6 to 8 feet, each 85c—8 to 10 feet, extra fine trees, each $1.00.

**MOUNTAIN ASH, WEEPING**—A beautiful, hardy tree of rapid growth and with pendant branches twisted and twisted in all directions, in a few years forming an immense head of branches resting on the ground. Very attractive when covered with its large clusters of fragrant, feathery flowers and later with red berries. 

5 to 6 feet, each 75c.

**ELM, CAMPERDOWN WEEPING**—Its vigorous branches, which have a uniform habit, over top so regularly that a compact, roof-like head is formed. Leaves are large, glossy dark green. A strong, vigorous grower. It can be trained to form an arbor if desired. Very fine trees with strong 2 year old heads, each $1.00.

**MOUNTAIN ASH, WEEPING**—A beautiful, hardy tree of rapid growth and with pendant branches twisted and twisted in all directions, in a few years forming an immense head of branches resting on the ground. Very attractive when covered with its large clusters of fragrant, feathery flowers and later with red berries. 

5 to 6 feet, each 75c.

**HUBBRULLY, TEA’S WEEPING**—A very hardy, graceful and vigorous growing tree, which forms a perfect umbrella-shaped head with long, slender branches, drooping to the ground parallel to the stem. The foliage is a glossy green. Splendid for cemetery planting. 

Fine trees with 2 year old heads, each $1.00.

**WILLOW, GOLDEN MICE WEEPING**—Very beautiful tree of weeping habit, with long, slender, golden yellow branches. Forms a large tree of very graceful habit. Its fresh, bright tint and long, wavy branches make it very attractive. Very hardy and of quick, robust growth, adapted to a great variety of soils. Excellent for parks, lawns, cemeteries, etc. 

5 to 6 feet, each 50c.

**NUT BEARING TREES.**

**BLACK WALNUT**—The tree is of large size and majestic form, with beautiful foliage: Grows best on low ground, bears very freely. The most valuable of all trees for its timber, which brings the very highest price on the market. The tree is a fairly rapid grower. The large, oily nuts are of fine flavor and always marketable at a fair price. 

2 to 3 feet, each 20c, $2.00 per 100, $16.00 per 1000.  
3 to 4 feet, each 25c, 12 for $2.50.  
4 to 5 feet, each 35c, 12 for $3.50.—Mailng size, each 15c, 12 for $1.50, postpaid.

**BUTTERNUT OR WHITE WALNUT**—The nuts are large, long, oily and nutritious. This lofty, spreading tree is one of our finest natives, valued for its tropical appearance and beautiful wood, as well as for its nuts. Hardy everywhere. A very rapid grower and early bearer. Price same as for Black Walnut.

**AMERICAN SWEET CHESTNUT**—Handsome native tree with broad leaves and pretty flowers: produces the well known Sweet Chestnuts of commerce. Very valuable both for ornament and wood. Not hardy in the far North. 

4 to 5 feet, each 40c, 12 for $4.25.

**ENGLISH FILBERT OR HAZELNUT**—Of earliest culture, growing six to eight feet high, extremely hard, and one of the most profitable and satisfactory nuts to grow, succeeding on almost all soils, bearing early and abundantly; nuts nearly round, rich and of excellent flavor. The variety we offer produces larger and more desirable nuts than those commonly found in our native woods. 

2 to 3 feet, each 15c, 12 for $1.50.  
3 to 4 feet, each 35c, 12 for $3.50. — Mailng size, each 15c, 12 for $1.50, postpaid.

When sending your order ask for booklet on the care of trees, plants, etc. Free to our customers.
HARDY FOREST TREE SEEDLINGS.

For Descriptions See Ornamental and Shade Trees, pages 110—112.

All our Seedlings are nursery grown, hardy, healthy and stocky young plants with splendid root system. They will give the very best satisfaction everywhere, especially here in the Northwest. To successfully grow trees under the severe climatic conditions of our northern states, only hardy, acclimated, northern grown stock should be planted, as southern grown seedlings will usually prove a failure. Our seedlings are carefully grown here in our cold and changeable Minnesota climate, they are far superior to the southern grown stock we charge no higher price for them than the inferior southern grown seedlings can be bought for.

Notice: Of varieties quoted at $1.00 or less per 100, we cannot furnish smaller quantities than 100 seedlings.

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<tr>
<th>Seedling</th>
<th>Per 100</th>
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<tbody>
<tr>
<td>Ash, American White</td>
<td>$1.50</td>
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<td>Boxelder (Ash Leaf Maple)</td>
<td>$1.50</td>
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<tr>
<td>Caragana (Siberian Pea Tree)</td>
<td>$1.50</td>
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<tr>
<td>Catalpa Speciosa (Hardy Catalpa)</td>
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<td>Hackberry</td>
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<td>Hackberry</td>
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We PAY THE POSTAGE.

Linden, American | $1.00 | $10.00 |
Locust, Black | $1.00 | $10.00 |
Mulberry, Russian | $1.00 | $10.00 |
Willow, Golden Russian | $1.00 | $10.00 |
Butternut | $1.00 | $10.00 |
Walnut, Black | $1.00 | $10.00 |
Osage Orange (Hedge Plant) | $1.00 | $10.00 |

EVERGREEN SEEDLINGS.

We offer well rooted seedlings of the following varieties, which we grow in large quantities. These seedlings are nursery grown, hardy, well rooted stock and will give best results. We are the largest growers of Evergreens in the Northwest and invite our customers to call and inspect our extensive evergreen arboretum. Note our very low prices. We do not sell less than 25 of any one variety. — FOR FULL DESCRIPTION OF VARIETIES, SEE PAGE 114.

ARIZONI YLIE (White Cedar)—Very hardy. Extensively used for hedges and windbreaks. 8 to 12 inches, 25 for $1.00, 100 for $2.50, $2.75, 100 for $10.00, not prepaid.—By mail, 8 to 12 inches, 25 for $1.00, 100 for $2.50, prepaid.

JACK PINE—The hardiest of all American Pines. Rapid grower, valuable for windbreaks on poor soils and exposed locations. 8 to 12 inches, 25 for $1.00, 100 for $2.50, $2.75, 100 for $10.00, not prepaid.—By mail, 25 for $1.00, 100 for $2.50, prepaid.

SCOTCH PINE—Hardy, of quick growth. Used extensively for windbreaks. 8 to 12 inches, 25 for $1.00, 100 for $2.50, $2.75, 100 for $10.00, not prepaid.—By mail, 25 for $1.00, 100 for $2.50, prepaid.

WHITE PINE—One of the most ornamental of our native pines. Will grow on the poorest soils. 8 to 12 inches, 25 for $1.00, 100 for $2.50, $2.75, 100 for $10.00, not prepaid.—By mail, 25 for $1.00, 100 for $2.50, prepaid.

BLACK HILL SPRUCE—Very hardy, and especially valuable for hedge and windbreak planting on the western prairies. 8 to 12 inches, 25 for $1.00, 100 for $2.50, $2.75, 100 for $10.00, not prepaid.—By mail, 4 to 6 inches, 25 for $1.00, 100 for $2.50, prepaid.

COLORADO BLUE SPRUCE—Well known and generally planted everywhere. Very hardy and a splendid ornamental for the lawn and cemetery. 4 to 8 inches, 25 for $1.00, 100 for $3.00, 8 to 12 inches, 25 for $2.00, 100 for $5.00, not prepaid.—By mail, 4 to 8 inches, 25 for $1.00, 100 for $3.00, prepaid.

NORWAY SPRUCE—This is the best evergreen for hedges, extensively planted for windbreaks and shelter belts than any other evergreen. Very hardy. 6 to 8 inches, 25 for $1.00, 100 for $2.50, $2.75, 100 for $10.00, not prepaid.—By mail, 6 to 8 inches, 25 for $1.00, 100 for $2.50, prepaid.

WHITE SPRUCE—This is one of the best seedlings used for ornamental and shelter belts. 4 to 10 inches, 25 for $1.00, 100 for $2.50, $2.75, 100 for $10.00, not prepaid.—By mail, 4 to 6 inches, 25 for $1.00, 100 for $2.50, prepaid.

MOUNTAIN PINE—A low, spreading pine, valuable for planting on rocky ground or hill-sides. 6 to 8 inches, 25 for $1.00, 100 for $2.50, not prepaid.—By mail, 4 to 6 inches, 25 for $1.00, 100 for $2.50, prepaid.

BALSAW PINE—Hard and of rapid growth, useful for all purposes. 4 to 8 inches, 25 for $1.00, 100 for $2.50, not prepaid.—By mail, 4 to 8 inches, 25 for $1.00, 100 for $2.50, prepaid.

EUROPEAN LARCH—Perfectly hardy and thrives in nearly all situations. 8 to 12 inches, 25 for $1.00, 100 for $2.50, not prepaid.—By mail, 8 to 12 inches, 25 for $1.00, 100 for $2.50, prepaid.
EVERGREENS are stately and majestic trees and wonderfully effective in beautifying the home surroundings. They are the most valuable trees for windbreaks as well as for screening objectionable places and should be planted much more extensively. All Evergreens are nursery grown, have been transplanted several times, and when shipped, the roots are wrapped up in compact balls with damp moss and burlap.

**NOTICE:** On all orders for one or two trees only, 25 cents extra must be added to cover packing. No extra charges required if included in general order for nursery stock.—Prices for all Evergreens are f.o.b. Faribault, freight or express charges to be paid by the purchaser. We furnish only the best quality.

**ARBOR VITAE.** (Thuja)—Commonly known as White Cedar, grows wild in the northern part of Minnesota. Much used for telephone and telegraph poles; very popular for evergreen hedges, forming a close compact top when clipped. Stands well on good retentive land and makes a splendid windbreak on such. Will do best where land is too moist and cold for other evergreens. 8 to 12 inches, each 15c, 12 for $1.50.—12 to 18 inches, each 20c, 12 for $2.00.—18 to 24 inches, each 30c, 12 for $3.00.—2 to 3 feet, each 45c, 12 for $4.75.—3 to 4 feet, each 60c, 12 for $6.50.—4 to 5 feet, each 85c.

**ARBOR VITE, GLOBOSA.**—Globe Headed Arbor Vitae. Grows in low, thick globe forms; very desirable ornamental for specimen plants. 12 inches high, with 15 to 18 inch diameter, each 75c.

**ARBOR VITE, PYRAMIDALIS.**—Pyramidal Arbor Vitae. Grows into beautiful pyramids, foliage very distinct, resembling the cedar. A fine ornamental tree. 18 to 24 inches, each 60c.—2 to 3 feet, each 75c.—3 to 4 feet, each $1.00.

**BALSAM FIR.** (Abies Balsamea)—Forms a slender, spiral and very symmetrical pyramidal tree. It is one of the most rapid growing and is extremely hardy. Foliage very dark green, needles soft, short, of pleasant aromatic fragrance. For lawn planting, either in groups, or as a specimen, it lends itself to a variety of uses. One of the best evergreen trees for windbreaks and shelter belts. 8 to 12 inches, each 15c, 12 for $1.50, 100 for $10.00.—12 to 18 inches, each 25c, 12 for $2.75.—18 to 24 inches, each 35c, 12 for $3.75.—2 to 3 feet, each 50c, 12 for $5.00.—3 to 4 feet, each 75c.

**DOUGLAS FIR.** (Abies Douglasi)—A very handsome tree of symmetrical and pyramidal habit, with regular branches and dark red brown bark. A very popular tree for home and street plantings. A very distinct evergreen and valuable for ornamental effects. 12 to 18 inches, each 30c, 12 for $3.00.

**DWARF MOUNTAIN PINE.** (Pinus Mugho)—Also called Dwarf Swiss Pine. A low spreading pine and very useful in lawn plantings. In foliage it is a true pine with stout, dark green needles of medium length. Valuable for planting on rocky ground and hillsides. Hardy everywhere, does well on all soils. 15 to 18 inches high, with 18 to 24 inch diameter, each 75c.

**JACK PINE.** (Pinus Divaricata)—The most northerly and hardest of all American Pines. Very hardy, a rapid grower, resisting drought and even cold extremely well. Especially valuable for windbreaks on dry, loose soils or exposed locations. The needles are short and stiff, of light green color. 12 to 18 inches, each 25c, 12 for $2.75.—18 to 24 inches, each 25c, 12 for $2.75.—2 to 3 feet, each 35c, 12 for $3.75.—3 to 4 feet, each 50c, 12 for $5.25.

**PONDEROSA PINE.** (Pinus Ponderosa)—Also called Bull Pine or Yellow Pine. It forms a stout, spreading tree with branches often pendulous. A rapid grower, its branches heavy and rough coated with bark. Foliage is dark green, the needles extremely stiff and heavy. Very hardy, well suited for windbreaks and shelter belts in exposed locations. Does well almost everywhere. 12 to 18 inches, each 30c, 12 for $3.25.—2 to 3 feet, each 45c, 12 for $5.00.

**WHITE PINE.** (Pinus Strobus)—The most ornamental of all pines. A tall and very beautiful tree with regular whorls of horizontal branches, often reaching a height of 100 feet or more. A very green. Will grow in the poorest of sandy soils; a long lived tree and rapid grower. Not very well adapted for windbreaks. 12 to 18 inches, each 25c, 12 for $2.75.—18 to 24 inches, each 30c, 12 for $3.25.—2 to 3 feet, each 50c, 12 for $5.00.—3 to 4 feet, each 75c.—4 to 5 feet, each 12 for $7.25.

**BLACK HILL SPRUCE.** (Picea) Very hardy, handsome evergreen with very dark foliage; needles short. Very desirable for prairie planting and hedges, also makes a fine lawn tree. 12 to 18 inches, each 50c, 12 for $5.00.—18 to 24 inches, each 60c, 12 for $7.00.

**SCOTCH PINE.** (Pinus Sylvestris)—The Scotch Pine is one of the hardiest and most rugged of evergreens, of very rapid growth when young, and reaches its maturity in about twenty years, after which it becomes rather open in habit. It has been planted more largely for windbreaks on our prairies than any other evergreen. Does well everywhere. 12 to 18 inches, each 25c, 12 for $2.75.—18 to 24 inches, each 30c, 12 for $3.25.—2 to 3 feet, each 40c, 12 for $4.75.—3 to 4 feet, each 60c.—4 to 5 feet, each $1.00.

**HEDLAND SPRUCE.** (Tsuga Canadensis)—One of our finest native evergreens. Naturally open, free and dropping in growth, but very dense when pruned. Its dark, pure green color is retained all winter. Splendid specimen trees and makes a fine hedge. 18 to 24 inches, each 35c, 12 for $3.75.

**COLORADO BLUE SPRUCE.** (Picea Puungens)—Needles about one inch long, rather broad, rigid and sharp pointed, branches smooth and shiny; a large tree of strictly conical growth and spreading branches, color bright glaucous, sometimes varying to dark green. It is a noble and handsome tree, and now very popular with tree planters in the northern states. Very hardy and splendid for the lawn and cemetery. 12 to 18 inches, each 75c, 12 for $8.00.—2 to 4 feet, 12 for $12.50.—18 to 24 inches, 12 for $20.00.—2 to 4 feet, each $8.00.—4 to 6 feet, each 10.00.

**KOSTER’S BLUE SPRUCE.** Koster’s Genuine Silvery Blue Spruce— This is the most beautiful, highly colored evergreen in existence. Foliage rich silvery blue. This tree is very hardy and will thrive everywhere in any ordinary soil. It will always be an expensive tree, for in order to retain the rich blue color it is necessary to fertilize it every year, and it requires considerable care, labor and time to get these trees started, but after they have reached a height of 10 to 15 inches, they often grow faster than many other varieties. Average height 15 to 18 inches, each $2.25.—18 to 24 inches, each $3.00, 12 for $36.00.—2 to 5 feet, each $3.75.—2 to 3 feet, each $4.50, 12 for $54.00.—4 to 1½ feet, each $5.00.—4 to 5 feet, each 75c.

**NORWAY SPRUCE.** (Picea Excelsa)—Lofty tree of pyramidal form, foliage rich deep green. A fine ornamental tree for the lawn or yard. More extensively planted for windbreaks and shelter belts than any other evergreen. It is the fastest grower of the spruce family; making a fine large conical tree with stout and generally pendulous branches. One of the best evergreens for hedges. 8 to 12 inches, each 15c, 12 for $1.50, 100 for $12.00.—12 to 18 inches, each 20c, 12 for $2.00, 100 for $20.00.—18 to 24 inches, each 30c, 12 for $3.00, 100 for $30.00.—2 to 3 feet, each 40c, 12 for $4.75.—3 to 4 feet, each 60c, 12 for $6.50.

**WHITE SPRUCE.** (Picea Alba)—Needles are slender, one-half inch long, varying in color from light glaucous to dark green. A graceful tree of pyramidal habit and horizontal branches. It develops to its greatest perfection when growing in moist sandy soil, but will also stand a drier location than any other spruce. Much used for ornamental plantings. A row of these trees should be in all shelter belts. 12 to 18 inches, each 30c, 12 for $3.25.—18 to 24 inches, each 40c, 12 for $4.25.—2 to 3 feet, each 50c, 12 for $5.00.—3 to 4 feet, each 75c.—4 to 5 feet, each 12 for $1.25.

**CEDAR.** (Juniperus Virginiana)—The tree is of a coniferous form and quite regular, densely branched, the foliage being thick and of a rich deep green. In the fall the branches are sharply green with pretty, little blue berries. Hardy and the easiest to transplant of all evergreens. Makes a fine low shelter belt and may be trimmed into any form. 12 to 18 inches, each 20c, 12 for $2.00.—12 to 18 inches, each 30c, 12 for $3.00.—2 to 3 feet, each 45c, 12 for $4.00.—3 to 4 feet, each 60c.—4 to 5 feet, each 12 for $1.50.

**EVERGREEN SEEDINGS.**—We grow them in enormous quantities. See Page 113.
HEDGE PLANTS.

To make a perfect hedge, it is necessary to take into consideration the size and variety and also the purpose for which it is intended. Where rather dwarf, dense hedges are desired it is best to plant small plants, 12 to 18 inches high, 2 to 3 feet, 12 to 18 inches apart. While if the hedge is to serve as a screen or windbreak it is best to plant 2 to 3 or 4 foot plants.

All our Hedge Plants are transplanted stock, and well grown.

ARBOR VITAE—One of the best evergreens for screens, being hardy and easily transplanted. It grows rapidly and with little care, and soon forms a beautiful hedge, very dense, and perfectly impervious to the sight. Widely planted throughout the United States. Stol Franchs, transpl., 12 for $1.50, 25 for $2.25, 100 for $9.00—12 to 18 inches, transplanted, 12 for $2.00, 25 for $3.75, 100 for $18.00.

BARBERRY, THUNBERGII, Japanese Barberry—Well adapted for ornamental hedges; plants of dwarf, stocky growth with small, light green foliage changing to coppery red in autumn, or may colored flowers succeeded by red fruits. 8 to 12 inches, 25 for $2.00, 100 for $6.00—12 to 18 inches. 12 for $1.50, 25 for $2.75, 100 for $10.00—½ to 2 feet, 12 for $2.50, 100 for $5.00—2 to 3 feet, 12 for $3.00, 100 for $22.50.

BARBERRY, PURPLE LEAVED—Grows 4 to 5 feet high; leaves rich bronze-purple. Fine for ornamental hedges. A showy and effective plant for $6.00—12 to 18 inches, 12 for $1.50, 25 for $2.75, 100 for $10.00.

BUCKTHORN, (Rhamnus)—This is undoubtedly one of the very best and hardiest hedges for the Northwest. It stands our most severe winters without the least injury. If pruned once or twice during the growing season, it will form a solid mass of small branches. Plant 6 to 10 inches apart, 12 to 18 inches, 12 for $1.00, 100 for $6.00—18 to 24 inches, 12 for $1.25, 100 for $6.50.

BUFFALO BERRY—This shrub is used extensively for hedges in the Northwest. Perfectly hardy, thrives anywhere, and makes a thick, close hedge of ornamental appearance. 2 to 3 feet, 12 for $1.50, 25 for $2.65, 100 for $10.00.

CELPERS, Siberian Pea Tree—A shrublike tree, perfectly hardy, even in Canada, and especially adapted for an ornamental hedge. Stands sheathing well and grows very dense; never looks coarse and on account of its dense growth it may be planted anywhere. 12 to 18 inches, 2 yr., 25 for $2.00, 100 for $6.00, 1000 for $30.00—½ to 2 feet, 12 for $1.50, 25 for $2.50, 100 for $8.00.

COTONEASTER, Siberian (Ornamental Hedges)—One of the best hedge plants, introduced from Siberia. Very hardy anywhere and forms a perfect dense hedge. For winter effect it is one of the most beautiful hedges we have, as the bark of the twigs turns a rich scarlet red in autumn. 12 to 18 inches, 12 for $1.25, 25 for $2.25, 100 for $8.00—18 to 24 inches, 12 for $1.75, 25 for $3.00, 100 for $15.00.

DEUTZIA, CRENATA ROSEA—Splendid for ornamental hedges. Grows 6 to 8 feet high and succeeds most anywhere. Pretty flowers of soft rose-pink. 18 to 24 inches, 12 for $1.75, 25 for $3.00, 100 for $15.00.

DEUTZIA GRACILIS—Of dwarf growth, not over 5 feet high, with slender branches and single pure white flowers. A grand plant for a low hedge. 12 to 18 inches, 12 for $1.25, 25 for $2.25, 100 for $8.00.

HAWTHORN—The celebrated English hedge plant. Forms somewhat tall bushes with spreading branches and nice round heads. Beautiful white flowers, followed by scarlet fruits which hang on the plants a long time. 12 to 18 inches, 12 for $1.50, 100 for $5.00—18 to 24 inches, 12 for $1.75, 100 for $7.00—2 to 3 feet, 12 for $1.75, 25 for $2.75, 100 for $10.00.

HONEY-SUCKLE, TARTARIAN—Best hedge plant for small walls, or for the front of a hedge. Free and abundant flowering of fragrant red, white and pink flowers. Very hardy; will stand the most severe winter. 12 to 18 inches, 12 for $1.25, 25 for $2.25, 100 for $8.00.

OLIVE, CALIFORNIA—The best hedge plant, being hardy and closely adapted for a low hedge. Thrives very well. 12 to 18 inches, 12 for $1.25, 100 for $5.00—2 to 3 feet, 12 for $1.75, 25 for $2.75, 100 for $10.00.

PYRUS, JAPONICA. Japanese Flowering Quince—A beautiful flowering and ornamental shrub, producing an abundance of rich, scarlet flowers in early summer. This variety forms a magnificent ornamental hedge but should not be planted north of here. 12 to 18 inches, 12 for $1.50, 25 for $2.00, 100 for $6.00—18 to 24 inches, 12 for $1.50, 25 for $2.50, 100 for $8.00.
FLOWERING AND ORNAMENTAL SHRUBS

A fine Group of Spires, Barberries and other Shrubs.

In laying out new grounds or remodeling old places, nothing will so quickly beautify the home surroundings for so little money, as a few selected flowering shrubs. The larger sizes which we offer "not prepaid" are very strong field grown, transplanted plants, well branched and bushy. The mailing size plants are one year old field plants, well rooted; we are sure they will give the best satisfaction.

ALMOND, DOUBLE FLOWERING—Hardy as far as Southern Minnesota, but requires some protection or a sheltered location further north. They produce large, double flowers, resembling small roses, early in spring. Grows 4 to 5 feet high. We offer two varieties, white double and white pink. 1½ to 2 ft., 25c each, 2 to 3 ft., 5c each, not prepaid. Mail size, 15c each, prepaid.

ARTEMESIA, RUSSIAN—A vigorous, aromatic, hardy shrub similar to the plant called the "Old Man." Desirable as an ornamental or for a quick growing low border. The foliage is very ornamental. A very showy shrub of easiest culture growing well on the poorest soil. Extra large plants, 3 to 5 ft., each 20c, 12 for $1.50, not prepaid.

BARBERRY, THUNBERGII—Japanese Barberry. Invaluable little shrub that fits in with almost every planting. Will grow just about anywhere, and has handsome foliage of tiny, bright green, oval leaves, that turn the most brilliant shades of orange and red in the fall. The slender, graceful branches are lined with scarlet berries from early summer well into the winter. 1½ to 2 ft., each 20c, 12 for $2.00, 2 to 3 ft., each 30c, 12 for $3.00, not prepaid. Mail size 15c, prepaid.

BARBERRY, PURPLE—Perfectly hardy here, but requires a little protection north of St. Paul. Grows 4 to 5 feet high. The foliage is deep rich purple, forming a striking contrast with green shrubs. 2 to 3 ft., 25c each, not prepaid. Mail size 15c each, prepaid.

BUFFALO BERRY—A splendid hardy shrub that will grow easily most anywhere. Full description see page 103.

BRIDAL WREATH—The true Spirea Pruinosa. This well known and popular shrub produces an abundance of double, pure white flowers in early summer. Grows 4 to 6 feet high, very hardy. 1½ to 2 ft., 20c each, 2 to 3 ft., 30c each, not prepaid. Mail size 15c, prepaid.

CORNUS, VARIEGATA—The leaves of this variety are variegated white and yellow. A beautiful shrub to plant with green foliage shrubs for contrast. 2 to 3 ft., 25c each, not prepaid.

CORNUS, GOLDEN BELL—Beautiful hardy shrub of quick growth, with brilliant golden yellow flowers produced almost continuously early in spring; leaves and bark deep green. One of the best early flowering shrubs for the Northwest. 2 to 3 ft., each 25c, 3 for 4 ft., each 40c, not prepaid. Mail size, 15c each, prepaid.

FLOWERING Currant—(Ribes). The Flowering Currents are much prized for their wealth of bright flowers in early spring. The leaves are glossy green and turn to brilliant colors in the fall. 3 to 7 feet high; very hardy everywhere. 2 to 3 ft., each 25c, not prepaid. Mail size, 15c each, prepaid.

FRINGE, PURPLE. Smoke Tree—Quite hardy here, but it is best to protect them the first two or three winters. It is a beautiful shrub and well worth a little attention. Flowers pale purple, born in loose panicles, forming large plumes. Very showy, nothing else like it in hardy shrubs. 1½ to 2 ft., each 30c, not prepaid. Mail size, each 20c, prepaid.

CARAGANA, Siberian Pea Shrub—A large shrub with bright green feathery foliage. Flowers yellow, produced in numerous small clusters in late spring. Very hardy. 1½ to 2 ft., each 20c, 12 for $1.75, not prepaid. Mail size, 15c each, prepaid.

CORNUS, SIBERICA—The true Siberian Dogwood. Tall spreading shrub, extensively planted singly or in groups on the lawn, as well as for hedges. The bright red branches make it one of the most beautiful shrubs for winter effect. Very hardy in all localities, and easily grown. 2 to 3 ft., each 25c, 3 to 4 ft., 35c each, not prepaid. Mail size, 15c each, prepaid.

CORNUS, GAULCHALTI—A rare and beautiful, golden, variegated Dogwood with brilliant red bark. Very hardy. Should have a place in every garden. 2 to 3 ft., each 35c, 3 to 4 ft., each 50c, not prepaid. Mail size, 20c each, prepaid.

DEUTZIA, PRIDE OF ROCHESTER—Tall growing, hardy shrub well adapted to most soils. Flowers very double, pure white, in large racemes. Must be seen to be appreciated. There is nothing in the list of hardy shrubs that gives better results for planting in masses or groups on the lawn. Blooms in May. 1½ to 2 ft., each 20c, 2 to 3 ft., each 25c, not prepaid. Mail size, 15c each.

DEUTZIA, CRENATA ROSEA—Similar to the above, but flowers are of a beautiful pink color, very double, exceedingly dainty. When planted with above variety, a lovely effect is obtained. 1½ to 2 ft., each 25c, 2 to 3 ft., each 35c, not prepaid. Mail size, 15c each.

DOUBLE FLOWERING PLUM—A very hardy small tree of the Plum family, one of the finest, hardy, spring-blooming shrubs in cultivation. Early in the spring before its leaves appear the white fruit is decked in a fleecy cloud of very double, rose-like, light pink blossoms, which completely surround and cover the branches. Can be grown in bush form if desired. A very effective and beautiful shrub. 1 to 1½ inches, bush form, each 25c, 3 for 4 ft. tree form, each 50c.
Hardy Flowering Shrubs. Cont'd.

**Highbush Cranberry**—A magnificent, large shrub, with upright and spreading form. The leaves are broad, oval and bright green. The small, white flowers which appear in early summer are borne in broad, flat clusters. These are followed by very showy scarlet berries, which cling to the bush all winter, as they are not disturbed by the birds. It will thrive and grow to perfection in the coldest climates or where the extremes of heat and cold are the greatest. 1½ to 2 feet, each 15c, 12 for $2.00.—2 to 3 feet, each 35c, not prepaid.—Mail size, 15c each prepaid.

**Honeysuckle, Morrowi**—Splendid, hardy Japanese variety, growing in bush form, 4 to 5 feet high, with spreading branches. In early spring its pure white, sweetly fragrant flowers are followed by handsome bright red berries. 1½ to 2 feet, 20c each.—2 to 3 ft., 30c each.—3 to 4 ft., 40c each, not prepaid.—Mail size 15c each, prepaid.

**Honeysuckle, Tartarian.**—Pink. Well known, perfectly hardy plant, blooming in great profusion in late spring. Flowers of light pink color, fragrant. The red colored berries are very attractive. This fine shrub is of great value planted as a background for smaller shrubs. It is one of the best shrubs for northern latitudes. 1½ to 2 feet, each 15c, 10 for $1.25.—2 to 3 feet, each 25c, not prepaid.—Mail size, each 15c, prepaid.

**Hydrangea**—The best flowering shrubs for the Northwest. See page 125.

**Japan Quince**—Perfectly hardy here, but requires a little protection further north. Bright, green, glossy foliage and large, rich scarlet flowers which are very attractive; blooms in early spring. Invaluable for border or garden planting, and make beautiful informal or clipped hedges. 1½ to 2 feet, each 15c, 12 for $1.50.—2 to 3 feet, each 25c, 3 to 4 feet, each 35c, not prepaid.—Mail size, each 15c, prepaid.

**Lilac, Large Flowering Purple**—Lilacs are very popular and give satisfaction everywhere. Grows into a very high bush, with bright green, heart-shaped leaves. In May the plant is crowned with its woodsy wealth of light purple, fragrant flowers in clusters. A fine shrub for the lawn and one of the best for a fancy hedge. Hardy everywhere, and of easy culture. 1½ to 2 ft., each 15c, 10 for $1.25.—2 to 3 ft., each 25c, not prepaid.—Mail size, 15c, prepaid.

**Lilac, Grandiflora Alba**—Similar to above variety, very large, pure white, deliciously fragrant. 1½ to 2 feet, each 20c.—2 to 3 ft., each 30c, not prepaid.—Mail size, each 15c, prepaid.

**Philadelphus, Mock Orange or Syringa**—A hardy, upright growing shrub with arching branches, attaining a height of 6 to 10 feet. Flowers are large, creamy white, deliciously fragrant, and appear in greatest profusion in May and June; splendid for cut flowers. Hardy everywhere and valuable for the production of immediate effect in landscape planting. Fine for hedges. 2 to 3 ft., each 25c.—3 to 4 feet, each 40c, not prepaid.—Mail size, each 15c, prepaid.

**Philadelphus, Aura**—Golden Leaf Syringa. The prettiest golden leaved shrub for the Northwest, retaining its color all summer. It is of rather dwarf habit, grows very bushy, and makes a very showy shrub for the lawn or border. 1½ to 2 feet, each 15c.—2 to 3 ft., each 35c.—3 to 4 feet, each 50c, not prepaid.—Mail size, each 15c, prepaid.

**Snowberry, White.**—Waxberry. Very hardy everywhere; grows to 4 feet high. Flowers white or pinkish, followed by large, pure white, wax-like berries which remain on the bushes till midwinter. 1½ to 2 feet, each 25c.—2 to 3 ft., each 35c. not prepaid.—Mail size, each 15c, prepaid.
HARDY CLIMBING PLANTS.

The wonderful grace and beauty of well placed vines add greatly to the comfort and enjoyment of the home. A porch without vines is like a house without occupants. Outbuildings fenced with vines and old trees can also be made very attractive by the use of these hardy vines. We grow a line assortment of these plants for covering arbors, arches, walls, etc.

The large size plants, which we offer "not prepaid" are extra strong, transplant-ed and grown in 7-gallon cans, 3 year old.  We have sent out many of these plants, and they have proved to be strong, hardy, and free from diseases. The mailing size plants are strong, well rooted, 1 year old field plants, and should not be confused with greenhouse grown stock.

HYBRID QUINTA—One of the best and most graceful of our hardy climbers, with deep green, small, clover-like foliage and numberless clusters of violet-brown flowers, which have a pleasant cinnamon odor. Begins to bloom in early spring and continues for many weeks. Does best in sunny locations, on rich, well drained soil, where it will grow 30 to 40 feet high. Strong 2 year old plants, each 25c, not prepaid. —Mail size each 15c, prepaid.

AMPELOSIS QUINQUEFOLIA. Virginia Creeper—This is the true Woodbine or "Five Finger Ivy" with large, handsome leaves deeply cut into five lobes. Its blue berries contrast with the richness of its autumn coloring, when the leaves turn a gorgeous crimson. Excellent for arbors, trellises, climbing up trees and stumps and for planting along walls. Will thrive in almost any soil and location, perfectly hardy far north and resists drought well. Strong 2 year old plants, each 25c, not prepaid. —Mail size, each 15c, prepaid.

AMPELOSIS ENGELMANNI. (American Ivy)—A new variety of woodbine which has long been desired. It is better equipped with tendrils by which it will climb walls of stone or brick as closely as the Boston Ivy. This variety has proved itself perfectly hardy in Minnesota, and we have no doubt that it will occupy the same place in the North and West that the Boston Ivy does in the East. Will grow in almost any soil and withstand drought and heat well. Strong 2 year old plants, each 25c, not prepaid. —Mail size, each 15c, prepaid.

HADAMARD eduard andré. (Calystegia).—A very hardy and self twining vine, with rich green foliage and yellow flowers in May and June, followed by large clusters of rich orange scarlet herries, which remain on the vine till late in winter. Very ornamental and especially beautiful on corner peaks. Strong 2 year old plants, each 25c, not prepaid. —Mail size, each 15c, prepaid.

MATRIMONY VINE. (Lycium)—A well known, hardy, fast growing vine, handsome when covered with dusty red, fragrant orange flowers. It is perfectly hardy for covering screens, etc., in the shortest time. Strong 2 year old plants, each 25c, not prepaid. —Mail size, each 15c, prepaid.

TRUMPET VINE. (Bignonia).—A robust, woody vine, climbing high and twining tightly with numerous roots along its stems. Great leathery, trumpet-shaped leaves and clusters of huge flowers. Excellent on porches and pergolas, in sunny locations, in any soil. Strong 2 year old plants, each 25c, not prepaid. —Mail size, each 15c, prepaid.

Clematis. (Clematis).—One of the best and most graceful of our hardy climbers, with deep green, small, clover-like foliage and numberless clusters of violet-brown flowers, which have a pleasant cinnamon odor. Begins to bloom in early spring and continues for many weeks. Does best in sunny locations, on rich, well drained soil, where it will grow 30 to 40 feet high. Strong 2 year old plants, each 25c, not prepaid. —Mail size each 15c, prepaid.

The Clematis should be grown more commonly than they are at present, because there is no other flowering vine which can match them in the splendor of their flowers and their long lasting qualities. If given rich, deep soil and planted 3 in. beneath the surface of the soil, they will grow luxuriantly. We offer only strong 3 year old Clematis plants, as the smaller plants require considerable care and often fail to grow.

LARGE FLOWERING CLEMATIS.

JACIANNI, PURPLE—The well known large flowering purple clematis. The beautiful flowers, when fully expanded measure 4 to 6 inches in diameter, intense violet-purple with a rich velvety appearance, distinctly veined. It blooms abundantly.  

HENRY.—This is the finest of all large flowering white clematis, and should find a place in every collection. It is not only a vigorous grower, but a remarkably free and continuous bloomer.  

MADAME EDOUARD ANDRE.—Has been called the Crimson Jackmanni. The plant is a strong, vigorous grower, and very free in bloom. Flowers large, of bright crimson-red color.  

ROMONA.—Very large, deep sky-blue flowers. A desirable new sort, being a strong, rampant grower, and a perpetual bloomer. Price of above 4 varieties: Strong 3 year old plants, each 45c, not prepaid. —By mail, 55c each.

SMALL FLOWERING CLEMATIS.

COCCINEA. Scarlet Bell-Flower Clematis.—A beautiful and graceful climber, with broad green leaves and very pretty flowers of intense scarlet color. Blooms freely in June and throughout the summer. Strong 3 year old plants, 35c each, not prepaid. —By mail, each 45c, prepaid.

PANICULATIFLORA. The large flowering, sweet scented Japanese clematis. One of the most vigorous and beautiful of all clematis. In late summer it produces dense masses of medium sized, pure white flowers of the most pleasing fragrance. Will grow in almost any soil, and is entirely free from blight and insects. One of the finest hardy climbing plants that bloom, for the Northwest. Perfectly hardy in Minnesota. Strong 3 year old plants, each 35c, not prepaid. —By mail, 45c each, prepaid.

SPECIAL OFFER.—The set of above 6 Clematis, strong 3 year old plants, for $2.15, not prepaid. —By mail, $2.25, prepaid.

HONEYSUCKLE. Lonicera.

GOLDEN LEAVED. (Aurea reticulata).—A very desirable variety with beautifully motled, yellow and green foliage. Flowers creamy white, very fragrant. It is also used extensively for hanging baskets on porches and verandas.

HALL'S JAPAN,—A vigorous growing climber, almost evergreen, as it keeps its leaves till January; it is covered from July to Dec., with fragrant white flowers which are white, changing to yellow.

SCARLET TRUMPET.—The hardest variety; rapid grower, producing scarlet flowers.

WISTARIA.

Free flowering, ornamental vines, with handsome showy flowers. They are classed among our best and hardiest climbers for training on porches, arbors or trellises. We offer two varieties:

CHINESE PURPLE WISTARIA.—Bears in great profusion large, drooping clusters of purple, pea-shaped flowers, somewhat resembling a bunch of grapes in size and form. Foliage is pretty.  

WISTARIA ALBA.—A form of the above, but flowers are pure white.  

Price for either variety: Strong 3 year old plants, each 35c, not prepaid. —Mail size, 15c each.

THE BETTA GRAPE.

Most desirable of all grapes for covering arbors, porches, etc., often making a growth of 15 to 20 feet in one season. The plant is a strong, vigorous grower and will stand our severe northern winters without protection, yielding an abundance of fruit which are splendid for making wine, jelly, etc. Strong 1 year old plants, each 25c, 12 for $2.35 prepaid.

HARDY CLIMBING ROSES—Minnesota grown. See pages 123 and 124.
SELECT HARDY PERENNIAL PLANTS

These old fashioned hardy garden flowers are coming more into public favor every year; there is no class of plants which will give better or more pleasing results for the money invested than, these hardy varieties, which require very little care and attention and yet yield a rich harvest of bloom, and add considerable in value to your property.

HARDBIETY:- The varieties not marked are perfectly hardy here without any protection, but those marked (*) require some covering during winter; however, even the most hardy varieties are greatly benefited by being covered with leaves or some coarse manure, which not only serves as a protection, but enriches the soil, and this is very important if large, perfect flowers are desired.

OUR PRICES on Perennials are for strong, well-grown rooted plants, including postage; if ordered by express at purchaser's expense, extra large plants will be sent, or some extras put in to help pay charges.

NOTICE:- We cannot accept single orders for plants unless amounting to 50 cents, except with general order for nursery stock.

Price, unless otherwise noted: Each 15c, 6 for 70c, 12 for 81.25, postpaid.

ACANTHUS. The Pearl.—Flowers of the purest white; borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; blooms from June till frost; as a cut flower it is of great value. The finest of all plants for cemetery planting.

AQUILEGIA, ELATIUM (Columbine) Corulea. This handsome Columbine from the Rocky Mountains is a most striking and showy kind with blue and white flowers; 2 feet high; blooms from June to August.

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

ASTER, NOVAE ANGLIAE, New England Aster, Purple. One of the finest hardy asters, with stout, hairy stems, 3 to 5 feet high. The beautiful violet-purple flower-heads are borne in large corymbis in September and October. Very valuable on account of its late blooming season, at a time, when all other plants are done flowering.

DAISY, SHASTA.—Well known perennial with large, pure white, daisy-like flowers, with golden centers. Very free flowering, on long stems, fine for cutting. Splendid for massing and for window boxes.

DELPHINIUM (hardy Larkspur). Formosa.—The old favorite variety with grand spikes of flowers which are intense dark blue with white centers, perhaps the most brilliant blue found in flowers. The plant is of vigorous growth, 3 to 4 feet high, very free flowering. Blooms from July to October.

DELPHINIUM, Belladonna, Double.—Magnificent new variety with very beautiful, half-double and single flowers of sky-blue color. 2 feet high, blooms from May to September. 35c each.

DELPHINIUM, CHINENSIS, Blue Chinese Larkspur.—Large spikes of beautiful flowers of a lovely light blue shade. Plants grow 2 feet high, in bloom from June to August.

DELPHINIUM, Chinensis Album.—The White Chinese Larkspur. Similar to above variety, but flowers are of a beautiful clear white color. Blooms from June to August.

DELPHINIUM, Mrs. Thompson.—A new sort. Flowers clear, dark blue with white eye, very pretty and striking color combination. 3 feet high, blooms from July to August. Splendid plant for the border and for grouping among shrubs. 25c each.

DIANTHUS, BARRATUS.—See Sweet William.

DIANTHUS, Pumbarius Semperi floripes—Everblooming hardy garden pinks. Old favorites, bearing sweet, clove-scented, pink and white colored flowers in the greatest profusion from March until frost. A low growing plant, splendidly adapted for borders and solid beds; easiest culture, will thrive almost anywhere.

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

GAillardia.—Graniflora, Blanket Flower.—One of the showiest and most effective hardy plants, growing about 2 feet high and blooming from June till frost. The large flowers are of gorgeous coloring, the center being of dark red-brown, while the petals are marked with rings of brilliant crimson, orange and vermillion; excellent for cutting.

HELIOPSIS PITCHERIANA.—Everblooming Orange—A desirable perennial, beginning to flower early in the season and continuing the entire summer. The flowers are of a beautiful deep golden yellow, lovely when planted and easily grown in most any situation.

COREOPSIS. Golden Glory.—One of the most popular hardy plants. The flowers are a rich golden yellow, of graceful form and in-
Hardy Perennials, Cont’d.

Price, unless otherwise noted, each 15c, 6 for 70c, 12 for $1.25, prepaid.

**HITRISCUS.** Crimson Eye—Flowers of immense size, often measuring 21 inches in circumference. The color is of the purest white, with a large spot of deep velvety crimson in the center. Plants grow 3 to 5 feet tall, blooming for a long period.

**HOLLYHOCKS.** Among the very finest of old hardy garden plants the Hollyhock still holds a proud place. It has the largest flowers and widest range of colors among all hardy annuals. Flowers are very showy, produced in great abundance on long towering spikes. Height 6 to 8 feet. Blooming period June to August. New for 1993: the Double White—Double Bright Red—Double Pink—Double Maroon—and Double Yellow. Each 20c, 3 for 50c, prepaid.

**LYCNIS CHALCEDONICA.** Maltese Cross—A charming old-fashioned flower with the petals arranged in a form of a Maltese Cross. Stems tufted, 2 to 3 feet tall, producing compact heads of brilliant scarlet color in strong profusion the summer. Very free flowering and desirable. Each 20c, 3 for 50c, prepaid.

**LILY OF THE VALLEY.** One of the most charming spring flowering plants, universally admired for its neat, fragrant, pure white, bell-shaped flowers; like most other plants it repays amply if treated well.

**PLATYCODON.** Album. White Chinese Bell Flower—An extra good, very hardy and free flowering plant, growing 1½ to 2½ feet tall, bearing handsome, large, star-shaped blossoms of pure white color. Blooms from June till October. One of the most beautiful plants for the garden.

**PHLOX.**—A low and more compact form of the above, with stouter stems and larger flowers. The contrast of the lovely blue blossoms with the glistening leaves is exceptionally fine.

**PYRETHRUM HYBRIDUM.**—One of our best spring flowering perennials, of great value for cut flowers, beautiful feathered foliage and large, double flowers of rich color on long, wiry stems, 18 inches high. We offer the new Double White—Double Crimson—Double Pink. Each 35c. Single Flowering Hybrids, Mixed. Each 20c, 3 for 50c.

**RUDHECKIA.** “Golden Glow”—A fine hardy plant that should find a place in every garden. It will be found excellent in large beds or masses. The plant attains a height of 1½ to 2½ feet and will produce hundreds of large double flowers from June to August. Very free flowering. Each 20c, 3 for 50c.

**SCABIOSA.** Japonica—A beautiful perennial from Japan. The large lilac-blue flowers are borne on long stems from early summer until late fall. A splendid cut flower; the flowers will keep a long time. In full bloom late in fall, when most flowers have succumbed to frost. The plants grow 2 to 3½ feet high.

**SEDUM, SPECTABILIS.** Brilliant Stone Crop—One of the most showy sedums under cultivation. Grows 1½ to 2½ inches high and withstands our northern winters without injury. It is one of our finest late blooming border plants, producing broad, showy heads of rose colored flowers. The rich, glaucous leaves make the plant effective even when not in bloom.

**YUCCA.** Adam's Needle—A very fine ornamental foliage and flowering plant. Its broad, sword-like foliage, and tall, branched spires of large, fragrant, drooping, creamy-white flowers borne during June and July make it an effective plant for all positions. A fine plant for lawn or cemetery. Each 20c, 3 for 50c, prepaid.

**SWEET WILLIAM.**

Dianthus Barbatus.

These charming old-fashioned hardy plants are great favorites in every garden. Stems grow 1½ to 2½ inches high. Flowers are borne in greatest profusion in large, round-topped clusters. We offer the following varieties:

- **Scarlet Beauty**—Large flowers of intense scarlet. A bed of these produces a vivid effect.
- **White Queen**—Pure white, very large flowers, of dwarf growth. Fine for beds and edging.
- **Double White**—Very beautiful, large flower heads and glistening clean white, full flowers.
- **Double Mixed Varieties**—A very fine assortment of many colors and shades.

**PANSY PLANTS.**

We grow large quantities of these popular bedding plants and use only the very best strains of the Giantrading varieties. Our plants are strong and vigorous and have beautiful, large, velvety flowers of all shades and colors known in pansies. Dozen 40c, 6 dozen $1.25, prepaid.

**GERMAN IRIS.**

**IRIS GERMANICA.**

The Orchid Flowered Iris.—Fleur de Lis.

The German Iris is one of the most desirable everlasting flowering plants. The flowers are very large, rich and beautiful in color and of graceful orchid-like form; a well established plant produces from 90 to 150 spikes of bloom which are very fragrant and fine for cutting. The plants are perfectly hardy, thrive anywhere and bloom luxuriantly.

**FLORENTINA**—Creme-white, large flowers, sweet scented and free flowering. Blooms very early.

**MADAM CHEREAU**—Pure white, daintily edged with light blue, very beautiful. Flowers are borne on strong upright stems that grow 2½ to 3½ feet tall.

**AUREA**—Large flowers of a pleasing shade of yellow, rivaling the finest orchid.

**BLACK PRINCE**—Standards purple-lilac, falls or drooping petals rich velvety black. The darkest colored of all Irises.

**FLORENTINA BLUE**—Beautiful sky blue flowers, falls of a lighter shade.

**HONORABLE** (Sami Saadi)—Standards golden yellow, falls rich mahogany brown, a most effective combination of colors.

**MRS. DARWIN**—Clear satiny-white standards, falls white with violet veins. Very beautiful and free flowering. Two feet high; blooms late.

**QUEEN OF MAY**—Lavender pink, blended with white; distinct and pretty.

**PRICE.** Any of the above Iris, each 15c, dozen $1.50, prepaid.—The set of the above 8 kinds, one each, for $1.00, prepaid.—Mixed sorts, each 10c, dozen $1.00, prepaid.

**WINTER BLOOMING BULBS** for house culture and for early spring blooming in the garden are planted in Fall. Write for price list.
JAPANESE IRIS. Iris Kaempferi.

A splendid hardy plant of easy growth, flourishes in any good garden soil but delights in cool, moist places. Few people are aware of the great beauty of this class of Iris which commences blooming about the middle of June and continues for five to six weeks. The flowers are truly wonderful in their exquisite coloring and many of them are of great size, measuring 8 to 10 inches in diameter. A well established plant produces ten or more flower stalks two to three feet high, each stalk bearing two to four flowers.

**BANDIA-NO-NAMI**—Beautiful, large white flowers with creamy-white prominent stalks.

**HAKUNI-NISHIKI**—Waxy-white, with lavender veins, a delicate colored flower of exquisite beauty.

**ECLIPSE**—Double flowers of velvety crimson-purple color, with prominent markings in pure golden yellow. Extremely large flowers with six wide petals. Blooms late.

**GOLD BOUND**—Double pure white with a golden band in center of each petal. One of the finest and best.

**PURPLE AND GOLD**—Enormous double flowers, often 16 inches across. Color rich violet-purple with white petaloids, tipped violet, golden yellow band on center of each petal.

**SHIKAI-NAMI**—Fine large, broad flowers of a lovely blue. New variety of rare beauty.

**SHISHI-HO**—Double blue, veined white, base of petals yellow. Unique combination of colors.

**SHU-CHI-NO-HANA**—Double white, petals edged with red, base of petals yellow.

**UGI-GAWA**—Large, three petaled flowers, white, splashed with yellow, scarlet at the edges.

**USHIO-NO-KOMURI**—Very delicate blue, end of petals of darker shade.

Above varieties, each 25c, 12 for $2.50, prepaid. — Mixed varieties, each 15c, 12 for $1.50, prepaid.

BEAUTIFUL HARDY PHLOX.

One of the most hardy and finest of our perennial plants, Phlox are of easy culture, vigorous habit and produce from July until late in the autumn flowers of fine form and substance and of bright and varied colors. They succeed in any good garden soil and may be planted out in the spring or in autumn. The plants should be set about 18 inches apart.

The best effects to be had with Phlox are produced by planting masses of each color, not less than six and even as many as two dozen or more plants of one color. Phloxes are very showy either as single specimens, in small groups, or large beds on the lawn. They produce a beautiful and harmonious contrast when massed against a background of shrubbery.

**NOTICE:**—At the prices quoted we furnish strong field grown plants, not greenhouse grown stock, nor seedlings.

Six Lovely New **PHLOXES.**

**FTHEN**—Perfectly formed, large flowers of bright scarlet with crimson eye. One of the finest Phloxes in cultivation and very showy and effective in mass plantings. Each 25c, 12 for $2.50. — Postpaid 30c each.

**EXTRAVAGANCE**—The flowers of this new introduction are distinct in color from any other Phlox. Large flower heads with very large blooms of beautiful lavender-blue, with faint white stripes radiating from the center of blossom outward. 30c each, 12 for $3.00. — Postpaid 35c each.

**IRIS**—Bluish-violet, with large blue center, large flowers. Plant robust and in bloom a long time. New and rare sort. Medium tall, mid-season. Each 30c, 12 for $3.80. — Postpaid 35c each.

**LA VAGUE**—Large flower trusses with large size blooms of pure mauve-pink with bright anilined-red eye. A splendid variety and free bloomer. Each 25c, 12 for $2.50. — Postpaid 30c each.

**JEANNE D'ARC**—Of dwarf growth and blooming very early. Flowers of good size and perfect form, glistening pure white. A very fine Phlox. Each 25c, 12 for $2.50. — Postpaid 35c each.

**PECHEUR D' ISLAND**—Very large flowers of glowing salmon-red color, making a grand show when planted in groups. A fine bloomer and strong grower. Each 25c, 12 for $2.50. — Postpaid 30c each.

TWELVE OF THE BEST HARDY PHLOXES.

**BERANGER**—Ground color white, delicately suffused with pink, distinct red eye. Dwarf, blooms early.

**BRIDESMAID**—Pure white, with large crimson center. Dwarf, mid-season.

**COQUELICOT**—Large, brilliant orange-scarlet flowers; large and compact truss. A bed of these will make a wonderfully brilliant effect. Dwarf, blooms mid-season.

**FRAEULEIN VON LASSEBERG**—Extra fine variety. Im- mense panicles of purest snow-white color. Remains in bloom a long time. Tall, blooms mid-season.

**JAMES GARLAND**—Pure white with large crimson center, a beautiful and showy sort. Tall, blooms late.

**JEANNE D'ARC**—Fine white Phlox, best late flowering sort of that color. Strong grower.

**LE MAHDI**—Metallic, rich bluish-violet flowers on fine large trusses, a prolific bloomer. A very nice dark colored variety.

**LUMINEAUX**—Large flowers of bright rose, with bluish center, a lovely color. Tall, blooms late.

**RICHARD WALLACE**—Clear white with very large maroon center. Tall, mid-season.

**SIR EDWIN LANDSEER**—Bright, glowing crimson. Best red sort, free bloomer. Tall.

**SUNSET**—Large trusses of beautiful dark rose-pink flowers. Plant robust, medium high.

Price of the above named varieties of Best Hardy Phlox: Strong, field grown, vigorous roots, each 20c, 12 for $2.00, not prepaid. — By mail, 25c each, prepaid.

Phlox—Von Lassburg.

**PANTHEON**—Diffused deep salmon rose, very effective for bedding. Large flowers, a very fine variety. Tall, blooms mid-season.

**RICHARD WALLACE**—Clear white with very large maroon center. Tall, mid-season.

**SIR EDWIN LANDSEER**—Bright, glowing crimson. Best red sort, free bloomer. Tall.

**SUNSET**—Large trusses of beautiful dark rose-pink flowers. Plant robust, medium high.
The Peony is a noble flower, almost rivaling the rose in coloring and perfection of bloom, and producing during its flowering season a gorgeous effect, not surpassed by any other flower. It is perfectly hardy, requiring no protection whatever; is not troubled with insect pests or diseases of any kind, and once planted takes care of itself, increasing in size and beauty each year. No other flower is so well adapted for large showy bouquets. The Peony may be planted either singly on the lawn or in border; where the lawn is extensive, a large bed makes a grand showing. Blooms in June. The roots should be planted so that the crowns are covered with not more than two inches of soil.

**NOTICE**—Prices quoted on strong 2 year old roots do not include transportation charges. Mail size plants are prepaid.

**FIVE SUPERB NEW VARIETIES.**

**FELIX CROUSE**—Brilliant, dazzling dark red, enormous, massive, half-bordered flowers of compact and beautiful form, quite fragrant. Free mid-season bloomer, a strong and vigorous grower. The finest red Peony in cultivation. Be sure to include this in your order. Strong 2 year roots, each 60c.—Mail size, 40c each, prepaid.

**GOLDEN HARVEST**—Very large, ball-shaped flowers. Guard petals lilac rose, center creamy white. Plants of medium height, very hardy, does splendidly in the Northwest. Blooms early mid-season. Strong 2 year roots, each 60c.—Mail size, each 40c, prepaid.

**MEISANON**—Fine large flowers, purplish-red with crimson center; brilliantly effective as a single plant or in groups. Very fragrant, a very fine colored Peony. Blooms mid-season. Strong 2 year roots, each 75c.—Mail size, each 50c, prepaid.

**MIDNIGHT**—The Black Peony. Large loose flowers of brilliant deep purplish-crimson color. A strong grower with stiff flower stems. The darkest Peony in cultivation. Strong 2 year roots, each 60c.—Mail size, each 40c, prepaid.

**ROSEA SUPERBA**—Perfectly formed, compact flowers of brilliant rose-pink color, a most beautiful shade. Plants of healthy growth, with strong stems. Splendid cut flower. Strong 2 year roots, each 65c.—Mail size, each 45c, prepaid.

**THE BEST STANDARD SORTS OF PAEONIES.**

Price of the following varieties (except where otherwise mentioned): Strong 2 year roots, each 30c, 12 for $3.00, not prepaid.

**AGNES MARY KELWAY**—Large and superb flowers, deep violet-rose with a cream-white collar; decidedly fragrant. Very free flowering. Blooms mid-season. 2 year roots, each 40c.—Mail size, 30c.

**DUCHESS DE SEMOURS**—Splendid cup-shaped flower, fine brilliant pink, intermixed with sulphur-white. Very large blooms, and an excellent cut flower. Blooms early.

**ELEGANS**—Beautiful lilac-white, beaked crimson; fine full flower. Plant robust and free flowering.

**L' ESPARENC**—Large, loose, flat flower, lovely shade of bright pink. Early, very free bloomer. Fragrant. Strong grower, upright in habit. A favorite sort. 2 year roots, each 40c.—Mail size, each 30c.

**LOUIS VAN HOUTTE**—Very dark brilliant red, large and beautiful rose-like flower; fragrant. One of the best late flowering sorts. A free bloomer.

**MODESTE GUEULIN**—Very large, ball-shaped, full and compact. Superb bright rose-pink with darker center. Very free flowering and fragrant. Exceptionally strong, rigid stems. Mid-season. An extra good variety. 2 year roots, each 40c.—Mail size, each 30c.

**PRINCE IMPERIAL**—Brilliant, purplish-crimson flowers of good size. One of the finest real dark paeonies.

**PURPUREA SUPERBA**—Large, double flowers of glowing, deep purplish red color. Outside petals large, center small and compact. Plant robust and tall. Fine late bloomer.

**QUEEN VICTORIA.** (Whiteleyia) —A lovely peony. Loose globular flowers, white petals, center straw color with an occasional crimson blotch; fragrant. Strong grower and free bloomer.

**TRIOMPHE DE L'EXPOSITION DE LILLE.**—Extra large, imbricated flower; soft carnation pink, with white reflex, carmine center; very beautiful and delicate coloring. One of the best. Plant is vigorous and a free bloomer. Medium early in season.

Paeonies in Mixture.

We have a few thousand mixed Paeonies of the best and finest double kinds, of all shades and colors, including many fine varieties. This is an extra good mixture, and at the low price we ask, everyone should plant a dozen or more of these lovely Paeonies, which we offer: Mail size, each 15c, 3 for 40c, 12 for $1.40, prepaid. Strong roots, each 20c, 3 for 50c, 12 for $1.65, 100 for $12.00, not prepaid.

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I wish to thank you for prompt attention and the well-selected stock sent me. The Peonies are exceptionally fine healthy plants for the price asked; and the Dahlias were very fine and arrived in first class condition.

E. F. CROSS, Massillon, Ohio.

Last year I received from you Nursery Stock. Bulbs and Seeds and found them O. K. in every way. O. P. Danielson, Inverness, Minn.
F.S. & N. CO'S Selected Hardy Roses

Hardy Minn. Grown Roses.

Roses are justly popular with every lover of beautiful flowers, and few plants give better satisfaction, when properly treated, than Roses. To obtain the best results, roses should be planted in rich, well drained soil, and given a location where they will have sunlight and a free circulation of air. For winter protection an application of compost should be given them in late autumn, and staked into the ground the following spring. In the North the plants should be bent down and covered with earth before the ground freezes in the fall, or if too large for this, wrap them in straw and burlap. The Hybrid Perpetuals will bloom finer if cut back in the spring to about one foot from the ground.

ALL OUR ROSES ARE 2-YEAR-OLD, STRONG FIELD, GROWN PLANTS. THE VARIETIES WE OFFER ARE THE HARDEST AND MOST DESIRABLE.

VARIous NEW AND CHOICE ROSES.

**BETTY**—A beautiful new Hybrid Tea Rose of charming color and form. Color rich coppery rose, overspread with golden yellow. Its blooms are extremely large, fairly full, and of glorious form. Vigorous, erect; flowers all season and is deliciously scented. Each 50c.—Prepaid 60c.

**DEUTSCHLAND**—Extra choice Hybrid Tea Novelty Rose. The flowers are unusually large, very full, of perfect globular form and golden yellow color, with a faint touch of silver-pink, giving a most beautiful color effect. Plant is of strong, sturdy growth and a constant bloomer, producing its many flowers on long, stiff stems. A splendid rose for garden and house culture; one of the best new roses brought out in recent years. Each 60c.—Prepaid 70c.

**JONKHEER ROCK**—Hybrid Tea Rose. A novelty of distinct merit. Color is a rich carmine, changing to imperial pink. The blooms, which are produced with the greatest freedom, are carried on stiff and erect stems, and are of large size, perfect formation and highly perfumed. Growth is vigorous and free. Each 50c.—Prepaid 60c.

**THOUSAND BEAUTIES OR "TAUSENDSCHCEN"**—A sensational new Climbing Rose from Germany, producing on the same bush so many different colored flowers that it is impossible to describe the variations. Blooming profusely from the beginning of June until the last of July, the double flowers appear in large clusters. The colors run from tender rose thru the intermediate shades of bright rose and carmine, with white and yellow tints showing. There is no other rose in cultivation like it. Each 50c.—Prepaid 60c.

**HARDY DWARF POLYANTHA OR BABY ROSES.**

These are entirely distinct from the larger flowered sorts and there is a place for them in every garden, being so hardy and adapted to so many uses. Masses of 25 or more together will be found to make a very effective planting. For permanently edging walks or flower beds they have no equal, keeping up a splendid show all summer thru. The plants are very hardy and require little care.

BABY ERNA TESCHENDORFF—The beautiful new double flowering Baby Rose. Color of the flowers is the brightest red, being superior to the Crimson Baby Rambler. The flowers are produced in constant succession throughout the whole season.

BABY DOROTHY PERKINS—Similar to the lovely Dorothy Perkins climbing rose, but of dwarf growth. Flowers double, sweet-scented, of a beautiful shell-pink color.

BABY TAUSENDSCHCEN—An exact counterpart of the grand climber "Tausendschcen", except in habit of growth. The plants are sturdy and bear immense trusses of double flowers of a large size.

Above 3 Baby Roses, 2 year field plants,
each 12c, 12 for $5.50, not prepaid.—Prepaid 45c each.

**BEAUTIFUL IRONCLAD RUGOSA ROSES.**

Rugosa Roses and their hybrids seem especially suited for our northern climate, the plants being as hard as oaks, and do well most anywhere.

**HANSA**—Very large semi-double flowers of brilliant red color. Strong grower, with beautiful, wrinkled foliage.

**ROSESAIE DE L'HAY**—New and distinctly meritorious; produces an intense and exquisite perfume, because of which it is used to make the attar of roses. Flowers bright violet-red, very free bloomer.

**RUGOSA ALBA**—Similar to the Rugosa Rubra, except in color. Single pure white flowers of five petals and highly scented, followed by pretty berries.

**RUGOSA RUBRA**—(True Rugosa Type.) The popular hedge rose. Beautiful single, light red flowers through the summer, followed by vivid scarlet seed vessels in the fall. Very free flowering and hardy.

Price on above 3 Rugosa Roses, 2 year plants, each 35c, 12 for $3.50, not prepaid.—Prepaid each 45c.

Price on above 3 Baby Roses, 2 year field plants, each 12c, 12 for $5.50, not prepaid.—Prepaid 45c each.

Price of Rugosa Rubra and Alba. 2 year strong, field grown plants, each 25c, 12 for $2.50, not prepaid.—Prepaid each 35c.
HARDY ROSES. Continued.

HARDY HYBRID PERPETUAL ROSES.

These roses combine hardiness, vigor of growth and size of flower with great variety of color. They are rapid and strong, hardy growers, bearing large, globular flowers. Valuable for flower borders especially in the northern states.

Price of all varieties: Strong 2 year old field plants, 30c each, 3 for 80c, 12 for $3.00.

by mail, prepaid, same size plants, 40c each.

AMERICAN BEAUTY—Flowers very large, globular, deep brilliant pink, shaded with carmine, of delicious fragrance. Very hardy and valuable for garden and house culture.

ANNA DE DIESBACH—Bright rose, very large and showy, long pointed buds.

BARONESS KESTUTIN—Rich, dark red passing to deep velvety maroon, double and full. Very dark colored rose.

BARENESS ROTHSCILD—Light pink, very large and full and of beautiful form.

CLIO— Flesh color shaded to center with rosy-pink, a vigorous grower with fine foliage.

COLD VICTORY—Large, full flowers, pure white, tinged with pale blush.

FRAU KARL DRUSCHKI OR SNOW QUEEN—Also called White American Beauty. Very large, pure white flowers; fine long and pointed buds. Delightfully fragrant.

GOLDEN GIRL—Brilliant crimson, large and effective, very fragrant. Noted for its richness of color and fragrance. "Jack Rose!" is a great favorite with everybody.

GENERAL WASHINGTON—Bright red, shaded crimson, very large and perfectly double. The plant is of dwarf growth and blooms freely.

HARRISON'S YELLOW (Austrian Briar)—Fine double, pure golden yellow flowers. Very hardy and valuable as a bedding plant, for cutting and for pot plants. They will bloom freely from June until severe frost. Have those much desired, long-pointed buds and are borne on strong stems which make them valuable for cut flowers.

HARVARD'S CHOICE—Carmine, double flowers, large and handsome, of extra quality. By mail prepaid, 40c each.

HARDY EVERBLOOMING HYBRID TEA ROSES.

These roses are so highly valued because of their fine colors and exquisite tea fragrance. They will bloom freely from June until severe frost. All have those much desired, long-pointed buds and are borne on strong stems which make them valuable for cut flowers.

Price of the following Hybrid Tea Roses, 2 year field plants:

Each 3c, 12 for $1.50, not prepaid. By mail 45c each, prepaid.

JONKHEER'S WOCK—See under "New and Choice" Roses.

KAISERIN AUGUSTA VICTORIA—One of the best white roses, either for bedding or for cut flowers. A tinge of lemon in the center adds to its beauty.

KILLARNEY—A strong, robust grower and a free, continuous bloomer. This color is brilliant sparkling pink; the flowers are extra large, with full, in pink, thick petals and delightful fragrance.

MAD. ABEL CHATEUAY—One of the very best roses of its color—rosy carmine, with darker shade. Very large, with full and double. A very hardy rose.

HARDY FREE FLOWERING CLIMBING ROSES.

These roses will add greatly to the beauty of your home and can be put to numerous uses. As a border, on verandas, on pergolas, on walls, pillars, etc., they are unequalled, calling forth more admiration than anything else that can be similarly used. They are very hardy.

Price, 2 year field plants, each 3c, 12 for $3.00, not prepaid. By mail prepaid, 40c each.

BOSTON BLUE—Very double flowers in fine clusters. Beautiful soft blue, turning pure white when fully open. Very hardy as a climbing rose.

PRAIRIE QUEEN—Color bright pink, sometimes with a white stripe. Large, compact and globular; very full and double.

THOUSAND BEAUTIES or Tausendschon—See under "New" Roses.

HARDY RAMBLER ROSES. (CLIMBERS.)

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

Price, 2 year field plants, each 3c, 12 for $3.00, not prepaid. By mail prepaid, 40c each.

NEW EVERBLOOMING CRIMSON RAMBLER—See under "New" Roses.

NEW BLUE RAMBLER—See under "New and Choice" Roses.

CRIMSON RAMBLER—Bright crimson, semi-double flowers, very fragrant.

YELLOW RAMBLER—Lovely flowers of bright yellow color, very fine.

DOROTHY PERKINS—Double, sweet-scented flowers of a shell pink color.

TREE ROSES.—These Tree Roses are grafted on extra hardy stems 4 to 6 feet high, and thus form tree shapes. When in full bloom the little trees are exquisitely handsome, and they make lovely specimen plants for the lawn or border. A row of Tree Roses along the sidewalk leading to the house or along the driveway will make an object of great beauty. We can supply Hardy Perpetual Tree Roses in the following colors: WHITE—SCARLET—PINK. Price 85c each, not prepaid.

When tree roses are ordered separately, without general nursery stock order, add 25 cents extra for packing.
NEW CURRANT—Holland Tree.

A new large fruited, hardy currant growing in tree form, with well branched crown. The little trees are the most prolific bearers we have ever seen, each branch being well loaded with long clusters of large berries, which are of bright red color and superior in flavor. The plant is of quick and robust growth, bearing early and plentifully every year. Fruit is long-stemmed, allowing easy picking. Splendid trees, $2.00 each, 10c each, prepaid.

NEW THORNLESS BLACKBERRY.

The remarkable Thornless Blackberry is a Luther Burbank introduction and is something entirely new. Any one who has ever picked a blackberry has doubly wished that the sharp, annoying thorns were absent. Aside from the pain and frequent serious results caused by the sharp thorns which invariably grew upon all blackberry vines herefore known, the thorns offer a very serious impediment to the commercial grower. It is very obvious that if the thorns were absent many more quarts of berries could be gathered each day by the berry-pickers. Realizing the great advantages which would accrue if an absolutely thornless blackberry were produced, Luther Burbank for many years has devoted a very considerable amount of his time to the production of such a berry. It proved one of the most difficult tasks which ever confronted him, but he succeeded.

For the first time in the history of mankind, a practical, commercial, absolutely thornless blackberry is announced. The new Thornless Blackberry, which is now ready for distribution, in addition to being absolutely thornless, is a very unusual producer. The berries are borne in great profusion in immense clusters and are slightly oblong in shape. It is an early bearer, the fruit being of good quality, plump, firm and quite uniform in size. It is also a very good shipper. The plants are extremely hardy and thrifty growers and are entirely thornless. Price for strong transplants: Each 40c, 12 for $2.75, prepaid.

NOVELTIES & SPECIALTIES.

HARDY HYDRANGEAS.

THE BEST FLOWERING SHRUBS FOR THE NORTHWEST.

HYDRANGEA, PANICULATA GRANDIFLORA—Large Flowered Hydrangea—(See illustration on page 16.)—The flowers, which are borne in great pyramidal panicles, a foot long, during August and September, at a time when few shrubs are in flower, are white when they first open, gradually changing to rose color, and remain in good condition for weeks. They dry like everlasting flowers and can be kept indoors all winter. The plants are hardy as the oak, grow 4 to 6 feet high and bloom the same season they are planted. Unsurpassed for specimen plants or groups on the lawn, in parks or cemetery. Strong bushy plants, 1½ to 2 feet, 25c each, 2 to 3 feet, each 35c,—to 4 feet, extra fine, each 50c, not prepaid.—Mail size, each 15c, prepaid.

HYDRANGEA ARBORESCENS—Everblooming or Snowball Hydrangea—The magnificent Hydrangea for the American garden, coming into bloom just after the passing of all the early spring shrubs and continues in bloom from June thru August. The form of the flower is more like that of the Snowball than that of the Hydrangea, hence the name; the blooms are of the very largest size and pure snow white color. Thrives well in the North. 12 to 18 inches, each 25c.—1½ to 2 feet, each 35c.—2 to 3 feet, each 50c, not prepaid.—Mail size, each 15c, prepaid.

TREE-HYDRANGEA.—The above described large flowered variety. These fine trees are 4 to 5 feet high with good stems and splendid crowns. They are very effective for the lawn or park; or planted along the sidewalk or driveway about ten feet apart, they make a most beautiful sight when in full bloom. Perfectly hardy. Plant one or more of these beautiful trees and you can show your friends something extra nice and not commonly seen. Each 75c, 3 for $2.00, 12 for $7.00, not prep'd.

HYDRANGEA, HYDRANGEA—(See illustration on page 15.)—(Also see Plate XII.)—The beautiful Hydrangeas in Tree Form. A splendid ornamental for the lawn.

New Everblooming BUTTERFLY BUSH.

Buddleia Magnifica.

One of the most desirable summer flowering shrubs, beginning to bloom in July, continues until cut by severe frost. The flowers are of a pleasing shade of deep violet rose, and are borne in dense cylindrical spikes, which, under liberal cultivation, are from 10 to 12 inches in length, in diameter. It succeeds everywhere and flowers freely the first season planted, and is always admired. The foliage and blooms are exceedingly fine, making splendid cut flowers. The name "Butterfly Bush" was applied to this plant because it attracts hundreds of butterflies. It thrives in any soil. A very desirable perennial for the hardy border or as a specimen plant in the lawn and garden. Very hardy, will thrive anywhere and bloom all summer. Of such easy culture and so free flowering and beautiful, that everyone will be delighted with it. One year plants, each 25c; strong 2 year field plants, 40c each, prepaid.

New Everblooming Butterfly Bush.
NOVELTIES AND SPECIALTIES. Continued.
FRUITS OF SPECIAL MERIT FOR THE NORTHWESTERN PLANTER.

TREE GOOSEBERRY.
These Gooseberries in standard or tree form are budded on very hardy stems, about 4 to 5 feet high, of the Ribes family, to which the currant and gooseberry belong, but of which variety are hardy for fruit will do well anywhere where the gooseberry and currant grow. You will find the berries on these trees much larger and sweeter, and so much easier to pick, than if raised in bush form. Besides, the larger trees are very ornamental on the lawn, along walks or in the garden. The trees we offer are all budded on the very best varieties, have strong bodies with two-year tops. They are easily transplanted and bear the next year. Well adapted for our Northwestern states and perfectly hardy. Price: Each 90c, 12 for $10.00, not prepaid.

TREE CURRANT.
The trees we offer are of the best improved varieties and the largest fruited kinds. A Tree Currant makes an attractive lawn tree and a row of them in the garden is well worth having. Our description of the Tree Gooseberry also applies to the Tree Currant. Price: Each 90c, 12 for $10.00, not prepaid.

EVERBEARING RASPBERRY.

THE "IDAHO"—The Idaho is one of the hardiest of all red raspberries, and we consider it the best of the Everbearing varieties suitable for culture in the Northwest. The plant is a strong grower, making stocky, upright canes. The fruit is very large, some berries attaining over one inch in diameter, of a deep rich color, very attractive. It is very fine flavored. The plants are enormously productive, fruiting thru the longest season of any red raspberries. For home use and near markets no better raspberry could be found. Price: Each 15c, 12 for $1.50, 100 for $5.50, not prepaid. Each 20c, 12 for $1.85, prepaid.

HARDY BLUE PLUM.

KING OF THE NORTH—This variety we found to be the hardest of all European plums, withstanding our severe winters here in Minnesota. The fruit is of large size, nearly round, dark purple-blue, very showy; flesh is firm, juicy and sweet, fine quality, excellent for canning and market, a good shipper and keeper. Tree quite hardy and productive. Ripes in September. Not recommended for planting in the far North, where only the hardy native plums are a success. We can offer only a limited supply, please order early. Price: 4 to 5 ft., each 75c, 3 for $2.00, not prepaid.

FOUR NEW HARDY PLUMS.

Introduced by Prof. Hansen of the S. Dak. Experiment Station.

HANSKA—The tree is very hardy and of extraordinary, rapid growth, three year old trees often attaining a height of 12 feet. The fruit is large and has been much admired for its beautiful color, which is bright red with a heavy blue bloom, flesh yellow, very firm, fine quality and rich fragrance. When cooked the splendid strong apricot flavor is brought out to perfection, entirely unlike any other native plum. One of the finest and best varieties for the Northwest.

OPATA—Tree very vigorous growth, forming fruit buds freely on one year old shoots in nursery; foliage large and glossy, Fruit medium size, dark purplish-red with blue bloom; flesh green, firm, very pleasant and sweet; excellent for table and culinary use. Very hardy, an early and abundant bearer. Season extremely early.

SAPA—Tree extra hardy, an extremely early bearer. Fruit medium, glossy dark purplish-red; flesh rich purplish-red, fine flavor. This variety took first prize as a seedling plum at the Minnesota State Fair. Sapas Plums raised at Brookings, S. Dak. weigh 1/4 inch in diameter, weight ¾ ounces. Size of one year old trees set the preceding year and bearing a heavy crop.

CHEROSESA—Extremely hardy. Fruit oblong, rather small, glossy bluish when ripe. Flesh yellowish-green, sprightly acid, of pleasant taste; skin thin. Excellent for canning, preserving or for jelly. Tree blooms late and is a sure cropper. Season late.

Price for the above New Hardy Plums, strong, healthy, northern grown trees: 3 to 4 feet, each 45c, 12 for $5.00. 4 to 5 feet, each 60c, 12 for $6.50 not prepaid.

Opata and Sapas we have a limited stock of splendiferous trees, 5 to 6 feet, at 75c each, 12 for $.95, not prepaid. 7 to 8 feet, each $.85, 12 for $9.00, not prepaid. We will send one tree of each of above plums for $2.20, not prepaid.
FARMER & NURSERY CO., FARIBAULT, MINNESOTA.

Our "Sure Crop" Vegetable Seed Collection.

BEANS—F. S. & N. Co.'s Webber Butter Wax—A new variety which is grown extensively by the market gardeners around Chicago and in that market always secures top price. The vine is strong, holding the large pods well up. The pods are flat, rich bright yellow color, very fleshy, tender and stringless. Ripes quite early and is unusually prolific. Does well in all sections and is extremely resistant to unfavorable weather conditions. A splendid bean for market and home garden. Packet 10c, 1/2 pint 25c, quart 75c, prepaid. — Quart 60c, 1/2 bushel $1.00, pick $1.75, not prepaid.

BEET—F. S. & N. Co.'s Black Queen—One of the very finest beets for home use and market. A distinct, new early variety of pear-shaped form, and medium size, with a very smooth surface. The flesh is very fine grained, crisp, tender and sweet, and never wood or mealy; its color is crimson, its crumble; it is the finest and best beet. We supply this beet for its excellent quality. Packet 5c, ounce 15c, 1/4 pound 40c, pound $1.25, prepaid.

LETTUCE—F. S. & N. Co.'s First Crop—head of finely curled leaves which are tender and sweet, possessing in an extraordinary degree that delicious, nutty flavor so much desired in a lettuce. Suited for forcing and garden culture, for market as well as for home use. Packet 10c, oz. 20c, 1/4 lb. 50c, lb. $1.50, prepaid.

RADISH—F. S. & N. Co.'s New Saxa—The "Saxa" is sure to fulfill the highest claims that can be made on a first-class radish. The color is a dazzling fiery scarlet, the form purely globular, the head exceedingly fine and with quite small leaves, and the root is the thinnest possible. For the market gardener it is the most lucrative radish, for it supersedes in forcing qualities the Non Plus Ultra, the bulb beginning to develop when the first pair of leaves scarcely raises itself above the seed-lobes. In less than three weeks from the day of sowing the "Saxa Radish" is ready for the table, the flesh being firm, crisp and juicy and remaining so for a long time. For open ground culture it is equally to be recommended. Packet 10c, oz. 20c, 1/4 lb. 50c, lb. $1.50, prepaid.

TOMATO—F. S. & N. Co.'s Giant Dwarf Tree—The largest fruit-ripening variety of the popular dwarf tree tomatoes. This new sort produces large fruits of the Ponderosa type on erect, upright growing plants of tree shape. The crimson red fruits are unusually large, and best of all, solid and meaty, with extremely few seeds, and of a flavor unequalled by any other dwarf tomato. The plant is a marvel of productiveness and ripens its fruits medium early. Packet 15c, 1/2 oz. 35c, oz. 60c, 1/4 lb. $2.00, prepaid.

Our Special Offer:—One packet of each of the above splendid "Sure Crop" Vegetable Seeds for only 25c, prepaid.
For full description and Prices see page 128.

The New Minnesota Favorite Raspberry
Extremely hardy - Enormously productive - Almost thornless.
1916 Sure-Crop Vegetable Collection

Beet, F. S. & N. Co's. New Black-red Queen, pkt. $0.05
Beans, F. S. & N. Co's. Webber Butter Wax, pkt. .10
Lettuce, F. S. & N. Co's. First Crop......... pkt. .10
Radish, F. S. & N. Co's. New Saxa......... pkt. .10
Tomato, F. S. & N. Co's. Giant Dwarf Tree, pkt. .15
Total..................................... $0.50

Five Splendid Varieties. This entire collection of fine selected Vegetable Seeds, postpaid, for only... 25c
For full description, see page 128