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For descriptions and prices of the above please see second cover page.

Farmer Seed Co.
Farmers and Seed Growers.
Faribault, Minn.

Spring 1908
The most perfect shaped Canning variety ever produced. Large sized, globe shaped, full at stem end, bright red, a strong grower and big crapper.

This is another one of those magnificent globe shaped tomatoes—the new type that is fast supereeding the old flat and wrinkle varieties. All markets requiring a bright red sort will be pleased with the Livingston's New Coreless. In shape it is almost round, being of about the same diameter each way, as shown in our colored illustration on the front cover. The depression at the stem end has almost been eliminated, making it a rather uniform height. The size of fruits will be produced at six to eight inches along the stem. All of the fruits are of marketable size, and many of them are quite large, weighing from two to fifteen ounces. A grand good sizing variety, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh. The flavor is of the best quality, and the appearance in every way is most pleasing. Every Canner, Market Gardener or lover of good tomatoes certainly cannot miss it in trying liberally a variety strongly endorsed by the Livingston's. Over 500,000 packets only. Packet 25c. 3 Packets 50c.

**FARMER SEED CO.'S SUNRISE YELLOW DENT CORN.**

Of all the many varieties of Dent Corn which have been introduced so far our Sunrise Yellow Dent has proven to be the most valuable for the home and market. The size and shape are unique, the ears being a little larger than the Jersey Whitekorn, and is especially recommended for Fall, Winter and Summer markets. This is not so good for Spring planting in the warmest climates. We have a fine grade of corn, with heads much larger than those of the early Drumhead varieties, often measuring a foot in diameter and weighing from 20 to 30 pounds. They are uniform in size and shape, and very uniform in the outer leaves. The quality is very fine, both for cooking and Kraut. On account of its compact growth plants can be more easily handled and transplanted, or planted in small rows, and kept first class. We have heard of market gardeners marketing their last cobs as late as the middle of May, when they were still in fine condition. We have thoroughly tested the polys the past two years and are positive that it will prove all and more than we claim for it.

**THE VOLGA CABBAGE.**

A grand new variety, introduced a few years ago from Russia, and reaped by all who have tested it as one of the coming cabbages. It is one of the very earliest large flat headed varieties, maturing about ten days later than the Jersey Wakefield, and is especially recommended for Fall, Winter and Spring market. Not so good for Spring planting in the warmest climates. We have a fine grade of cabbage, with heads much larger than those of the early Drumhead varieties, often measuring a foot in diameter and weighing from 20 to 30 pounds. They are uniform in size and shape, and very uniform in the outer leaves. The quality is very fine, both for cooking and Kraut. On account of its compact growth plants can be more easily handled and transplanted, or planted in small rows, and kept first class. We have heard of market gardeners marketing their last cobs as late as the middle of May, when they were still in fine condition. We have thoroughly tested the polys the past two years and are positive that it will prove all and more than we claim for it.

**Golden Carmine Horticultural Pole Bean.**

This new pole bean is strikingly handsome, especially as the golden yellow pods mature and take on splashes of brilliant carmine red. It is also early, very productive, of excellent quality, and as a ware podded snap, tender, brittle, stringless and fine flavored. Like other Horticultural Pole Beans, it thrives best in the cooler sections of the country, either green or dry. Vinny, similar to Mammouth Podded Horticultural, leaf a little larger and foliage a bright yellowish green. The pods are six to eight inches long, straw colored, very beautiful.

**ROSY GEM RADISH.**

A very beautiful Radish, and one of the earliest varieties, very popular with market gardeners for forcing as well as outdoor planting; also very desirable for the home garden. Perfectly globular, rich green, and as hardy as the best of them. The leaves are long and narrow, and the radishes grow quite large. The radish can be planted from the seed short leaved, can be planted very close and is exceedingly tender, crisp, and most delicious. A stately plant for a very fine variety. We offer this very fine strain, which is grown from transplanted roots and cannot fail to give satisfaction.

Packet 5c., Oz. 10c., 1/2 lb. 35c., Lb. 75c., Postpaid.

**FARIBAULT RED GLOBE WETHERSFIELD ONION.**

This finest strain of all Red Globe Onions, producing bulbs of a beautifully dark red color and perfect globe shape which are of the best keeping quality. See further description on page 60.

**A FEW SUGGESTIONS ABOUT ORDERING.**

**CAUTION.** Please be careful that you do not direct your correspondence to the Faribault Seed Co., or to the Farmer Seed Co., Faribault, Minn., otherwise we may not get a correct answer nor for the amount sent.

The full address should be plainly written on every order sheet as well as on every letter sent to us, and no matter how often you have written it.

**TERMS.**—With every order you send us please inclose the amount of money received, and if the order is for a small quantity send it by money order, bank draft, express money order, or in a registered letter.

**DO NOT SEND PERSONAL CHECKS.**

As orders are held until the bank here reports them paid, besides it costs 10 to 25 cents to collect them. This all causes needless trouble, delay and expense to filling orders. Please do not send postage stamps, as letters will often get damp, causing the stamps to stick together, resulting in the destruction of the stamps and the order. Should it be necessary, however, do not send in amounts over $1.00, we prefer the two-cent stamps. Be careful not to moisten them.

**PLEASE ORDER EARLY.** It is an advantage to you to order early, as you will then have ample time in which to receive your seeds before being ready to plant, and you will complete the planting of your Seeds promptly.

**WE NOTIFY** our customers of the receipt of the order or of the shipment of the Seeds ordered. Orders sent by freight are notified by postal card shipment, but if the amount of the order exceeds $8.00 we send the shipping ticket. As potatoes cannot be sent during the extremely cold weather, these orders are acknowledged and shipped as soon as the weather moderates. We notify you of the shipping as soon as possible.

**QUALITY OF SHIPMENT** is our motto. We have the facilities, and our experience and improved method of packing and shipping give us the advantage of sending orders faster than any one else can.

**ABOUT SHIPPING.**—We send all heavy or bulky seeds, like Grass Seeds, Winter Wheat, mouse smut resistant, and other similar seeds, by mail that the postage on the different items is included, otherwise the seeds are packed in paper boxes. The postage on glass bottles is quoted without postage please add per box, and 5c. per quart to the given prices. Smaller quantities of farm Seeds can also be sent by mail. The prices are exclusive of postage. Should the purchase be over $1.00 we will pay the postage. We will send a copy of our list for Garden Seeds can also be sent to need advantage by freight, as we pack them securely. If customers will leave the way of how TO SHIP SEEDS in your order, we shall pack in the best 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.

**PREPAID RAILROAD STATIONS.**—Many of our farmer customers live at Prepaid Railroad Stations, where there are no agents. In such cases we send our usual freight rates, and many of our customers pay freight charges on heavy shipments.

**MARKET GARDENERS and others who buy Vegetable Seeds in bulk to the amount of $5.00 or more, are requested to send for our Mark- et Gardener's Price List.**

**DISCOUNT.** On all orders for 50 cents worth of Seeds in packets we allow our patrons to select 10 cents worth of Seeds in packets extra, and in all larger orders for Seeds, also in packets, 25 cents worth of Seeds in packets may be chosen extra. For 50 c. you therefore receive 55 c. of Seeds, and for $1.00, $1.25 worth. This special offer refers to Seeds in packets only, Seeds put up in ounces, quarter-pounds and larger quantities are excluded from this offer, also our Vegetable Seeds in bulk altogether are also entitled to these prices.

**PACKING and BOXING CHARGED ON TREES.**—On account of the large expense in packing trees carefully 25 cents should be added to all orders for trees, with the exception of the following: one twelve trees, from 2 to 4 feet high; on an order for 50 to 100 trees add $1.25, and on 500 trees $6.00 should be sent in addition to the amount of the order. The same rate for packing also applies on Evergreens ranging from 1¼ to 4 feet in height.

**PLANTS.**—We cannot afford to fill plant orders for smaller amounts than 50c., unless an additional 10c. is sent extra for packing.
To our many Friends and Patrons:

I n handling you this, our annual catalog, we wish to thank our many friends for their kind patronage and for the confidence placed in us in the past. We have not only managed to hold this well-merited confidence, but the number of our customers has so increased from year to year that our facilities for handling the many orders that we receive during our busy spring seasons, proved to be entirely inadequate to handle such an enormous business. We have therefore, in order to keep pace with the times, rebuilt and remodeled our warehouses throughout, and also put up a large addition to the same, so that we have now undoubtedly one of the largest and most modern Seed-houses here in the Northwest, equipped with the most up-to-date cleaning machinery, drying kilns, corn shellers, graders, etc. The size of our main building is 60x160 feet, two, three and four stories high and a basement. The wing part of this building is 60x200 feet, two and one-half stories high and a basement. These buildings are heated throughout by steam, with the exception of the large drying kilns, for which hot air blast is used. A driveway leads right thru the building, so that all loading and unloading is done under shelter, which is a great convenience in cold, stormy, rainy weather.

One of our Farms, formerly owned by Gen. Shields of Mexican War fame.

We are not only in the best position to fill all orders intrusted to us more promptly than ever before, but also more satisfactorily, for we have not only kept up the high standard of our Seeds, but have considerably improved them by the most scientific breeding methods. Unlike our competitors in the larger cities, who they may claim to be "the largest Seed growers in the Northwest," but neither own a farm nor are they familiar enough with agriculture to carry on seed growing, we are practical farmers and gardeners ourselves, having located here at Faribault, Minn., 14 years ago, in the richest and best farming section of the U.S. Investing most of our capital in farms to carry on seed growing from a scientific standpoint, We now own and operate three of the best good-sized farms here in Rice County, of which every acre is worth at least $100, and which are located partly in the city limits of Faribault, and within 10 to 20 minutes walk from our offices. On these farms we grow our new and improved varieties of Seed Grain, Seed Corn and Seed Potatoes, as well as a great many of the most important Vegetable Seeds, from the most carefully selected and pedigreed Seedstock. We can therefore absolutely satisfy the most critical with the high quality of our Seeds.

Awaiting your valued orders, and assuring the same our most careful attention, we are,

Yours very truly,

FARMER SEED CO.

Wm. Kueker, Mgr.

View of one of our Farms where our pedigreed varieties of Farm and Garden Seeds are produced. A field of Small Fruit Plants and Shrubs shows in the foreground. Regular Nursery Stock is grown on Farm No. 3.

This Farm is located within the City Limits of Faribault.
GRASS AND CLOVER SEEDS.

TERMS used for the different grades of Seeds that we offer.

Clover and Grass Seeds of the highest quality obtainable have always been our most important line. We have always been in the lead amongst all the different seed dealers in this respect. Seeds of the best vitality and free from obnoxious foul seeds we shall offer after this under our "Farmer Brand" label, as illustrated above, which we have also adopted as our trade mark.

"FARMER BRAND"—To protect our customers, as well as ourselves, we shall offer our "Farmer Brand" Seeds, the highest quality of seeds obtainable, only in sealed sacks in ordinary, light, or heavy grades. In every grade, a never-failing supply. No broken quantities will be furnished, nor will we guarantee any seed as genuine after the leaden seal has once been broken. With our "Farmer Brand" Seeds sacks will be furnished free of charge.

"FINELY GRADED"—These are seeds from obnoxious foul seeds and of high vitality, but not as good and perfect in every respect as our "Farmer Brand".

"CHOICE"—Healthy and fairly clean seed, of good vitality and color, but not as plump and free from injurious elements as our "Farmer Brand". This grade of seed is best suited for the smaller farms where perfect cleanliness is not so much required.

"PRIZE"—A fairly good commercial grade with a small percentage of shrunk seed and Pigeon Grass, which is, however, not obnoxious foul seed.

The above grades are generally the best and only quality offered by jobbers and dealers in the large cities.

Unexcelled in Purity, Vitality and Productiveness.

In looking back we cannot fail to comprehend that a most wonderful progress has been made in agriculture during the last 25 years. thru a systematic way of farming, and by the introduction of the best breeds of live stock, the farm is made to produce nearly as much as it ever did. In the farm yard, however, be still more increased if more attention were given to the selection of the proper varieties of Grass and Clover Seeds for establishing good pastures and meadows. A great many of the older varieties of grass seeds possessing superior merits, which were cultivated years and years ago by our ancestors in the old country, are not even known yet to so many otherwise practical and wide awake farmers and dairymen. The kinds of after the Northern, Central, and Southern States, for the various soils, and without regard to location and purpose, are Timothy, Clover, Blue Grass and Red Clover. Of special value are the various kinds of Tif and C. varieties of clover and meadow grasses, and for the various purposes. We have for years devoted a large part of our catalog to the description of the various kinds of Grasses and Clovers, and have also carried on extensive experiments to determine the characteristics of different kinds of soil and the various purposes.

Having studied grasses and grass seeds from actual experience, we are in a position to know something of the nature of the different kinds of grasses. On this, and in the following pages, we have given a full description of the most important Pasture and Meadow Grases. Everybody can select from there, according to the requirements, varieties as are best adapted for his soil and purpose. We have also put up Clover-Graas Mixtures for permanent pastures and meadows, well considering the growth, maturity and adaptability of the various grasses to the different kinds of soil and for various purposes, thus enabling our customers to make the right selection of the proper seeds for their pastures and meadows, and to make the most of their particular soil and purpose. The utmost attention that we exercise in selecting and putting up the various Mixtures accounts for the great success our customers have had with them, as the many letters received from them, of which we have a few printed on the different pages, will prove.

1. BROMUS INERMIS

Austrian Bluegrass

Hungarian Bluegrass—Grass without Brome Grass

Of all the grasses ever introduced none have proven to be of more great importance than Brome Inermis. The experiments stations of Colorado, Minnesota, Montana, and the different grass stations of the Farming Department, Washington, D.C., have conducted extensive experiments, and all speak of it in the highest terms. It is a native of Europe and Asia, ranging from France eastward into Siberia, growing along roadsides, river banks, borders of fields and woods, and upon sterile hillsides and pastures.

Brome Inermis is a vigorous, hardy perennial, with strong creeping root stocks, smooth, upright leaves, 1 to 4 feet high, and large, open panicles, or head heads, 4 to 8 inches long. It with stands extreme of heat, drought and cold better than any other of our cultivated grasses. When sown for permanent pastures, the heads do not turn brown in the winter, and by the Spring the fresh grass will have grown to a height of 12 inches. It is a perfect grass for the various kinds of soil and the various purposes of farming.

As Brome Inermis is thoroly permanent and has wonderful rapidity, producing heavy crops of hay and luxuriant pastures, its value to the farmers in dry regions cannot be overestimated. All kinds of stock eat it greedily. No kind of stock will be lost, as the bolts are made, shows that it is rich in fibs-forming ingredients, even much more so than Timothy. As this grass starts to grow early in the Spring, better than any other of the different kinds, on account of its rapid growth, it has been fully proven by Brome Inermis that Brome Inermis will not only succeed and grow under conditions that prove fatal to Timothy, Clover, Orchard Grass or Alalfa, but it will also make most astonishingly rapid growth, as with Brome Inermis it is seen in the southern States and the western States and the western, native prairies show such 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 Brome Inermis varies from 2 to 4 tons per acre, according to aridical conditions, method of seeding and fertility of soil. The quality of the hay is ex cellent, fully equaling that of Timothy in palatability and nutritive qualities. In order of the best product, the grass should be cut at the time of full bloom. Its most important feature which distinguishes Brome Inermis from other hay grasses is that it does not deteriorate rapidly when fully grown, and, even if the weather is hot, even if the seeds are raised, the hay will have lost but little of its nutritive qualities, owing to the fact that after the seed bearing stem has grown, a large number of leafy shoots spring up from the base. This, combining all these plusses, is best adapted for spring-sowing, as this holds the moisture best. Like most hardy perennials, Brome Inermis forms deep roots before it makes much top growth and it is therefore well adapted for sowing with a nurse crop. For this purpose we always prefer either wheat or barley, because these do not stand as other grain and are not so apt to lodge and smoother the young grass plants. A good method is to sow Brome Inermis with a drill (setting this so that the drill runs about 1 to 2 inches deep), so that the seed comes in direct contact with the soil. The experiment stations recommend to sow from 20 to 30 pounds of seed per acre. In using barley or wheat for nurse crop of the regular quantity should be sown per acre. The land to be sown to Brome Inermis should be well prepared, for on such a bed the seed will start quickly, and the young grasses will soon subdue the weeds which are apt to grow on any soil, no matter how good. For the best results, sowing should be done any time from early spring to late fall in most any location.
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 large crops of hay. If cut in due season, which is at flowering time, it makes a very good and nutritious hay, while for pasture it cannot be well recommended, as most farmers well know, for its growth is not thrifty enough, and close pasturing is very injurious to it. Like all grasses, it is harder to 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, wherever circumstances allow it.

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 northern States. While the latter often times has been held for years for speculative purposes, regardless of vitality, and has been grown by everybody and anybody, on neglected farms, mainly for the purpose of subduing all kinds of weed seeds; 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 obnoxious weeds. Now for a good and prosperous sesame of Timothy, it is our opinion that as there is more danger of getting your farm infected with obnoxious weeds by sowing an inferior grade of Timothy Seed than with anything else, excepting Clover, with which the risk is just as great.

Besides, we claim, and our customers have experienced it every year, that our Minnesota grown Timothy Seed possesses more vigor and vitality and produces a much thrilfer growth, larger crops and better hay than Timothy grown in a milder latitude. The large daisy and stock farmers in the Middle and Eastern States have recognized this long ago, and send us their orders as early as possible, very often in fall already, although they may not sow the Seed until spring.

Prices of our Minnesota Grown Timothy Seed on the three different grades we offer are as follows:

- Our "FARMER BRAND" the clearest and the highest grade of Seed obtainable, lb., postpaid, 20c.; not prepaid, 15c.; per 100 lbs., $8.00. This Brand we send out in the above given quantities, and in sealed sacks only.
- Timothy Seed, Choice, peck, 70c.; bu., $2.50; 2½ bu., $6.00; 100 lbs., $8.50.
- Timothy Seed, Prime, peck, 85c.; bu., $2.75; 2½ bu., $6.50; 100 lbs., $9.00.

Grain sacks are 25c. each, extra, with Choice and Prime grades of Timothy Seed.

Prices: Owing to the prices of Timothy varying a great deal, and sometimes changing almost daily, we reserve the right to fill all orders at prices quoted above as long as the market permits us to do so; but should the market be lower or higher when your order is received, we will send to the full value of money sent.

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

3. TIMOTHY AND ALSYKE CLOVER MIXTURE.

This is a better combination for either pasture or meadow than Medium Red Clover and Timothy. All the Grasses bloom and ripen at the same time, so that we have to sell it at a reduced price. The mixture contains about one-fourth to a third of Alsyeke Clover and the balance Timothy, or is as near in that proportion as we can tell, which is just the proper quantity of each to produce good results. It should be sown at the rate of 10 lbs. per acre, and prices are: Price, lb., postpaid, 20c.; not prepaid, 15c.; 10 lbs., $1.00; 25 lbs., $2.50; 50 lbs., $4.00; 100 lbs., $8.00; grain sacks, 25c. each extra.

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 all parts of the United States and Canada, and is also highly valued and largely cultivated throughout Europe. It produces a great amount of early and finest of good quality, and yields hay—five to ten tons of hay per acre, which is of fine quality and very nutritious. As a pasture Grass it is particularly valuable, for it is an excellent grower, being one of the earliest in spring and latest in fall, and never freezes out or withers away where well on wet and dry bottoms, hillsides and shady slopes, which Bates and others have been sown for the past few years with great success. It is suited to any kind of soil, being both of the same size, they cannot be separated, so that in that proportion as we can tell, which is just the proper quantity of each to produce good results. It should be sown at the rate of 10 lbs. per acre, and prices are: Price, lb., postpaid, 25c.; not prepaid, 15c.; 10 lbs., $1.25; 25 lbs., $3.00; 50 lbs., $5.50; 100 lbs., $10.00; grain sacks, 25c. each extra.

5. BROMUS ERECTUS or MEADOW BROME GRASS.

This is a Grass which resembles Bromus Inermis in character, but is better suited than that for poor, light soils and hillsides, where it resists any amount of burning heat, while frost does not affect it in the least. For such places it will prove a blessing, and it will be of incalculable value to countries where clovers or other Grasses do not thrive very well. It should be sown especially by ranchmen and in range countries, as its introduction means a benefit of millions of dollars. In Europe, the noted agriculturist of France, says that 30 years ago he sowed a large portion of the country to this Grass on lands that have never been manured, and the Grass still does extremely well. Bromus Erectus is a hardy Grass and will stand soil so poor that other Grasses cannot exist on it. It is thoroughly permanent and remains for an indefinite period, affording large yields of hay, which are the same on good land as high as 4½ tons per acre, and furnishes excellent pasture also. The seed is sown the same as Bromus Inermis at a rate of 18 to 20 pounds per acre. Price, lb., postpaid, 25c.; not prepaid, 15c.; 10 lbs., $1.25; 25 lbs., $3.00; 100 lbs., $15.00.

5A. WESTERN RYE GRASS—Agropyrum Tenumum.

Western Rye Grass (also called Western—or Slender Wheat Grass) is the famous bunch grass of the Canadian Northwest and is a native variety found growing on the high, dry plains in all the Northwest part of Canada. It is extremely hardy under all conditions, and grows on all classes of soil, even on land impregnated with alkali to such an extent that it will support a crop of grain. The growing of the Western Rye Grass for several years in succession has such an effect on alkali land that small grain can be grown on it quite successfully afterwards. When growing on the ranges its height is from 18 to 24 inches, but under cultivation it can be brought to a height of 3 feet; under favorable circumstances it attains, however, the height of even 4 feet, and more. As with other grasses, the better the soil the better the crop yields will be, but it will also give fair returns from sands and humus soils so light that it would be difficult to lift with the wind. This is due to its strong root formation, which takes a firm hold of the soil. Under the same conditions the Western Rye Grass produces much heavier and larger yields of hay than Bromus Inermis, and for pasture it is greatly relished by all kinds of stock.

The seed being large and heavy, it may be sown with an ordinary grain drill, 1 to 2½ inches deep. To obtain a good stand for pasture the Western Rye Grass should be sown with Bromus Inermis, half and half, as the latter aids in making a thicker and a more even stand by growing between the bunches of the Western Rye Grass. Price of Western Rye Grass: Price, lb., postpaid, 25c.; not prepaid, 15c.; 10 lbs., $1.25; 100 lbs., $12.00.
6. **ITALIAN RYE GRASS**—Lolium italicum—This is one of the Grasses not well known, but very valuable, and deserving more attention. It grows on almost any soil, but thrives best on rich, moist land. On ground best adapted for it, and especially if irrigated, immense crops can be produced; as it can be cut 4 or 5 times, and yields as high as 7 or 8 tons of dry 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 when 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 of 2 to 4 feet high, with an abundance of foliage, and is much liked by cattle and stock generally. When sown by itself or along with 20 pounds of seed per acre is sufficient. **Price:** Superior Grade: Lb., 10c.; bu. (14 lbs.), $7.00. Pound by mail, postpaid, 15c.

7. **ENGLISH RYE GRASS**—Perennial. Lolium perenne—This has become well known in this country, and is very largely sown, and has proven itself in various varieties, hardy, perennial, and resistant to dry, or with only moderate water. However, much is made of the hardiness and perennial nature of the Grass, and yields are said to be very heavy on such land. It grows 2 to 3½ feet high; when sown by itself about 20 to 22 pounds of seed per acre is sufficient. **Superior Grade:** Lb., 10c.; bu. (14 lbs.), $1.00; 100 lbs., $7.75. **Pound by mail, postpaid, 15c.**

8. **CRESTED DOGSTAIL**—Cynosurus cristatus—For permanent pastures, especially on high land and hard, dry soils and hills, this Grass is invaluable. It produces an abundance of foliage, is very hardy, and can endure long periods of extreme drought or cold weather. This variety is tender and nutritious and relished by all kinds of stock. On account of its evergreen foliage and thick and close growing habit it is of particular value in a lawn mixture. It is a hardy perennial, 1 to 1½ feet high, flowering in June. **Superior Grade:** Lb., 30c.; bu. (14 lbs.), $2.50; 100 lbs., $24.00.

9. **RED FESCUE**—Festuca rubra—For meadows or pastures on dry, hard or sandy soils this variety is very valuable. It endures severe droughts. The roots go into the ground very deep, and the Grass remains fresh and green while other varieties are apparently suffering. It is very hardy, a true perennial, growing about 1 to 2½ feet high. **Superior Grade:** Lb., 15c.; bu. (14 lbs.), $2.20; 100 lbs., $14.25. Lb. postpaid by mail, 25c.

10. **SHEEP'S FESCUE**—Festuca ovina—This variety prefers to grow on light, sandy soil, and dry uplands or hillsides. 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. It is a hardy perennial, 1 to 2 feet high, flowering in June and July. **Superior Grade:** Lb., 15c.; bu. (14 lbs.), $1.50; 100 lbs., $10.75. **Pound postpaid by mail, 25c.**

Moody County, S. D.

The Clover-Grass Mixture that I bought last spring has given the very best results, so that I am well satisfied with it. I cheerfully recommend it to anybody who is growing new grass seed.

In my order today you will find a 100 pound order for Clover-Grass Mixture for my neighbor.

L. M. Mc.

11. **HARD FESCUE**—Festuca Deurifuscula—It is one of the smaller fescues and of great value on account of its hardiness and drought-resisting qualities, therefore being well adapted for dry hill pastures and uplands, as it prefers to grow on light sandy soils. It is well liked by all kinds of stock and its presence in hay indicates a superior quality. After being mowed it produces a large quantity of food. It is a hardy perennial, 2 to 3 feet high, flowering in June. **Superior Grade:** Lb., 15c.; bu. (14 lbs.), $1.50; 100 lbs., $10.75. **Lb. postpaid by mail, 25c.**

12. **TALL MEADOW OAT GRASS**—Avena elatior—For either hay or a permanent pasture a most valuable Grass, which can be successfully grown in all parts of the country and which will live and endure our cold Northern Minnesota Winters, and can also be successfully 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 account of its hardy and winter qualities. It is a true perennial, growing 2 to 3½ feet high, and flowering in May and June. **Price:** Superior Grade: Lb., 20c.; bu. (14 lbs.), $1.50; 100 lbs., $15.00. **Lb. postpaid by mail, 25c.**

**FARMER SEED COMPANY, FARIBAULT, MINNESOTA.**
13. RED TOP—Agrostis vulgara

This is a very hardy grass which is natural to most every state and predominates on low and marshy ground. It can also be sown with other grasses on good rich upland soil for either pasture or meadow, where it will make an abundance of good hay or pasture. It is rich in feeding and milk-producing matter.

Red Top is generally sown together with Timothy or low meadows, but the Timothy is usually destroyed by water, while Red Top continues to grow and flourish. For sloughs and very wet ground we advise a combination of Red Top, Tall Fescue, Floating Meadow, Water Spear and Meadow Foxtail Grass. All of these can withstand overflooding.

Red Top Seed is mostly sold in the chaff, of which we handle two grades. About 14 to 16 lbs. are usually sown per acre.

13a. Common Red Top or Chaff Seed, No. 1: Lb., 10¢; bu., $1.10; 100 lbs., $7.00. Lb. by mail postpaid 18c.

13b. Common Red Top No. 2: Lb., 10¢; bu., 85¢; 100 lbs., 56¢.

For description of other valuable grasses, particularly adapted for sowing on wet, low and marshy ground, see page 6.

14. ORCHARD GRASS—Dactyliis glomerata—For pasture or hay land a most valuable grass, and, on account of its earliness, is very valuable for permanent pastures. It furnishes the first green bite in the spring, and the last in the fall, and is quick to recover from close cropping, thriving even better when the more it is cropped. When grown for hay, more than one crop can be obtained in one season, and where but one crop is taken, the aftergrowth, which is very heavy, gives splendid and rich pasture till late in the fall. It will stand drought, keeping green and growing when other grasses are dried up, and being very hardy, is of especial value for our Northern States, where it does not winterkill. Its nature is to grow in tufts, and it is therefore not adapted for sowing alone; but when sown together with other grasses, or with our Clover-Grass Mixtures, a close and even sward can be had. It is well suited to shady places, such as orchards and groves. Although it is adapted for a wide range of soil, and will grow on almost all land, it gives best results on deep rich sandy loam or clay soils.

Orchard Grass is of such great value, especially to dairy farmers, that we have selected a special Orchard Grass Mixture, about which more can be learned on page 13, under C, No. 4.

15. FANCY RED TOP—Clear or Solid Seed—This is the same variety as the former (No. 13), only that it has been thoroughly reseeded from chalk, and is known as Fancy Red Top. Naturally this is much higher priced than the Common Red Top, but it is the cheapest in the end, as only 5 to 6 lbs. are required per acre.

16. ORCHARD GRASS No. 1, or best Northern-Grown Orchard Grass: Lb., 18¢; bu. (14 lbs.), $2.25; 100 lbs., $16.00.

16b. No. 2, or Choice Orchard Grass, the grade as sold by dealers generally. Lb., 17¢; bu., $2.00; 100 lbs., $14.50.

By mail, postpaid, best grade, 55¢ per lb.

17. KENTUCKY BLUE GRASS—The most widely known of all the natural grasses, which does well everywhere, and can be found in almost every part of our broad country. In some sections it seems to grow singularly well for instance in Kentucky, and this is probably the cause for the name, "Kentucky Blue Grass." It is grown more for pasture than for hay as it is unusually early in spring, providing good feed in May and June already in our Northwestern States, and produces a good growth until the ground freezes. This grass is very hardy and is nester injured by the cold nor by dry weather, hot sun, the trampling of hoofs or show mowing. It is suited to any variety of soil, but seems to succeed best on most rich land. It requires about two years to become well established, and for this reason should be used only where permanent pastures are wanted.

17a. Fancy Kentucky Blue Grass: Lb., 35¢; bu. (14 lbs.), $2.70; 100 lbs., $18.55. Pounds by mail, postpaid, 35c.

17b. Choice, or B Grade: Lb., 26¢; bu. (14 lbs.), $2.60; 100 lbs., 17.75.

To secure the best results with Grass Seeds on low and marshy ground, a variety should be sown instead of just one single kind.

18. CANADIAN BLUE GRASS—Poa compressa—The Canada-grown seed, Blue Grass is sold much cheaper, and is very hardy. We can make the following price on this seed: Lb., 12¢; bu. (14 lbs.), $1.50; 100 lbs., $9.10. Lb. by mail, postpaid, 30¢.

19. RHODE ISLAND BENT—Agrostis canina—For permanent pastures this is very valuable, but it is more desirable for lawns purposes as it will make beautiful, close fine sod upon quite sterile soil. It is a very hardy perennial, 1 to 2 feet high, flowering in June and July. Lb., 23¢; bu. (14 lbs.), $2.40; 100 lbs., $16.50. Pounds by mail, postpaid, 30¢.

20. ROUGH STALKED MEADOW GRASS—Poa trivialis—This is a very valuable and most excellent variety, better for permanent pastures or meadows, succeeding best on meadows with deep rich soil. Horses and cattle show a marked partiality for it, and it ranks very high in nutritive qualities. It is a very hardy perennial, 2 to 3 feet high, flowering in July. Lb., 28¢; bu. (14 lbs.), $3.50; 100 lbs., $23.00. Pounds postpaid by mail, 35¢.
SLOUGHS AND MARSHES.

These are, as a general rule, nothing but waste land and an eye-sore on most farms. If such land is properly utilized it can be made a source of the largest income, as it is apt to produce larger crops than any upland soil, on account of being always in the highest state of fertility, all the humus matter for years having been supplied from the land surrounding. If the proper kinds of Grass Seeds are sown on such low bottom lands they will soon take a firm hold of the soil and produce enormous crops of the best and most nutritious hay, or will make an abundance of pasturage. A variety of grasses properly selected will make a firm sod, which allows pasturing and the harvesting of the hay crop on such low marshes.

To enable our friends to make the proper selection of Grass Seed for low and overflowed land we refer them to our Clover Grass Mixtures on page 11 under A, Nos. 4, 5, and 6, and under B, Nos. 5 and 6, page 12.

21. MEADOW FOXTAIL—Alopecurus pratensis—A fine grass which is especially well adapted for permanent pastures. It is one of the very first to start growth in the spring, and is of remarkably quick and strong aftergrowth, either when closely cropped or after mowing. Meadow Foxtail is especially adapted for sowing in low or wet places, in marshes or sloughs, and occasional overflying for several days does no harm to it. It should be sown in place of Timothy, together with Red Top, Tall Fescue, Floating Meadow, and Water Spear Grass, on low ground and marshes subjected to occasional overflying, when very large quantities of fine hay can be had from such otherwise worthless ground. It closely resembles Timothy, but the head is smaller and soft; besides, it is more leafy in character in spring, is in blossom and ripe 3 to 4 weeks before Timothy, and springs up again quickly when pastured or mown.

Many are under the impression that this valuable grass is the same thing as a wild species commonly known as "Foxtail" or "Squirrelytail" and are afraid to sow it. If they read this description carefully they will find that it is not similar to and has nothing to do with this wild Foxtail. Lb., 40c.; bu. (14 lbs.), $5.00; 100 lbs., $50.00. Pound postpaid by mail, 35c.

22. FLOATING MEADOW GRASS—Glyceria fluitans—A very valuable grass for improving low and wet meadows, marshes or sloughs. It succeeds best on moist and wet land which is often under water. This grass will even grow in or under water. It is not well adapted for sowing by itself or alone, but does better if sown together with other varieties adapted for low ground, when a large quantity of fine hay can be secured. It is a true perennial grass, growing about 4 to 5 feet high.

Lb., 25c.; bu. (14 lbs.), $1.65; 100 lbs., $18.00. Pound postpaid by mail, 30c.

23. MEADOW SOFT GRASS—Holcus lanatus—This variety is also known as "Honey Grass," "Velvet Grass," "Yorkshire Fog," and "Velvet Mesquite Grass." Although not of high feeding value, it is very valuable for low, soft, spongy places, where other grasses do not succeed. Dr. Phares says: "It has been introduced into Texas, where it grows much larger than in the Eastern States or England, attaining a height of 2 to 4 feet." It is very productive; a hardy perennial, 18 to 20 inches high, flowering in June.

Lb., 15c.; bu. (14 lbs.), $1.80; 100 lbs., $13.00. Pound postpaid by mail, 25c.

24. FOWL MEADOW—Poa serotina—This native grass found in the eastern half of the Northern States, and highly approved of for permanent pastures and meadows. It prefers low and moist lands and succeeds well in wet meadows, or low places along streams liable to occasional overflow. It is a perennial, 15 to 24 inches high, flowers in July and August.

Lb., 25c.; bu. (14 lbs.), $2.10; 100 lbs., $16.00. Pound postpaid by mail, 28c.

25. CREEPING BENT—Agrostis stolonifera—This variety is especially valuable as a sod grass, and best adapted for low and moist situations. It starts early and holds out very late in autumn. Creeping Bent prefers deep rich and moist soils, being very deep rooted, of quick, successive growth when cropped closely and of dwarf habit. It is a very hardy perennial, 15 to 24 inches high, flowering in June and July.

Lb., 25c.; bu. (14 lbs.), $2.50; 100 lbs., $18.50. Pound postpaid by mail, 28c.

26. WATER SPEAR GRASS—Glyceria 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. Although it grows coarse and robust, it produces large quantities of very nutritious hay, which is well liked by all kinds of stock. It is a perennial, 4 to 5 feet high.

Lb., 30c.; bu. (14 lbs.), $1.15; 100 lbs., $7.50. Pound postpaid by mail, 38c.

27. TALL FESCUE—Festuca elatior—This valuable grass is found throughout Europe and also in this country, where it is highly valued for permanent meadows. Though coarse and robust in habit, it makes a very good quality of hay, which is very nutritious and is greedily eaten by all stock. Being also very productive, producing larger quantities of hay than many other grasses, it should be included in all mixtures for permanent meadows on moist and strong soils. It is also a good pasture grass, and in Virginia it furnishes cattle good grazing in midsummer. Not being affected by overflow and naturally adapted for low lands, where the soil is moist and strong, this is one of the best grasses to sow in marshes or places which are often under water. It is a perennial, growing from 3 to 5 feet high.

Lb., 25c.; bu. (14 lbs.), $3.00; 100 lbs., $20.00. Pound postpaid by mail, 35c.

RED TOP—Which you will find described on the preceding page, is also one of the most important grasses for low and wet soil, while you will find Reed Canary Grass, the most valuable grass for Sloughs and Marshes, fully described on the following page.
28. **REED CANARY GRASS (Phalaris arundinacea)** — Also offered by dealers under the name of Phalaris Canadensis or Blue Joint, while Blue Joint is known as Calamagrostis Canadensis botanically. Dealers, either through ignorance or for the purpose of misleading the buyer, mix up the names.

Reed Canary Grass is a tall, leafy perennial, 2 to 4 feet or more high, with smooth sheaths and narrow branching panicles 4 to 8 inches long. It is common on low, wet grounds and is widely distributed, from New England southward to Tennessee, and extending across the continent to California and Washington, and is also a native grass in Europe. Drought or cold will affect it but very little, and it does well in the shade. This grass thrives on land too wet for Red Top, succeeding best on stiff, wet land, and on flooded fields, as well as on low, marshy ground or swamps, where it will furnish a large amount of hay, but it will also grow fairly well upon rather dry, sandy soil. If sown on low lands it will soon establish itself and drive out the wild or worthless varieties. Lb., 3½c.; bu., (11 lbs.), $3.50. **Pound postpaid by mail, 55c.**

29. **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, being remarkable for its quick, successive growth when closely cropped. For lawns shaded by trees it is particularly valuable, producing a very thick growth and a nice even sod. It is a hardy perennial, one and one-half to two feet high, flowering in June. Lb., 35c.; bu. (14 lbs.), $1.20; 100 lbs., $28. **Pound postpaid by mail, 43c.**

30. **SWEET VERNAL (Anthoxanthum odoratum)** — Although this variety does not rank as high as some others for nutritive qualities, yet it is very valuable on account of its delicious perfume, and when included in hay its aroma is imparted to the other grasses, enhancing the value of the hay, and making it relished by the stock. The odor is more distinguishable when the grass is drying or dried. We have, therefore, included it in nearly all our Clover Grass Mixtures for Meadows. It is a perennial, one to one and one-half feet high, flowering in May and June. Lb., 15c.; bu. (14 lbs.), $1.85; 100 lbs., $12.50. **Pound postpaid by mail, 25c.**

31. **RESCUE GRASS (Bromus unioloides; also known as Bromus schraderi)** — A most valuable and native grass of the South, and highly valued where it is known. If grazed closely or mowed frequently the roots will live several years, like a perennial. It is also known as "Schrader's Brome Grass," "Australian Oats," etc. It makes the best growth during the cooler months, but resists heat and drought to a remarkable degree. About twenty to thirty pounds of seed per acre are used. Lb., 18c.; bu. (14 lbs.), $2.35; 100 lbs., $16. **Pound postpaid by mail, 28c.**

32. **YELLOW OAT GRASS (Avena flaveescens)** — This variety is particularly suited for dry pastures or meadows. Not being well adapted for sowing by itself it should be sown in a mixture with other grasses adapted for high and dry soils. It is very early; is greedily eaten by cattle, and also makes nice hay, producing a very large aftermath. It is a perennial, flowering in June. Lb., 40c.; bu. (14 lbs.), $6.50; 100 lbs., $86. **Pound postpaid by mail, 36c.**

33. **SOFT BROME GRASS (Bromus mollis)** — This variety is very largely grown in Europe and by many is considered a valuable grass. It succeeds best on upland or dry and thin ground, and stands considerable drought. In this country it is not yet used very largely, but should be given a trial. Lb., 15c.; bu. (14 lbs.), $1.85; 100 lbs., $11. **Pound postpaid, 25c.**

34. **JOHNSON GRASS (Sorghum halense)** — For the Southern States this grass is of particular value. It is a perennial; the roots penetrate the ground in every direction, and each joint may send up a stem three to six feet high. All kinds of stock are fond of it. It should be sown alone, on well prepared ground, at the rate of twenty-five pounds per acre. Lb., 10c.; bu., (25 lbs.), $2.25; 100 lbs., $8.00. **Pound postpaid, 20c.**

35. **BERMUDA GRASS (Cynodon dactylon)** — For the Southern States, particularly, this grass is best adapted, and of great value. In the chief reliance there for pasture and hay, furnishing rich, green pastures during nine months of the year. On good land it will cut two to four tons of nice hay per acre. It grows wherever corn and cotton grow. Pkt., 5c.; oz., 8c.; ½ lb., 25c.; 1 lb., 50c.; 4 lbs., $3.00, by mail postpaid.

36. **WILD RICE (Zizania aquatica)** — The only one of our native plants, furnishing food for wild fowls, ducks, geese, storks, which has been made an article of commerce. The seed can be sown on the borders of lakes, ponds and small streams to great advantage, varying all of these birds will be fed from September on. It purifies the water and affords refuge for the small fry from the large fish. In the South two crops can be cut, and it makes good hay of which all cattle are fond. Sown in water having a mud bottom. Lb., 25c.; postpaid by mail, 30c.; 10 lbs., $1.85.

**HAND SEEDERS.**

We Offer These as Premiums with Our Clover-Glass Mixtures Described on Pages 11-15 and also at Low Cash Prices ✿ ✿ ✿

**THE CYCLONE 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 but strong, and durable in construction, and with ordinary care will last a lifetime. It will sow Timothy, Clover, Millet and Grass Seeds of all kinds as well as Flax, Wheat, Oats, Rye, 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 simple directions on every machine. Price only $1.50; 3 in one order, $4.20.

**FARMER SEED CO.'S LITTLE GEM SEEDER.**

This is a seeder that we have manufactured expressly for us, and is a machine which is perfect in every respect. All the material used in it is first class, making it therefore absolutely impossible to get out of order from ordinary usage. In principle of construction it is similar to the Cyclone seeders, and will sow all kinds of Seed, Grain, Grass, Clover Seeds and chemical fertilizers perfectly even. Price, only $1.35; 3 in one order, $3.60.

We offer either the above or the Cyclone Seeders with an order for $20.00 worth of Clover-Grass Mixtures, ordered at catalogue prices. One of these seeders can also be had with $25.00 worth of Seed Grain, Seed Corn and Seed Potatoes, ordered at catalogue prices from pages 17-35.

**LITTLE WONDER SEEDER.**

This illustration shows the LITTLE WONDER Seeder which is somewhat similar to the Cyclone, having the same steel feed-plate, oscillating device and spring-steel triangular bearings and adjustments. It will sow all varieties of field grain and seed, but is especially recommended for sowing grass seed.

This sower will pay for itself in the saving of seed and labor in one-half hour's use. It is substantially built and will last a lifetime. Fully guaranteed to give satisfaction. Price, only $1.15. We offer it also free with $15.00 worth of Clover-Grass Mixtures selected from pages 11-15, at catalogue prices.
RELIABLE MINNESOTA GROWN CLOVER SEED.

No other plant is of such great importance to agriculture as clover, not only on account of its great value for pasture and for hay, but also on account of its far greater value as a soil reclaimer, for it gathers nitrogen from the air and stores it in the soil, thus restoring fertility to land that has been exhausted by continuous cropping. Clover is the foundation of all successful farming, and it is unquestionably the most used clover grown.

PLEASE NOTE—Prices on Clover are subject to fluctuations of the market, and we therefore reserve the right to fill all orders at prices quoted on the different varieties only as long as the market permits us to do so. Should the market fail to meet our order then we shall send seeds for the full value of the money remitted. Buyers of large quantities should write for special and interest prices before buying, which we will quote by return mail, then there is sure to be no misunderstanding.

37. MINNESOTA GROWN MEDIUM RED CLOVER.

(Trifolium pratense.)

Every farmer is familiar with this Clover, and a field of it knee high means fat cattle and swing sheep. In order to keep the farm up, Red Clover should be sown with all spring grain at the rate of 6 to 8 pounds per acre, if for no other purpose than merely as a fertilizer and to keep the weeds down. It will surely move a double benefit for if pastureage is wanted the clover can be turned onto it, and if not required for this purpose entirely our land requires fertilizers of some kind which barren ground alone cannot supply. Good clover sod turned under produces the best and the biggest yield of Corn, Wheat, Potatoes and Hay.

Our Minnesota Grown Clover Seed, with which we have been supplying our customers in every section of the United States for years is well known for its hardiness, strong and healthy growth and its wonderful productiveness. In purity and in great quantity 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.

All the different grades of our Minnesota grown Medium Red and Mammoth Clover we guarantee to be free from dodder and plantain which you find in mostly all imported seeds as well as in seed procured further south and away from the great markets of Oregon. Such seed is offered mostly by jobbers and dealers in the larger cities. Most of the eastern dealers and such as depend upon the open market are stocked up with this clover. We have developed the general Clover section of the Iron Range. It is also on account of the comparatively lower price of Clover containing all kinds of dangerous foul weeds. Our Minnesota Grown Clover Seed is not in competition with such Seed. We advise our patrons to send us their orders for Clover Seed as soon as possible, as Seed of high quality is scarce, and much higher prices are expected all around.

At our lowest prices at the time these rates are being priced, on the different grades of our Minnesota grown Medium Red Clover. Please note what we say above in regard to market prices changing.

37a. FARMER BRAND. Unexcelled in purity, high vitality and nice dark color. This Farmer Brand quality we guarantee to conform in every respect with the requirements of the new Seed Law enacted by the State of Iowa last year, and is therefore the most reliable Seed offered by any Seed-house. We are the only Seed dealers in the U.S. that can supply Seed of such high quality. Price Ibu., postpaid, 40c.; not postpaid, lbs., 30c.; pk., $3.35; ¼ bu., $6.25; bu., $12.00; ½ bu., $25.75; 100 lbs., $89.00, sacks included.

Our Farmer Brand Seed we offer in sealed sacks and in the above quantities, only, which will not be broken.

37b. CHOICE. Pk., $2.85; ¼ bu., $5.00; bu., $10.80; ½ bu., $26.75; 100 lbs., $18.00.

37c. PRIME. Pk., $7.75; ¼ bu., $3.35; bu., $10.50; ½ bu., $26.35; 100 lbs., $17.50.

Grain sacks for the above are 25c. each, extra, with the exception of the Farmer Brand.

38. MAMMOTH CLOVER (Trifolium pratense perenne.)

Also known as Pea Vine Clover or Cow Grass. This is well known for its enormous yields and for reclaiming exhausted land. It is extremely hardy and will grow on soil which is poor 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 hardily ever freezes out. On account of being so permanent it can be sown to good advantage in fall, even here in the Northwest, and should be grown in the Northern States for permanent future Milch of hay, yielding from three to five tons per acre. The hay is of choice quality, and is readily eaten by all kinds of stock. As a fertilizer to plow under green it has no equal, and for this purpose 50 lbs. on each 1000 bu. of hay will make the clover and also produce a good crop of clover. Mammoth Clover Seed. Price Ibu., postpaid, 40c.; not postpaid, lbs., 30c.; pk., $3.35; ¼ bu., $6.25; bu., $12.00; ½ bu., $25.75; 100 lbs., $89.00, sacks included.

Our Farmer Brand Seed we offer in sealed sacks and in the above quantities, only, which will not be broken.

38a. FANCY. Lb., postpaid, 50c.; not postpaid, lbs., 30c.; pk., $3.25; ¼ bu., $6.25; bu., $12.00; ½ bu., $25.75; 100 lbs., $80.00, sacks included.

Our Farmer Brand Seed we offer in scaled sacks and in the above quantities, only, which will not be broken.

38b. CHOICE. Pk., $2.85; ¼ bu., $5.00; bu., $10.80; ½ bu., $26.75; 100 lbs., $18.00.

38c. PRIME. Pk., $7.75; ¼ bu., $3.35; bu., $10.50; ½ bu., $26.35; 100 lbs., $17.50.

Grain sacks for the above are 25c. each, extra, with the exception of the Farmer Brand.

CRIMSON CLOVER.

This is also called Giant Insearum and German Mammoth Clover. Although it is only an annual, it answers the same purpose as the considerably higher priced Medium Red Clover in many respects. It has a mixture of a winter growth, can however, also be sown in spring as well as in fall. For northern sections sowing in spring material, while in the eastern states it is generally sown in Fall. It is remarkable for its rapid growth, and is the only Clover that yields a full and heavy crop the first year. One of its greatest assets is its great value as a fertilizer. It should be sown in the place of grain for the purpose of reclaiming worn-out soil and keeping up improved land to its fertility. If sown in spring with grain, as a fertilizer, it should be turned under the same fall on account of being only an annual. On land which that even Common Clover would do 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, which comes available food for succeeding crops. The nitrogen from one acre of Clover alone could not be bought for less than $30.00, being equal to that found in twenty tons of stable manure, and can be obtained at such a comparatively small cost. On account of its peculiar peculiar vigorous growing habit, developing such vigorous growth right from the start, it is especially adapted for hog pasture. It is also very valuable for hay, being very nutritious.

In regard to soil this Clover is not particular. It succeeds admirably on easily tillable soil, but also produces a good growth on very lean and wet land. All situations seem to suit it, except very low and wet bottoms.

PRICE. FANCY GRADE: Lb., 15c.; pk., $1.65; ¼ bu., $3.20; bu., $6.00; ½ bu., $14.75; 100 lbs., $18.00; sacks, 25c., each, extra. Lb., postpaid, by mail, 25c.
40. 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, and will also withstand drought. The seed is very fine, and if sown by itself about 5 pounds are sufficient for one acre; it is slow, however, and if sown in a wet soil, it will also require the same conditions to obtain permanent pastures.

Prices: Farmer Brand: Lb., prepaid, 40c; not prepaid, 30c; pk., $3.25; ½ bu., $6.50; bu., $12.00; 100 lbs., $20.00, sacks included.

Fancy: Peck, $3.00; ½ bu., $3.55; bu., $11.10; 100 lbs., $19.00.

Choice: Peck, $2.75; ½ bu., $3.25; bu., $10.00; 100 lbs., $17.25.

Prime: Bu., $9.00; 100 lbs., $16.50; sacks 33c. extra.

40b. WHITE AND ALSYKE CLOVER MIXTURE.

These two kinds of Clover are grown together quite extensively here in this section on the rich bottom lands for pasture, and also frequently on low meadows. The year most farmers here had quite an abundance of pasture and the White and Alsyke Clover being well filled, they cut it for seed. As these two kinds of Clover Seed are of the same size they cannot be separated, and we offer them, therefore, as a mixture at a very low price. It consists of about 40 White Clover, 25% Alsyke Clover. 

Prices: Farmer Brand: Lb., prepaid, 40c; not prepaid, 30c; peck, $3.00; ½ bu., $3.55; bu., $11.10; 2½ bu., $25.55; 100 lbs., $19.00, sacks included.

FANCY: Not prepaid, 1½ peck, $3.55; peck, $3.55; ½ bu., $5.90; bu., $10.60; 2½ bu., $26.75; 100 lbs., $18.00.

CHOICE: Peck, $2.65; ½ bu., $5.20; bu., $10.50; 2½ bu., $25.55; 100 lbs., $17.00.

For our Alsyke and Timothy Mixture, see page 40. This is a very low priced mixture, which should be sown where it is too wet for Medium Red Clover.

41. ALSYKE OR SWEDISH CLOVER.

Trifolium Hybrida.

The advantages which the Alsyke Clover has over Red and other varieties are its hardiness and true perennial character. It adapts itself to a great variety of soils, growing on the edge of a stream, in swamps, or on low land, and although it is very hardy, it will also withstand the extremes of drought and wet soils. It is quite as much liked by all stock, either green or when cured for hay, as the Red Clover, and is highly valued for both hay and forage. It is rather more tender than the Red Clover, but it makes better hay than this, and is better kept in the field. It is a very sweet and fragrant, and is likewise liked by bees. This Clover grows to 15 to 20 inches high; the heads are round and flesh colored. It can be sown with Timothy to good advantage, as both grow on low ground and moist soil, and both are hardy and can be sown at about the same time. Alsyke Clover is known for Seed, this is taken from the first cutting. When sown alone, 6 lbs. of Seed are required per acre.

Prices: FARMER BRAND: Lb., prepaid, 40c; not prepaid, 30c; peck, $3.00; ½ bu., $3.55; bu., $11.10; 2½ bu., $25.55; 100 lbs., $19.00. 

FANCY: Not prepaid, 1½ peck, $3.55; peck, $3.55; ½ bu., $5.90; bu., $10.60; 2½ bu., $26.75; 100 lbs., $18.00.

CHOICE: Peck, $2.65; ½ bu., $5.20; bu., $10.50; 2½ bu., $25.55; 100 lbs., $17.00.

For our Alsyke and Timothy Mixture, see page 40. This is a very low priced mixture, which should be sown where it is too wet for Medium Red Clover.

45. BOKHARA SWEET OR BEE CLOVER.

-Melilotus albus.—This Clover is especially adapted for bee pastures, and whoever keeps bees should not fail to put in at least half an acre to an acre, for it will greatly benefit them, as the honey is as nice and clear as crystal. It grows on poor and sandy soil and also on land that is only a dry rock; its strong roots will penetrate any kind of the Bokhara Clover as a fertilizer was not known at all, as it yields several experiment stations published articles on it. Price: Lb., 25c.; bu., (60 lbs.), $11.50. Lb., prepaid by mail, 30c.

I can inform you that my clover crop from your Seed was a great success. I bought 2 bushels of your Med. Red Clover which I sowed on 14 acres, mixing it with 2 pounds timothy to the acre. I sowed the whole broadcast with oats on 7 acres and barley on 7 acres as a nurse crop. The Clover made a very good catch furnishing splendid pasture all fall. It was pastured closely down to the ground. Last spring the Clover started in good shape although some of it appeared to be winter-killed. By July the 15th, the Clover was 3 to 4 feet high, filling some places covering the timothy entirely. Every Clover field froze out in my neighborhood, but your Clover Seed not only stood the test but also yielded a big crop of fine hay.

Wishing you success in your business I remain Yours respectfully,

CHAS AASTROM,
Spring Valley, Wis.

Please notice the low price of the White and Alsyke Clover Mixture. Both Clovers are of the greatest value for pasture on high, medium as well as low ground.
40. ALFALFA OR LUCERNE—Medicago Sativa.

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 10 to 12 feet. It has been recorded that Alfalfa sends its roots to a depth of 20 and 60 feet, and it is believed that under especially favorable circumstances they may even go deeper. It grows best in a sandy rich loam underlain by a loose and permeable subsoil. It should not be understood, however, that it requires necessarily, sandy soil for growing Alfalfa, for this can be raised on most any kind of soil, even on stiff clay land. The prime condition for its success is that the land be naturally well drained. The subsoil should not be heavy and stiff and impermeable to water, but loose enough to drain off all superfluous moisture.

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 albuminoids 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 him feed 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 fed profitably to all kinds of live stock, and is especially valuable for young growing cattle, horses and sheep.

As a milk 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, and a large quantity should also be put up for hay. One acre of Alfalfa will furnish forage for 15 to 25 hogs per season. There is no easier 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, as it takes nitrogen directly from the air and stores it in the soil. By raising Alfalfa you not only provide an excellent forage for all kinds of livestock, as well as a large quantity of forage for use in stock, but at the same time you enrich your fields with a fertilizer, which, if purchased in the market, would cost you a great deal of money.

To make the best Alfalfa hay it should be cut when the first flowers commence to appear, as, if cut when in full bloom, or even later, the stems might become woody and hard. When grown on the most suitable soils—namely, such as are rich and well drained, and which abound in lime, potash, phosphoric acid and magnesiu—and with the stimulus of heat and moisture, alfalfa hay will yield to cuts every four to six weeks, and can be cut, accordingly to location and circumstances, from three to eight times a season.

Lucerne, or 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 in mixture with grass as nurse crop.

It will make a fair growth the first season already, but this depends a great deal upon the circumstances. Some persons even say that if you cut their Alfalfa fields twice the same year it was sowed, getting from one to two of alfalfa hay in each instance.

40. Price: Northern Grown Seed “Farmer Brand,” Pound postpaid, 40c.; not prepaid, lb., 30c.; pk., $.33; ½ bu., $.65; bu., $1.25; ½ bu., $2.75; 100 lbs., $20.00, sacks included.

40b. Choice Seed: Not prepaid, lb., 25c.; pk., $.33; ½ bu., $1.25; ½ bu., $2.75; 100 lbs., $17.00; sacks 23c each extra.

41. MONTANA ALFALFA.

This is especially recommended by our agricultural department at Washington, D. C., as being the hardest and most reliable Alfalfa in every respect. The seed is unusually large, of the highest vitality, and of a nice healthy color.

Price: “Farmer Brand” Seed, lb., postpaid, 40c.; not prepaid, 30c.; pk., $.50; ½ bu., $.75; bu., $1.50; ½ bu., $3.25; 100 lbs., $22.00, sacks included.

Choice Seed: Not prepaid, lb., 25c.; pk., $.33; ½ bu., $1.25; ½ bu., $2.75; 100 lbs., $19.00; sacks 23c each extra.

42. TURKESTAN ALFALFA.

This has recently been introduced into cultivation by our Agricultural Department. It was found growing on the high table lands of Asia, and is especially adapted to the sudden changes of temperature that prevail there—intense heat at midday, and very often frost at night, even in midsummer. Turkestan Alfalfa resembles the ordinary Alfalfa described above, excepting that the leaves are shorter and are sparingly clothed with short hairs. Its cultivation has been quite successful in the arid regions of the West, and under conditions where Alfalfa or Lucerne fails the Turkestan Alfalfa will prove to be the greatest value.

As all of this seed has to be imported, it is rather high priced yet, but all those who failed to obtain good results with the common Alfalfa should give the Turkestan at least a trial, as success is very certain in most every instance. We have imported the true Turkestan Alfalfa directly from Europe, which is of the best quality. There was a great demand for the Turkestan Alfalfa last year, and many of these seeds were sowed by innocent purchasers by unscrupulous dealers. That our patrons may be able to distinguish these two kinds, we will mention here that the Turkestan Alfalfa Seed is not quite as elongated as the common, and that its color has also a purplish hue to it.

42. Price for Fancy Seed: Lb., prepaid, 40c.; not prepaid, lb., 30c.; pk., $.50; ½ bu., $.75; 1 bu., $1.25; 1½ bu., $2.75; 5 bu., $20.00.

Choice: Lb., postpaid, 40c.; not prepaid, lb., 30c.; pk., $.50; ½ bu., $.75; 1 bu., $1.25; 1½ bu., $2.75; 5 bu., $20.00.

Mr. Peter Becker, of Faribault, one of Rice County’s most progressive farmers, writes, "On account of having been so successful with the common Alfalfa, bought of you four years ago, I felt induced, by your description of the Turkestan Alfalfa in your catalogue, to sow three bushels of this, although the seed was quite expensive. The seed was of good quality and came up fine. It was sown with barley for nurse-crop, and when this was cut the Turkestan Alfalfa was weeded out. The Turkestan Alfalfa was allowed to remain unharvested afterwards, which would have yielded over a ton of good hay per acre, but on account of the almost continuous rain we left it on the ground for mulching. With the three bushels of the Turkestan Alfalfa we sowed a section of our alfalfa without the nurse crop, entirely, so we sowed the balance to common Alfalfa. There was, however, a marked difference between the two kinds of Alfalfa, for while the plants of the Turkestan made a healthy and vigorous growth, the common Alfalfa produced not more than half as much growth. I am of the opinion that the Turkestan Alfalfa is better adapted to our soil and climate than other kinds. Our soil is a heavy timber clay, which is quite solid and impermeable, but which I think the Turkestan Alfalfa would stand better than any other kind of Alfalfa."

43. SAND LUCERNE (Medicago media)—A variety of Lucerne especially adapted for very dry, sandy land, where it will yield heavy crops, is very long lived, and will grow in all climates.

Pound, postpaid by mall, 35c. By express or freight, lb., 25c.; pk., $.50; bu., $12.50.
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. 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 large variety there must be at least several kinds of grasses adapted to your soil, while if you sow one only kind this may not be at all suitable and consequently no results will be obtained. A pasture containing a variety of kinds of grasses and clover is again as productive and earlier than if but one kind of grass is used, and can also be pastured throughout 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 much better quality can always be obtained than by sowing only one or two kinds of Grass Seed. What we have said above is in regard to grasses being deep-rooted and drought-resistant, also applies to the grasses we use in our 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 must be adapted for pasturing if sown alone, as they are easily affected by drought and frost, thereby making it necessary to re-sow every year or two,—a rather expensive method. In our carefully selected Clover-Grass Mixtures several varieties of the natural grasses are sown together, and these will cover the ground very closely and make three spears of grass grow where formerly but one grew; besides, these Clover-Grass Mixtures will stand various climate 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 Red Fescue Mixtures the ground should be well prepared the same as for grain. Fall ploughed land is preferable, because this holds the moisture better than ground ploughed in spring. After the ground has been worked up well the grass seeds can be sown either by hand or with one of our hand seeders. As grass seed is very fine, it should not be covered too deep, one stroke of the harrow being sufficient to bring the seed in direct contact with the soil, which might then be followed with a roller. The surest and best way to obtain a stand is to sow the Seed alone, but if preferred, Grass can be used for the 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.

A—Clover-Grass Mixtures For Permanent Meadows.

The question of what grasses to use in a meadow or hay mixture is, for all those who have had no experience with the different varieties of natural grasses, hard to answer. There are so many valuable grasses and so many different kinds of soil, that it is a difficult matter for a great many to make the proper selection for the purpose required.

For a meadow we combine those grasses and clovers which blossom and mature at about the same time. Grasses of a bunchy growing habit should be intermingled with those of a spreading nature, so as to fill the spaces and make a compact and even growth of herbage. We also use such kinds as will make a rapid growth after each cutting. As Clover sown together with Grass Seeds will increase not only the quantity but also the quality of the hay, we have added Clover to all the Clover-Grass Mixtures intended for such soils that are adapted for growing clover. All kinds of farm stock enjoy a varied ration, and the hay will be richer and prove more nutritious and milk-producing when the meadow consists of several sorts instead of a single kind.

<table>
<thead>
<tr>
<th>No.</th>
<th>For dry and high ground, light or medium soils:</th>
<th>Sow per Acre</th>
<th>How to Sow the Seed.</th>
</tr>
</thead>
</table>
| A. No. 1. For dry and high ground, light or medium soils: | | Sow per Acre | 18 lbs. @ 11c. | 98
| Red Fescue | | 20 lbs. @ 11c. | 220 |
| Crested Dogstail | | 50 lbs. | 3.25 |
| Hard Fescue | | 100 lbs. | 10.00 |
| English Rye Grass | | 100 lbs. | 10.00 |
| Meadow Fescue | | 100 lbs. | 10.00 |
| Bromus Inermis Timothy | | 100 lbs. | 10.00 |
| Sweet Vernal | | 100 lbs. | 10.00 |
| Red Clover | | 100 lbs. | 10.00 |
| Lucerne | | 100 lbs. | 10.00 |

| A. No. 2. For dry and high ground, heavy or strong soil: | Sow per Acre | 18 lbs. @ 11c. | 98 |
| Tall Meadow Oat. | 20 lbs. @ 11c. | 220 |
| Hand Fescue | 50 lbs. | 3.25 |
| English Rye Grass | 100 lbs. | 10.00 |
| Red Top Grass | 100 lbs. | 10.00 |
| Bromus Inermis Timothy | 100 lbs. | 10.00 |
| Red Clover | 100 lbs. | 10.00 |
| Alsyke Clover | 100 lbs. | 10.00 |

| A. No. 3. For moist ground and rich soils: | Sow per Acre | 18 lbs. @ 11c. | 98 |
| Meadow Fescue | 20 lbs. @ 11c. | 220 |
| Tall Meadow Oat. | 50 lbs. | 5.25 |
| Italian Rye Grass Timothy | 100 lbs. | 10.00 |
| Red Clover | 100 lbs. | 10.00 |
| Alsyke Clover | 100 lbs. | 10.00 |

| A. No. 4. For moist ground which is overflowed occasionally: | Sow per Acre | 18 lbs. @ 11c. | 98 |
| Tall Fescue | 16 lbs. @ 11c. | 1.76 |
| Hand Fescue | 50 lbs. | 5.25 |
| Red Top Grass | 100 lbs. | 10.00 |
| Meadow Fescue Timothy | 100 lbs. | 10.00 |
| Alsyke Clover | 100 lbs. | 10.00 |

| A. No. 5. For top seeding on marshes and swamps, occasionally overflowed, the following mixture is especially adapted: | Sow per Acre | 18 lbs. @ 11c. | 98 |
| Water Spear Grass | 10 lbs. @ 11c. | 1.10 |
| Floating Meadow | 10 lbs. @ 11c. | 1.10 |
| Red Top Grass | 10 lbs. @ 11c. | 1.10 |
| Tall Fescue Grass | 10 lbs. @ 11c. | 1.10 |
| Meadow Fescue Timothy | 10 lbs. @ 11c. | 1.10 |

| A. No. 6. For peaty and boggy swamps, which as a general rule are so dry during the summer that no vegetation will grow in them: | Sow per Acre | 18 lbs. @ 11c. | 98 |
| Meadow Soft Grass Bromus Inermis Timothy | 15 lbs. @ 11c. | 1.80 |
| Red Top Grass | 50 lbs. | 5.75 |
| Soft Brome Grass Bromus Erectus | 100 lbs. | 11.00 |
B - CLOVER-GRASS MIXTURES FOR PERMANENT PASTURES.

For a pasture mixture the chief requisite is that the grasses be early, medium and late, and do not mature all at the same time, so as to furnish continuous grazing throughout the entire season. Tufted 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>22 lbs. @ 11c $2.42</td>
</tr>
<tr>
<td>Red Fescue</td>
<td>50 lbs.  $5.25</td>
</tr>
<tr>
<td>Bromus Inermis</td>
<td>100 lbs.  $10.00</td>
</tr>
<tr>
<td>Meadow Fescue</td>
<td></td>
</tr>
<tr>
<td>Crested Dogstail</td>
<td>50 lbs.  $5.25</td>
</tr>
<tr>
<td>Tall Meadow Oat Grass</td>
<td></td>
</tr>
<tr>
<td>Timothy</td>
<td>100 lbs.  $10.00</td>
</tr>
<tr>
<td>Red Clover, White Clover, Alsyke &amp; Red Clover</td>
<td></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></td>
</tr>
<tr>
<td>Orchard Grass</td>
<td></td>
</tr>
<tr>
<td>Blue Grass</td>
<td></td>
</tr>
<tr>
<td>Bromus Inermis</td>
<td></td>
</tr>
<tr>
<td>Italian Rye Grass</td>
<td></td>
</tr>
<tr>
<td>Timothy</td>
<td></td>
</tr>
<tr>
<td>Red Clover</td>
<td></td>
</tr>
<tr>
<td>White Clover</td>
<td></td>
</tr>
<tr>
<td>Alsyke &amp; Red Clover</td>
<td></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 Fescue</td>
<td></td>
</tr>
<tr>
<td>Orchard Grass</td>
<td></td>
</tr>
<tr>
<td>Blue Grass</td>
<td></td>
</tr>
<tr>
<td>Red Grass</td>
<td></td>
</tr>
<tr>
<td>French Grass</td>
<td></td>
</tr>
<tr>
<td>Slow grass</td>
<td></td>
</tr>
<tr>
<td>Italian Rye Grass</td>
<td></td>
</tr>
<tr>
<td>Timothy</td>
<td></td>
</tr>
<tr>
<td>Red Clover</td>
<td></td>
</tr>
<tr>
<td>White Clover</td>
<td></td>
</tr>
<tr>
<td>Alsyke &amp; Red Clover</td>
<td></td>
</tr>
</tbody>
</table>

B No. 4. Specially adapted for woodland 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 Grass</td>
<td></td>
</tr>
<tr>
<td>Orchard Grass</td>
<td></td>
</tr>
<tr>
<td>Blue Grass</td>
<td></td>
</tr>
<tr>
<td>Tall Meadow Oat Grass</td>
<td></td>
</tr>
<tr>
<td>Sweet Vernal</td>
<td></td>
</tr>
<tr>
<td>White Clover</td>
<td></td>
</tr>
<tr>
<td>Timothy</td>
<td></td>
</tr>
</tbody>
</table>

B No. 5. For top seeding to improve a pasture on low rich ground or marshes:

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fowl Meadow</td>
<td>10 lbs. @ 11c $1.10</td>
</tr>
<tr>
<td>Creeping Bent</td>
<td></td>
</tr>
<tr>
<td>Tall Meadow Fescue</td>
<td>50 lbs.  $5.25</td>
</tr>
<tr>
<td>Alsyke Clover</td>
<td>100 lbs.  $10.00</td>
</tr>
</tbody>
</table>

B No. 6. For low bottom lands, sloughs or marshes:

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meadow Fescue</td>
<td></td>
</tr>
<tr>
<td>Water Spear Grass</td>
<td>15 lbs. @ 12c $1.80</td>
</tr>
<tr>
<td>Floating Meadow</td>
<td></td>
</tr>
<tr>
<td>Meadow Soft Grass</td>
<td></td>
</tr>
<tr>
<td>Creeping Bent Grass</td>
<td>50 lbs.  $5.50</td>
</tr>
<tr>
<td>Meadow Fescue, Red Top</td>
<td>100 lbs.  $10.00</td>
</tr>
</tbody>
</table>

B No. 7. Specially selected for sheep pasture on light, sandy soils or dry uplands and hillsides:

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheep's Fescue</td>
<td></td>
</tr>
<tr>
<td>Hard Fescue</td>
<td>22 lbs. @ 11c $2.42</td>
</tr>
<tr>
<td>Crested Dogstail</td>
<td></td>
</tr>
<tr>
<td>Sweet Vernal</td>
<td>50 lbs.  $5.25</td>
</tr>
<tr>
<td>Bromus Erectus</td>
<td></td>
</tr>
<tr>
<td>Meadow Fescue</td>
<td>100 lbs.  $10.00</td>
</tr>
<tr>
<td>White Clover</td>
<td></td>
</tr>
</tbody>
</table>

Instead, Minn., Sept. 19, 1903. In spring, 1901, I bought a Clover-Grass Mixture from you for a Permanent Pasture, with which I had marvelously good success. Although it was an unfavorable and dry spring, my first cut the same summer was three loads from two acres. The second cut the same year was still better and gave four loads, and the third, two loads. In 1902 the yield still increased, and my first crop was six loads from the two acres, the second cutting four loads and the third two loads. There was, however, no standstill in the yield for this year (1903); before I cut the first crop the Orchard Grass, Bromus Inermis and English Rye Grass were four and one-half feet high and produced the enormous yield of eight tons of hay, the second crop gave six tons and the third I have not cut, up to this date, but it is one and one-half feet high at the present writing. I have never seen or heard of anything that does better for a meadow than your Clover-Grass Mixtures, nor have I come across grasses that make finer hay.

JOHN LITTELL.
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 other grain. It can be sown in hay or in the course of hay, and the quick and successive after-growth will furnish good pasture until late in the fall. For a good many years, and in all parts of the country, this C. No. 1 Clover-Grass Mixture, has given the best results with our brother farmers, so that we can earnestly recommend it, and it should be more largely sown.

<table>
<thead>
<tr>
<th>Sow per Acre.</th>
<th>20 lbs. @ 11c.</th>
<th>$2.20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meadow Fescue</td>
<td>50 lbs.</td>
<td>$5.25</td>
</tr>
<tr>
<td>Red Top Grass</td>
<td>100 lbs.</td>
<td>11.00</td>
</tr>
</tbody>
</table>

Traverse Co., Minn., Mar. 3, 1904.—The Seeds we bought of you last year proved to be all good and gave the best satisfaction. Your Clover-Grass Mixtures are advertised as the very best for every farmer who sees my purpose, and now we want to know where I procured my grass seeds. Many have said already that they were going to send for you for some Clover-Grass Mixtures. I enclose an order herewith again for 200 pounds Clover-Grass mixture, as these pounds are for my neighbor, which please pack separately. Yours truly,

E. B. RITTER.

C. No. 2. We have selected this Clover-Grass Mixture with a view to suit the conditions in the Western and extreme Northwestern states, and for similar conditions elsewhere, also for sections of the country where Timothy or Clover are uncertain, and do not produce well when sown alone. We include these, however, as we have found that while they are uncertain when sown alone, they are sure to succeed when sown with other varieties, and should they fail, the other grasses will take their place, thus avoiding an entire failure. This Clover-Grass Mixture is adapted for sowing on land that will not hold sod. I intend to sow 40 acres to pasture, and wish that you would name your lowest price for the quantity of Grass Seed required, etc.

G. L. BERGER.

C. No. 3. Quite often we hear from farmers that it is impossible to get a stand of tame grass started in their locality, as everything failed that was tried before. Now, with the large variety of natural grasses we have, which are adapted to the most widely different conditions of soil and climate, it is easy to obtain a stand of grass everywhere, and we would advise those who have failed before, and where the conditions of soil and climate are unusually severe, to sow the following Clover-Grass Mixture, and we are certain that the results will be satisfactory.

<table>
<thead>
<tr>
<th>Sow per Acre.</th>
<th>25 lbs. @ 12c.</th>
<th>$3.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromus Inermis</td>
<td>50 lbs.</td>
<td>$5.75</td>
</tr>
<tr>
<td>Red Clover</td>
<td>100 lbs.</td>
<td>11.00</td>
</tr>
</tbody>
</table>

Boveeville, Wis., Sept. 13, 1903.—I wish to inform you that I am well satisfied with your Seeds. The Clover-Grass Mixture grew most rapidly and produced a large amount of fine hay this year already. I estimate the first cut at two and a half to three tons per acre, I am pasturing the meadow now and must say that the cattle greatly relish such elegant grasses. The Garden Seeds were of the best growing quality and made large yields.

JOHN BOSSHART.

C. No. 4. DAIRY FARMERS’ ORCHARD CLOVER-GRASS MIXTURE.—We have selected only the earliest, best, and quickest growing varieties for this Clover-Grass Mixture. Dairy farmers want to cut a crop of hay very early and have pasture for the rest of the season, or intend to make two crops of hay the same summer, and this especially selected Clover-Grass Mixture is admirably suited for this purpose. It is adapted for ordinary or medium soils which will produce a good crop of corn or wheat, and can be sown anywhere in any part of the country.

<table>
<thead>
<tr>
<th>Sow per Acre.</th>
<th>20 lbs. @ 11c.</th>
<th>$2.20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italian Rye Grass</td>
<td>50 lbs.</td>
<td>$5.25</td>
</tr>
<tr>
<td>Red Clover</td>
<td>100 lbs.</td>
<td>10.00</td>
</tr>
<tr>
<td>Alyske Clover &amp; Timothy</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Our agricultural books described on the 3rd cover page of this catalogue are a great source of knowledge for everybody interested in farming, gardening, and small fruit growing. In order to be successful and up-to-date on topics of agriculture and horticulture procure a few of our books, they will surely prove to be of the greatest help to you. There is nothing like knowing how to do a thing right.
Specially Selected 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 the former contain all the necessary bone-building elements in which Corn is almost entirely lacking. Many farmers, especially in the Corn-growing sections, have paid dearly for this fault of their hogs entirely on Corn, for the hog cholera and similar diseases have caused them terrible losses. After hogs have been well fed up 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. From the results of experiments, it is evident that if a good crop of Corn and small grain will naturally also produce a fine crop of Grass and Clover, and a good pasture can be provided with considerably less labor and expense than Corn, a good pasture is once established the hogs will do the rest and will not only keep healthy and strong, but they will make an average gain of about 20 lbs. per day quite easily.

Being greatly interested in hog raising ourselves (as the photograph below of our Poland China herd will show) we have always aimed to provide a good, luxuriant as well as durable pasture for them, so as to make this enterprise as profitable as possible. As we have all the different varieties of Grass and Clover Seeds at our disposal, we have managed to establish Clover-Grass Mixtures that will not only provide an abundant pasture for the hogs in six weeks time from the day of sowing the Seed, but will also produce permanent hog pastures, as will last for at least five or six years if not closely cropped late in the fall.

From a photograph of one of our farms, showing a bunch of full blooded Poland China Spring Pigs and a Permanent Hog Pasture established with our famous Hog Pasture Clover-Grass Mixtures.

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

When sown early in spring, the hearty and luxuriant growth of the Grasses and Clovers will furnish rich and succulent food throughout the summer. Crimson Clover, used in the right proportion with other Grasses and Clovers, we have by careful experimentation found to be best adapted for this "A" Hog Pasture Clover-Grass Mixture.

Should it be necessary to sow the Grass Seed with a nurse-crop on account of the ground being very woody, then we recommend to use Barley or Spring Rye at the rate of 1 bushel per acre. This is greedily eaten by the hogs and the Grasses and Clovers will be given a better chance to form a stand, especially if one is obliged to turn the hogs in as early as possible. Lb., 15 c.; 15 lbs., (for one acre), $2.00; 50 lbs., $6.00; 100 lbs., $11.50.

The above described Hog Pasture Clover-Grass Mixtures are adapted to extremely high ground. Land that is inclined to be marshy is not fit for hog pasture and should not be used for this purpose. Should you have special locations that you wish to turn into hog pasture, then please write us, for we shall be pleased to put up a specially selected Clover-Grass Mixture for you which will produce the best results on your particular soil.

Please notice from the above, that it costs very little, if any, to establish a good Hog Pasture with vigorous growing Grasses and Clovers, which furnish an abundance of rich and succulent food from early in spring until late in the fall, than to sod a field of Grasses and Clovers alone, for although it forms the main substance for Hog pasture, it is not hardy enough to stand the demands made upon it, alone. It requires a certain combination of Grasses and Clovers to form a firm and tough sod which Clover alone cannot produce.

We have also prepared our Hog Pasture Clover-Grass Mixtures, together with Barley, in spring as soon as the ground is in good condition to be worked. Fall plowed land is always preferable, as this holds the moisture better. As soon as the barley is high enough, and the young Clover and Grasses have matted well over the ground the hogs can be let into it. Barley, when quite young, is well liked by hogs and, will eat it eagerly at first, thus giving the grasses a chance to develop. When the barley is not reaped any more then there will be a fine and close stand of grass and clover established which will furnish the most luxuriant pasture throughout the season. Late in fall it should not be closely pastured, if a permanent Hog Pasture is desired.

Conclusion— I am very much pleased with the results obtained with your Clover-Grass Mixture. I sowed part of it with a nurse crop and the balance for itself. The Clover Grassy mixture which I sowed without a nurse crop made a fine stand, so that I decided to cut it for hay, which I should not have done so late in the fall, as it left it without protection. The Clover-Grass Mixture which I sowed with Wheat as a nurse crop gave excellent results, for when I cut the Wheat I left the stubble as long as possible, so as to let the snow settle in this, thus protecting the young grasses. I found all your Seeds O. K. in every respect.

I wish to say that I like to deal with people, who, if they make a mistake here and there, which will happen with everybody, are always very willing to correct their errors.

Yours truly,

A. F. Prandus,
Trail Co., N. D.

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 a valued premium. In order to produce more permanent results however, we found it necessary to use a larger variety of hardy Grass and Clovers to promote deep cropping and push forward constantly a new growth. It is natural that it requires Grasses and Clovers with a strong root formation to supply an almost inexhaustible quantity of pasture absolutely free from weeds.

This "B" Clover-Grass Mixture consists largely of the following varieties: Crimson Clover, Mammoth Clover, Althea Clover, White Clover, Italian Rye Grass, English Rye Grass, Orchard Grass, Bromus Inermis, Creeping Bent Grass, and Timothy. Sow 15 lbs. per acre, Lb., 15 c.; 15 lbs., (for one acre), $2.25; 50 lbs., $6.25; 100 lbs., $12.00.

FULL-BLOODED POLAND-CHINA PIGS.

We have two separate families of registered Poland-China Pigs, which we also keep on separate farms, so that there is no danger of making mistakes in filling orders for pairs, trios, etc., not akin. To please our customers, all our young pigs are provided with numbered earmarks as soon as advisable, so that no mistakes can occur.

We breed for prolificacy, strong bones and good size. Our sows generally have from 8 to 10 pigs to a litter, and some even more.

If interested in full-blooded Poland-China Boar and Sow Pigs, eligible to be registered, write us for prices.
LAWN GRASS MIXTURES FOR SPECIAL SITUATIONS.

Nothing adds more to the appearance and attractiveness of a house than if it is surrounded by a nice and well kept lawn, which everybody can afford to have at very little expense.

Lawn Grass can be sown at most any time during the year, as the seed is very hardy. The best time is, however, early, quarterly, or semi-annual, prepared the previous fall. By express or freight, not prepaid: qt., 15c.; peck, 80c.; bu. (20 lbs.), $3.00.

SHADY NOOK MIXTURE.—In many lawns where there are large shade trees there are shady places where ordinary mixtures thrive but poorly or die out altogether. For such spots we have a special mixture of grasses which will grow in the shade as well as in the sun. If you have shady, barren places in your lawn, try our Shady Nook Mixture. qt. prepaid, by mail, 35c.; express or freight, qt. 25c.; peck, 80b.; bu. 3.75.

Topeka, Kan., Gentlemen: With the Lawn Grass Mixture I bought of you last spring, I had the best success. The ground was well prepared before I sowed the seed. The seed came up quick and formed a firm and even mat of grasses in a very short time. The grasses are of such pretty dark green, velvety color. Although my lawn is only established since last spring, it is one of the best ones in the city. If people only knew how comparatively easy it is to make a lawn with your Lawn Grass Mixture they would not think of laying sod, which, although so expensive, is so uncertain.

H. C. BIRCH.

PARK LAWN GRASS MIXTURE.

For lawns of greater dimensions we recommend this as our best 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 to learn 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 deeply, withstanding severe droughts without turning yellow or brown, and will not grow in tufts or clumps. This mixture is unequalled for lawns, parks, tennis and croquet grounds. Three bushes should be sown per acre. Quart, postpaid, 25c.; 2 qts., 45c.; 4 qts., 85c. Per express or freight, not prepaid: qt., 15c.; peck (5 lbs.) 85c.; bu. (20 lbs.) $2.25.

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, being unaffected by drought very easily, and are always presenting the same green, velvety appearance. By express or freight, not prepaid: qt., 15c.; peck, 80c.; bu. (20 lbs.), $3.00.

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 deep-rooted the golf and tennis grounds established can withstand drought and heat without suffering. qt. prepaid, by mail, 30c.; express or freight, peck, 90c.; bu. of 20 lbs., $3.50; 5 bu. $14.50.

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. Prepaid, by mail, qt., 35c.; 2 qts., 65c.; by freight or express, pk., $1.00; bu., $3.50.

To beautify the surroundings of your home, some of our Hardy Ornamental shrubs, described on our novelty pages should be planted in a cost but little and add so much to the appearance and attractiveness of your lawn. These hardy ornamental shrubs require but little care and do not have to be renewed. We have listed a collection of the choicest, hardest and most desirable varieties on the novelty pages of this book.
MANGEL-WURZELS.

For Feeding Stock.

The value of Mangel-Wurzels for feeding stock cannot be overestimated, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows and the great saving in hay. They can be raised at a very trifling cost, and yield immense crops per acre, if the ground is rich.

Five or Six Pounds of Seed Required per Acre.

CULTURE.—Sow in drills 2 feet apart and about 2 inches apart in drills, thinning to 12 or 15 inches in the row. Long varieties are best suited to deep soil; globe sorts succeed better on light soils. They make a heavy growth, and if large quantities are grown it is best to have the rows wide enough apart to use a horse in cultivation.

THE IMPROVED MAMMOTH LONG RED MANGEL.—This is the best Long Red Mangel. It is enormously productive, yielding from 50 to 60 tons per acre, a single root often weighing from 25 to 35 pounds and more. They are of good and mass shape, of very fine texture and good quality, and though growing to immense size, are not coarse. They are easily harvested, as they grow well over the ground. We select only the largest roots of true type, and produce a superior strain of this valuable Mangel. Price, postpaid by mail: Pkt., 4c.; oz., 7c.; 1/4 lb., 12c.; 1 lb., 30c.; 4 lbs., $1.00; or freight: Lb., 22c.; 5 lbs., $1.00; 10 lbs., $1.80.

NEW GATE POST MANGEL.—We have found this a valuable Mangel, and it is our standard and main crop variety. We call the attention of growers of Mangels to it, and ask them to give it a trial this year. It is a yellow Tankard-shaped variety, and very massive and solid. Price, postpaid by mail: Pkt., 4c.; oz., 7c.; 1/4 lb., 12c.; 1 lb., 30c. By express or freight: Lb., 22c.; 5 lbs., $1.00.

GLOD GLOBE MANGEL.—An early variety, producing smooth globe-shaped roots; adapted to grow on shallow soil. Price, postpaid by mail: Pkt., 4c.; oz., 8c.; 1/4 lb., 13c.; 1 lb., 33c. By express or freight: Lb., 24c.; 5 lbs., $1.10.

CHAMPION YELLOW GLOBE.—For growing in shallow soil this is especially adapted. The roots are round or of globular form, and a large size. It is very productive, easy to pull, and an excellent keeper. Price, postpaid by mail: Pkt., 4c.; oz., 8c.; 1/4 lb., 13c.; 1 lb., 33c. By express or freight: Lb., 24c.; 5 lbs., $1.10.

SUGAR BEETS.

For Sugar-Making.

Although the yield of Sugar Beets is not as large as that of the Mangels they are of a superior quality, containing a large amount of saccharine matter. There is no crop where the quality of the seed used is of more importance than this. We have grown for us in the most skillful scientific way, seed of the Vilmorin's Improved and Klein Wanzleben, the two leading varieties now in cultivation in this country. It is only by the use of the best seed procurable, and with good culture, that best sugar making is profitable.

KLEIN WANZLEBEN.—Probably more widely grown than any other, and undoubtedly the best sort for general cultivation. It produces from 15 to 18 tons to the acre, and contains from 15 to 18 per cent of sugar. The root grows below the surface. Easier grown than any other variety. Price, postpaid by mail: Pkt., 4c.; oz., 8c.; 1/4 lb., 13c.; 1 lb., 33c. By express or freight: Lb., 24c.; 5 lbs., $1.10.

VILMORIN'S IMPROVED.—Although not quite so large as the Klein Wanzleben, it contains from 16 to 18 per cent of sugar. The green leaves are smooth-edged and spreading. The root grows below the surface. Price, postpaid by mail: Pkt., 4c.; oz., 8c.; 1/4 lb., 13c.; 1 lb., 33c. By express or freight: Lb., 25c.; 5 lbs., $1.25.

Write for special prices or larger quantities of Mangel and Sugar Beet Seed.

Guide Rock, Neb.—All seeds I bought of you last spring were very good. The Mangel-Wurzel seed especially has done splendid, for most of the Mangels weighed from 29 to 30 pounds each.

MAMMOTH Long Red.

GIANT HALF SUGAR MANGEL.

Grows more than half above the ground, with fine neck and large root. Enormously productive, easily pulled; an excellent keeper. This being a hybrid of a Mangel and a Sugar Beet, it is of the highest feeding value, and therefore preferable to Mangels for stock, while for sugar the below described varieties are best adapted. Price, postpaid by mail: Pkt., 4c.; oz., 7c.; 1/4 lb., 12c.; 1 lb., 30c.; 4 lbs., $1.00; or freight: Lb., 22c.; 5 lbs., $1.00; 10 lbs., $1.80.

MINNESOTA TANKARD MANGEL.

The Golden Tankard is considered the best Mangel grown, and our selected strain of this is superior to the Golden Tankard, and unequalled for yielding and feeding qualities. It is remarkable for its milk producing qualities, and for the rich, deep yellow color of the flesh, contains considerable sugar, and is very nutritious. Taking it altogether, our strain of this Mangel is a superior root, growing nice and even in shape. The growth is vigorous, it is easily hilled and produces enormous crops, and is an excellent keeper. With no specially selected ground, and good average cultivation, the yield will average 45 tons per acre, while with a little extra care in selecting and preparing the seed bed and a refit cultivation it will yield 60 to 70 tons per acre. Price, postpaid by mail: Pkt., 4c.; oz., 8c.; 1/4 lb., 13c.; 1 lb., 33c.; 4 lbs., $1.40. By express or freight: Lb., 24c.; 5 lbs., $1.25.

Hamilton, Mont.—The seed I purchased from you was all right in every respect. Every seed germinated, especially the Minnesota Tankard Mangel-Wurzel. From the 1 lb. of seed I harvested 11 wagon loads of roots, some of them measuring 18 to 18 inches in diameter. For dairy cows they are the cheapest feed that can be grown. The Minnesota Tankard would be a leader for you in this country if you could get it properly introduced. Its shape makes it so easy to harvest. It is an immense yielder and a first class keeper.

W. A. STEWART.
MILLET

Prices on Millet are subject to the changes of the market.

Nothing pays better for a stock raiser and dairy farmer than a few acres of Millet of some kind for it not only yields at least again as much hay per acre as Timothy and Clover, but is also of the greatest feeding value and milk-producing quality. The hay is a very fine quality and is much 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 hay, however, of about the same form as the Common Millet. It is used as a hay crop and as a catch crop. The hay is quite leafy and is excellent for stock. The seed costs 3c. each 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 excellent for hay. Of this seed about 8 pecks should be sown per acre. Price: 50c.; bu., $1.00; 2½ bu., $3.75. Sacks 32c. each extra.

HUNGARIAN MILLET.

No other variety is so well known and so much grown for hay as the Hungarian Millet. It is so valuable because it requires a short season to make a fine crop of the most nourishing milk-producing hay. On this account it is the best catch-crop when other crops fail to grow. This Millet is a heavy yields, 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. Large Pkt., 5c.; lb., 25c.; postpaid by mail. Not prepaid, lb., 10c.; pk., 5c.; bu., $1.60; 2½ bu., $3.75. Sacks 32c. each extra.

NEW SIBERIAN MILLET.

A good Millet, introduced several years ago from Russia, being an entirely distinct variety, and is of a beautiful mahogany color. The great advantage this early Millet has is over other varieties is its extreme earliness, as it 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 seed has formed. Large Pkt., 5c.; lb., 25c.; postpaid by mail. Not prepaid, lb., 10c.; pk., 5c.; bu., $1.60; 2½ bu., $3.75. Sacks 32c. each extra.

EARLY FORTUNE MILLET.

A new and entirely distinct variety of Millet. The seed is 2 or 3 times the size of German Millet and is of a beautiful mahogany color. The great advantage this Early Fortune Millet has over other varieties is its extreme earliness, as it 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 seed has formed. Large Pkt., 5c.; lb., 25c.; postpaid by mail. Not prepaid, lb., 15c.; 15 lbs., 50c.; 50 lbs., $3.25; 100 lbs., $1.00. Sacks 32c. each extra.

JAPANESE BARNYARD MILLET (Billion Dollar Grass)

Japanese Barnyard Millet is offered also by a certain seed dealer here in Wisconsin as the "Billion Dollar Grass" under the biggest misrepresentations. This variety of Millet was first grown in this country by Professor Brooks, of the Massachusetts Agricultural College, who brought it from Japan. It has proven to be a valuable and is highly recommended for the following reasons: It will grow 6 to 8 feet in height and will yield 15 to 25 tons per acre. This Millet may be sowed, fed green or cured into hay, and its feeding quality 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 16 pounds per acre or in drills, using 12 pounds of seed per acre. Large Pkt., 5c.; lb., 25c.; 15 lbs., 50c.; 50 lbs., $3.25; 100 lbs., $1.00. Sacks 32c. each extra.

PENCILARIA.

This wonderful fodder plant has proven a great boon to farmers, especially in dry sections of the country where they have been delighted with it. It does not do so well during wet seasons being particularly a dry, hot, weather plant. This Pennina is an improvement on the Penina Spina (Pearl Millet) being much better adapted for growing in the North and producing a good crop where the latter is a failure. The seed is very small, and when the millet first comes up it looks like grass, but very soon changes its appearance so that it is more nearly resembles corn, growing very rapidly and having broad, succulent leaves. It stands out wonderful, our customers reporting as many as 75 stalks grown from one seed. Sow in May or June in drills 24 to 30 inches apart, using 4 lbs. seed per acre or broadcast 15 lbs. per acre. Per pkt., 50c.; 1 lb., 25c.; 2 lbs., 50c.; 5 lbs., $1.00; 10 lbs., $2.00.
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. Oftentimes a value was obtained in the pasture, which has been fully realized by a great many farmers and stockraisers here in the Northwest during seasons of severe drought; and 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, so that you can have a good stock of it ready when 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 grow spring pigs up to 200 pounds weight by June when the old if fed on Rape. Late in the fall when most pastures are barren Dwarf Essex Rape yields a splendid food and will not hurt it any, and it is so well relished by all stock—sheep, hogs and cows alike—that as long as there is any laying about to be had it is worth having around.

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 grows to a height of 3 to 4 feet, and is so covered with small whorls of leaves, that the number of heads per plant is practically general attention. Its great merit is now beginning to be appreciated, and the demand is increasing about tenfold every year. It is profitably grown everywhere, from Manitoba to Missouri, 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 is greedily eaten by cattle, horses and hogs. As much as 50 tons of green fodder have been grown per acre, which is the highest feeding value, and milch cows will give more and richer milk than if fed other feed. It can be cut several times during the season if not allowed to get too high and make a good, sweet hay. Sow 50 lbs. per acre for best results. It is a profitable crop also to grow for the seed, which is excellent for feeding poultry. Large pkt., 5c; lb., 20c.; postpaid. Not prepaid: Lb., 10c.; 10 lbs., 85c.; 25 lbs., $2.00; 50 lbs., $3.50; 100 lbs., $6.50; 200 lbs., $12.50.

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 is superior to any cane syrup made from any other cane in the State. It is the only one of our Cane varieties that you will find that will bring a premium at the State Fair 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 that it is a pure article. Lb., 1c.; 10 lbs., 85c.; 25 lbs., $1.75; 50 lbs., $3.00; 100 lbs., $6.50.

SUGAR CANE OR SORGHUM FOR FODDER.

Notwithstanding its great adaptability as a feed for live stock, the real value of sorghum (or sugar cane) is its excellent feeding and raising value for the number of heads per plant. The seed can be sown early in April or any time thereafter till midsummer. Sow broadcast 3 lbs. per acre, or in drills, using 1 lb. per acre. Drilling is preferable, if drills are to be used, 10 to 15 inches apart. The plants will be ready to be cut hay in 75 days. Planting is much less trouble than feeding, and the seed is much less expensive. The sorghum is a marvelous plant for fodder. Large pkt., 5c; lb., 20c.; postpaid. Not prepaid: Lb., 30c.; 5 lbs., $1.25; 10 lbs., $2.25. Write for special price on large quantities.

KAFFIR CORN.

An excellent fodder plant, yielding two crops of fodder during a season. It grows from 4 to 5 feet high, making a straight, upright growth. The stem or stalk bears numerous wide leaves. The stalk breaks easily where the leaves are, and are therefore very valuable for feeding and making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. The seed crop is also heavy, sometimes yielding sixty bushels to the acre. If properly grown, in rows three feet apart, its great merit is now beginning to be appreciated. For fodder, sow one-half bushel to one bushel, either broadcast or in drills. Large pkt., 5c; lb., 20c.; 3 lbs., 50c; postpaid. Not prepaid: Pkt., 50c.; bu. (50 lbs.), $1.20; 2 bu. or more @ $1.40.

JERUSALEM CORN.

Claimed by many to be an improvement on Kaffir Corn, as it is a taller 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; seed white and nearly that. Five to six pounds will plant an acre in drills, 40 to 60 lbs. broadcast. Large pkt., 5c; pt., 15c; qt., 30c; postpaid. Not prepaid: Qt., 15c; 4 qts., 50c; pk., 90c.

MEXICAN CORN.

Highly valuable because of its certainty to produce heavy grains on poor, dry soil. The quantity of green fodder, for which stock shows a marked partiality, is enormous. The seed heads grow very large, producing a large quantity of grain, which is superior food for fowls. Cultivate same as corn; plant 4 to 6 lbs. per acre. Large pkt., 5c; lb., 20c; postpaid. Not prepaid: Lb., 10c.; 10 lbs., 85c.

BRAZILIAN FLOUR CORN.

The Kernels are pure white, and when ground into flour this is considered equal to the best wheat flour. These Kernels may be sown in the spring or fall and will produce a heavy crop. Large pkt., 5c; pt., 15c; qt., 30c; postpaid. Not prepaid: Qt., 15c; 4 qts., 50c; pk., 90c.

BRANCHING DOUBA.

Highly valuable because of its certainty to produce heavy yellow crops on poor, dry soil. The quantity of green fodder, for which stock shows a marked partiality, is enormous. The seed heads grow very large, producing a large quantity of grain, which is superior food for fowls. Cultivate same as corn; plant 6 to 8 lbs. per acre. Large pkt., 5c; lb., 20c; postpaid. Not prepaid: Lb., 10c.; 10 lbs., 85c.

SERADELLA OR CULTIVATED BIRDSFOOT.

For light, poor, or sandy soils Seradella is one of the best fodder plants. We know its great value, and urge its cultivation. It is a valuable variety for this climate, and is a more palatable plant in maturity. It is sown at the rate of 10 to 15 lbs. per acre, and can be sown either by itself, or in Winter Wheat or Rye in early spring, growing rapidly after the grain has been cut. It is very valuable for its growth on sand, on and around the ground, and for cutting for stock, and can be cultivated in all kinds of soil. For fodder, sow 50 lbs. to 100 lbs. per acre. Large pkt., 5c; lb., 10c; postpaid. Not prepaid: Lb., 10c.; 10 lbs., 85c.

Write for Special Prices on Larger Quantities of Rape and Sorghum.

Dear Friends—I wish you could have seen my Rape field last year. It made an excellent stand and it had not been for this Rape I would not have had enough Feed for my hundreds of hogs. This helped them along wonderfully.

Very truly yours, Peter Hage. Greene Co., Iowa.
FORAGE AND FODDER PLANTS.

CANADA FIELD PEAS (Yellow)—These are very valuable for fattening stock, but they can also be grown to the best advantage for other purposes. They are of the greatest value for fodder, either when the matured pease 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 no stock or dairy should be without them. Pkt. 5c; 1/2 lb. 10c; 1 lb. 25c; prepaid; not prepaid, quart, 20c; peck, $1.00; bu., $3.75.

IMPROVED NAVY OR BOSTON PEA BEAN—Ripens early, and yields immensely. Beans are small, white and delicious. Pkt. 5c; 1/2 lb. 10c; 1 lb. 25c; prepaid; not prepaid, quart, 20c; peck, $1.00; bu., $3.75.

TEOSINTLE (Hemn luxurians)—A forage plant that originated in Egypt, and which for number of years already has been grown successfully in the Southern States. It resembles corn somewhat in appearance, but the leaves are much longer and broader and contain sweeter sap.

The yield is so abundant that one plant is considered to be sufficient to feed a pair of cattle for 24 hours. It grows larger than any other forage plant, generally producing a stalk of 8 feet or more, as many as 70 to 80 stalks from one kernel of seed, and growing to a length of 11 feet. It can be cut when 2 or 3 feet high and used as a hay crop, or it can be left alone for growing. The amount of forage to be had in this way is immense; some estimates it at 300 tons per acre. Large Pkt. 10c; oz. 15c; 1/2 lb. 25c; 1 lb. 50c; 1 bushel 25c (sufficient for one acre), $1.75, by mail prepaid.

VETCHES.

GIANI SPURKY—Spurky is of great value for light or thin ground, and several years' experimenting at the Michigan Agricultural College has proven that it is the only plant which can be grown on poor, sandy, dry soil, and that will surely return a paying yield. Dr. Manley Stiles, of Lansing, Mich., calls it the clover of sandy soils, yielding 7,700 pounds per acre; and in another report to the Michigan Agricultural Station, he says: "The Spurky has shown wonderful productiveness. Its value as a manure plant on light sandy soils is pronounced. It seems to enrich the soil more rapidly than any other plants. It is readily killed by snows, and is used as hay in the winter."

Price, prepaid by mail; Oz. 5c; lb. 22c. By express or freight: Lb., 12c; 10 lbs. (for 1 acre), $1.00; 50 lbs. $4.75.
PRIMOST OR MINNESOTA No. 25 FLAX

Our Minnesota Experiment Station deserves 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 the "Primost" proved superior in every respect.

NEW RUSSIAN FLAX—In procuring Flax Seed attention should be paid that it be healthy and perfectly clean, as this is an important item. It is easier to grow good, clean and healthy seed of this variety at a very reasonable price.

NEW SILVER HULL BUCKWHEAT

This is a very thin-shelled Buckwheat of silky grey color. There are of a medium size and very solid. 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 very marketable.

NEW EVERGREEN BROOM CORN

The earliest Broom Corn known, maturing in about 75 days, and can therefore sometimes be planted as a catch crop after winter grain. Brush is fine and long, without center stalk. Large pkt., 5c.; lb., 25c.; 1 lb., 50c.; postpaid. By express or freight: 10 lbs., 50c.; 25 lbs., $1.10; 50 lbs., $2.20.

NEW EVERGREEN BROOM CORN—The best variety for general cultivation on account of color and quality of brush, which is of good length and always of green appearance when ripe, never getting red, and having no center stalk, which are remarkable points to broom corn raisers and manufacturers. Large pkt., 5c.; lb., 20c.; 1 lb., 50c.; postpaid. By express or freight: 10 lbs., 50c.; 25 lbs., $1.25; 50 lbs., $2.50.

LUPINS—One of the best plants known for reclaiming poor soil, particularly sandy and old, worn-out land. This plant is known for reclaiming land often called the "Sow of the Desert" or "Desert Reclaiomer." When foraged for it is very good for sheep. Lb., 20c.; postpaid. By express or freight: Lb., 10c.; 10 lbs., 50c.; 100 lbs., $5.00.

WHITE BEAUTY SUNFLOWER

Silver Hull Buckwheat.

SPRING RYE—This is mostly sown with Vetches and Oats for a mixed crop, but it can be sown also by itself, and is especially valuable as a catch crop when winter grain has been killed out.

AUSTRALIAN SALT BUSH—The many thousands of acres of alkali lands of the West may be made productive and profitable by planting this Bush. It flourishes where other forage plants and grasses will not grow, and furnishes enormous quantities of nutritious food for stock, remaining green all winter. Cattle, horses, sheep and swine eat it and thrive on it. Those plants grown on the worst alkali lands have reached a diameter of 16 feet in one season. It succeeds everywhere, and there seems to be no question but that it will in time eliminate alkali from the ground, thereby rendering it suitable for other crops. Prof. Tower states that its value to stock and poultry feeding is equal to that of Alfalfa. Large pkt., 5c.; oz., 20c.; lb., $1.25.

WHITE BEAUTY SUNFLOWER—A mammoth single-head Sunflower with pure snow-white seeds. This strikingly beautiful variety is not only the most beautiful, the most vigorous, as well as the most valuable for stock and poultry feeding, but is also one of the most profitable crop. Price: 1 lb., 35c. prepaid by mail. Not prepaid: 1 lb, 25c.; 5 lbs., $1.50; 10 lbs., $2.00.

PUMPKINS.

We place these among our field seeds as they should be grown in every farm field. Hundreds of kinds can be grown without any extra expense, as they need no tending further than what is needed in caring for the corn.

FIELD PUMPKINS—This is widely known as the Yankee Crow Pumpkin, and there is no variety that will do as well among the corn. Plant them on your richest corn land and you will be amply rewarded. Price: Per peck, 5 lbs., $1.15; 10 lbs., $2.00.

KENTUCKY FIELD or Sweet Pumpkins—These are the thick-skinned, sweet kind that are used for pies. They are extra good for stock also, but they do not always thrive well in corn. A patch of them should be planted by themselves, and they will prove to be the most profitable crop. Price: Per peck, 5 lbs., $1.15; 10 lbs., $2.00.

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 per lb., prepaid, 35c.; not prepaid, 25c.
A Field of our Minnesota 169 Blue Stem Wheat.

IMPROVED HARDY NORTHERN GROWN SEED GRAIN.

Farmers look at their pursuit in agriculture more from a business-like standpoint than they did in former years, and good judgment, 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, for "as ye sow, so shall ye reap." If 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. If, on the other hand, good and Hardy Northern-Grown Seed Grain is procured every few years, a large 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 productivity.

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 Minn. Experiment Station, and, like the Minnesota 163 Fire 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 affected 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 of all the spring Wheat varieties the Minnesota 169 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: Peck, 50c.; bu., $1.70; 2½ bu., $4.20; 5 bu., $8.25; 10 bu., $16.00; sacks included.

PEDIGREE BLUE STEM WHEAT.

This is a 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, healthy growth and great 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 old wheat sown right alongside, 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: Peck, 50c.; bu., $1.70; 2½ bu., $4.20; 5 bu., $8.25; 10 bu., $16.00; sacks included.
Velvet Chaff or Blue Stem Wheat.

This is the old, original Blue Stem Wheat, introduced many years ago, and being an old standard variety, it is still quite reliable. It is not always pure a variety of Blue Stem as the Pedigree and the Minnesota No. 163, but is still a most reliable yielder, always producing a very crop.

Peck, 40c.; bu., $1.65; 2/5 bu., $3.85; 5 bu., $7.50; sacks included.

Minnesota 163 Fife Wheat.

Professor Hays, formerly of the State University at St. Anthony Park Minn., originated this Wheat, and a special bulletin, issued by the Letter of the Department of Agriculture in 1905, describes the history of it. In comparison with the old standard varieties of Wheat, the Minnesota No. 163 is far ahead in every respect, in yield as well as quality, the berry larger and containing quite an amount of gluten. It is superior to many Wheat with new life, vigor and vitality, growing hands almost as large as the old, common Fife Wheat, and also producing as much as that.

The Minnesota No. 163 yields well, grades well, weighs well, and, on account of being such a vigorous grower, is less subject to rust and blight than other varieties. It grows a stiffer straw than other kinds, and stands up well when other varieties lodge on account of unfavorable conditions. We have secured our seed stock directly from the Experiment Station, at different times, and do not allow this Wheat to be mixed and clean and pure, so that our seed Wheat of Minnesota No. 163 is true to name, and sure to please everybody.

Peck, 50c.; bu., $1.70; 2 1/2 bu., $4.25; 5 bu., and more, $1.60 per bu.; sacks included.

"The No. 163 Wheat is an excellent variety, and from the one acre sewn to this variety I threshed 24 bushels. I would have harvested a much larger crop, but early in the Spring the conditions of the weather were very unfavorable, it being very wet." Yours truly.

August Kosak.

Saskatchewan Fife Spring Wheat.

Its greatest point of excellence is the hard and flinty kernels, whereby it is recognized as the best milling Wheat in every country and of Europe, and is known everywhere as the true No. 1 HARD WHEAT.

Peck, 40c.; bu., $1.60; 2 1/2 bu., $3.85; 5 bu., and more, $1.50 per bu.; sacks included.

Bearded Fife Winter Wheat.

Like all extremely hardy varieties of grain, the Bearded Fife Winter Wheat which we offer originated in Russia. This Wheat we introduced here in the Northwest fifteen years ago, and have raised it quite successfully ever since. We have not only grown and tested it ourselves, under all conditions imaginable, but it has been tried by other farmers, as well as by nearly all the different Experiment Stations here in the Northwest. In the report of the Iowa Experiment Station, the Bearded Fife was placed at the head of the list of all the Wheat varieties, producing the enormous yield of 55 bushels per acre, about twice as much as most other varieties while at the Minnesota Experiment Station, it yields to the front with a yield of 45 bushels per acre. Everybody has to admit that a Winter Wheat producing such large yields here in the Northwest, where the circumstances for its growth are most unfavorable, must produce the most magnificent crops in the regular Winter Wheat growing sections.

The Bearded Fife is the only hard Winter Wheat which equals the well-known No. 1 Hard Fife Spring Wheat, and always sells at the same price as this, while common soft Winter Wheat generally sells for 5 to 6 cents per bushel less.

Peck, 50c.; bu., $1.60; 2 1/2 bu., and more, $1.50 per bu.; sacks included.

Canadian Chief Spring Wheat.

This new Wheat is of the Blue Stem family, but on account of having been originated in Canada, in the extreme North, it outrivals all other Blue Stem varieties in hardiness, productiveness and to superior milling qualities. It has been grown with almost care from a small quantity of parent stock procured a few years ago especially for its purity, regardless of its very high cost.

The Canadian Chief is a very productive wheat, and on its strong, stiff straw develops heads of unusual size. The kernels are plump and of very good quality. It is well protected by its heavy chaff, is almost rust and blight proof. That it must be entirely free from disease is demonstrated by the fact that it has yielded 42 bushels per acre with us. The great vigor of the Canadian Chief and the well developed plants insures such enormous crops.

Pound prepaid by mail 25c.; peck 60c.; bu., $1.85; 2 1/2 bu., $4.50; 5 bu., and more, $1.75 per bushel; sacks included.

Macaroni Wheat. (Triticum Durum.)

The experiments made with Macaroni Wheat, imported by our Agricultural Department at Washington, D. C., from Russia in 1901 and 1902, have met with the most marvelous success, and it has already proven a big money maker to farmers in North and South Dakota, Minnesota and Montana.

In only a few sections Macaroni Wheat sells for less than the ordinary, on account of some dealers and mills trying to keep the price down, but it is in great demand at the mills in New York, Boston, Chicago, St. Louis, and Minnesota. The flour is manufactured for macaroni, spaghetti, vermicelli and other pastes. Until two or three years ago these mills have been compelled to import their Wheat and pay a duty upon it, on top of the transportation charges. The North and South Dakota farmers enjoy the advantage of this protection.

The grains are very hard and glossy, often translucent, yellowish-white in color, occasionally inclining to a reddish color, and rather large. It grows rather tall, with broad, smooth leaves of a peculiar whitish color. The heads are compactly formed and are bearded. In our Northern and Northwestern States, Macaroni Wheat should be sown the Spring. Where the winters are mild, it can be sown the Fall to the advantage of this country (Kansas and further south), it can be grown to the best advantage as Winter Wheat. The grain being very large and not stoning very heavily, 1/4 to 2 bushels of seed are required per acre.

Pound prepaid by mail 15c.; peck, 50c.; bu., $1.60; 2 1/2 bu., $3.85; 5 bu., and more, $1.50 per bushel; sacks included.

Spelt or Spalz. (Triticum Spelta.)

This grain is largely grown in some parts of Europe, especially in Southern Germany, Switzerland, Belgium and Austria. It is closely related to Wheat, the kernels, however, are a little smaller in size, and these adhere to the grain when it is threshed. In sections of Germany where Spelt is largely grown, the hulls are separated from the kernels by special equipment, and the meal is much richer in the coarse bran than in wheat, and makes a better bread than Wheat. Spelt is now successfully grown also in this country for feeding purposes, being a heavy yeilder, and producing large crops on land too rich for oats and also where wheat will not do well any more. The straw is very stiff and does not lodge easily. It can be fed the same as oats, and makes a splendid horse feed.

Pkt., 5c.; Oz., 15c.; bu., small prepaid by freight; peck 40c.; (40 lbs.) $1.15; 2 1/2 bu., $2.85; 5 bu., and more, $1.10 per bushel; sacks included.

For description and prices of Spring Rye see page 20.
The "NEW ROOSEVELT" OATS.

The New Roosevelt Oats we offer herewith to our patrons for the first time. They are the product of hybridizing one of our best standard varieties with an imported Oat, renowned chiefly for its great productiveness and stiffness of straw. For the latter, it is claimed by the introducer that it produces immense yields even on low and swampy ground on which ordinary Oats fails entirely. Crossing our giant, Canadian Oats, which have been so far, in our estimation, the best Oats ever offered, we have fully accomplished our aim in view, i.e., produced a variety that eludes everything hitherto offered in the Oat line, for which reason we have named this new variety. They are the strongest root formation, producing very heavy, stiff straw and an abundant growth of straw-bales of nearly double the size of most Oats, which proves the great vigor, as well as the wonderful productiveness of these Oats. Their heads are long and well branched, and are heavily laden with nice, white, plump kernels which have a very thin shell. The grain is very heavy, weighing from 42 to 50 pounds per measured bushel.

$500.00 | $200.00 FOR THE LARGEST YIELD. | $5.00 FOR THE 5th LARGEST YIELD.  
$200.00 FOR THE 2nd LARGEST YIELD. | FOR THE 6th LARGEST YIELD.  
$ 60.00 FOR THE 4th LARGEST YIELD. | FOR THE 7th LARGEST YIELD.  
In CASH

To introduce these grand new Oats, $500.00 IN CASH will be given for the largest average yield obtained from each bushel of Oats sown. Prizes will be awarded as per list and conditions given below.

Conditions of Competition.

The Oats must be purchased direct from us or our agents, in bags fastened with a leaden seal, bearing the word "Roosevelt." None other are genuine.

Each bag contains a numbered blank which should be preserved until after harvest and threshing of the Oats, at which time those desiring to compete for the prizes must fill out these certificates, as to date of sowing, yield, etc., and return to us in the bag, as before mentioned. Prizes will be awarded by a committee of disinterested gentlemen.

"Regenerated" Swedish Select Oats.

This is a "Cross Bred" of the Swedish Select Oats described above, and is now introduced for general sale after being approved by public trials at the leading American, Canadian and European Experiment Stations. The Regenerated Swedish Select Oats possesses all the good qualities of the old Swedish or Wisconsin No. 4 Oats in a still higher degree than its parent, sturdier, heavier, growing more vigorously, and its most important feature being that it yields at least one-quarter more than this. The grain, which is very thin-hulled, is almost as heavy as that of the Roosevelt Oats, weighing from 45 to 50 lbs. per measured bushel.

Price: Lb. postpaid 20c; not prepaid, peck 60c. bu. $1.75, 2 1/2 bu. $4.60, 5 bu. $7.50. 10 bu. $22.00, sacks included.

New Sixty Day Oat.

The original seed of this valuable new Oats was secured in Russia by the U.S. Department of Agriculture in the South Dakota Experiment Station, that Institution in its Bulletin No. 99 makes the following report:

"With only two exceptions, every farmer to whom we have sold this Oats is still growing it and is much pleased with it. It is similar to the Kerhon Oats, which has been a marked success in Nebraska, but it is adapted to a section farther north than that variety. In North Dakota the Sixty Day Oat has headed the list of varieties under trial for the last three years. It is a small, yellowish Oat that weighs about 31 pounds per bushel. The hull is very thin, being easily shelled off in threshing if the concaves are set too close." Price: Lb. postpaid 20c; not prepaid, peck 60c. bu. $1.35, 2 1/2 bu. $4.15, 5 bu. and more, at $1.10 per bushel, sacks included.

"Regenerated" Swedish Oats.
CANADIAN GIANT OATS.

These are the kind to grow for sure cropping, heavy, plump grains with the largest per cent of meat and a small per cent of hull, and stiff straw that will save the crop until harvested. Being originated in Canada, they are extremely hardy and of vigorous growth, so that neither drought nor excessive moisture will affect them as much as other varieties. They yield under ordinary cultivation from 75 to over 100 bushels per acre. The grain is large, white, plump, with thick hull, weighing 80 pounds per bushel with ordinary threshing clearance. On account of the large per cent of meat, these oats are of much greater feeding value than most other kinds, and are well suited for oat-meat and other oat products.

Our CANADIAN GIANT OATS surpass all others in heavy straw, thin hull, stiffness of straw, and what is most important, also in heavy yields. In short, they are the most profitable for farmers to grow and merchants to handle. They are even and medium early, and notwithstanding that the straw is of fair length, bearing very large heads filled completely with the plump grains, almost as heavy as wheat, they stand up stiff and straight until fully matured.

The price is low enough so that you can sow a good field with them.

Peck, 4 1/2 bu., $1.40; 2 1/2 bu., $3.35; 5 bu., $5.00; 10 bu., $12.50; sacks included.

"Last Spring I ordered some Canadian Giant Oats from you and I have found it to be the best and the heaviest yielding variety that I have had so far. 'From the Seed I received, two and one-half bushels. I harvested ninety-one bushels."

Theo. A. Ruge.

EARLY CHAMPION OATS.

This grand standard variety, which was introduced in 1898, has given excellent satisfaction ever since. It produced the largest yield per acre in the test at the Iowa Agricultural College, and is highly recommended by them. Has comparatively short straw, matures a week to ten 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 sow with grass seed, as it does not stool as freely as some other sorts. Will not lodge on rich land. Henry Wallace, editor Wallace's Farmer, says: "I would rather risk sowing grass seed with them than any other variety I know of."

Peck, 35c.; bu., $1.20; 2 1/2 bu., $2.75; 5 bu., $5.25; 10 bu., $10.00; sacks included.

SILVER MINE OATS.

This is a very hardy and prolific variety with long but stiff straw, and grain of the richest white color, without any dark kernels whatsoever. It will grow and thrive under the most unfavorable conditions of soil and climate, and is always a sure cropper. It can be sown on very rich and well-matured soil without danger of lodging. While a great many oat fields lodge badly through heavy rain storms and excessive wet weather, the Silver Mine always stand up without crumbling.

Peck, 35c.; bu., $1.10; 2 1/2 bu., $2.50; 5 bu., $5.00; 10 bu., and more, 90c. per bu., sacks included.

LINCOLN OATS.

This is an early White Oats with strong, stiff straw, and medium sized, thin-shelled grain. There is hardly another variety of Oats that was formerly so renowned as the Lincoln. We have kept them up in their original purity and vigor, the same as all the other standard varieties of Oats possessing special merits, and are in a position to offer them true to label to our patrons.

Peck, 35c.; bu., $1.10; 2 1/2 bu., $2.00; 5 bu., $5.00; 10 bu., and more, 90c. per bu., sacks included.

AMERICAN BANNER OATS.

Another standard and well-known variety of Oats, renowned for its earliness, stiffness of straw and large yields. The grain is white, large and plump, and ripens earlier. It stands perfectly and gives a larger number of stems than other varieties, for which reason it can be sown thinner.

Peck, 35c.; bu., $1.10; 2 1/2 bu., $2.00; 5 bu., $5.00; 10 bu., and more, 90c. per bu., sacks included.

WHITE SHONEN OATS.

This is one of the handsomest White Oats introduced. The kernels are of a pretty, white color, plump and heavy, and do not run out to a long point. Prof. W. A. Henry, of the Wisconsin Experiment Station, says of it: "It has stiffness of straw and length of stalk that I have ever seen in Oats." We have raised these Oats here in Minnesota now for the past thirteen consecutive years, and they have but once yielded less than 80 bushels per acre, although we have had several unfavorable years for raising oats; when other varieties did not yield more than half a crop, White Shonen hardly ever suffered. We pay the greatest attention to our Seed Oats, and know that the seed we offer is the pure and true White Shonen.

Peck, 35c.; bu., $1.20; 2 1/2 bu., $2.75; 5 bu., $5.25; 10 bu., and more, $1.00 per bu., sacks included.

"Last Spring I procured my seeds from you, the same as usual, and now can inform you that I threshed, from the 1 1/2 bushels of Canadian Giant Oats, 80 bu. machine measure, which was over 100 bu. by weight. It was the only Oats that ever produced such a yield here in this section. The consequence is that nearly everybody wants to buy Seed Oats of me, while I need most of it myself. Your Seed Coen proved to be just as satisfactory, although maturing quite early it produced a very large yield."

L. R. Lucas.
Improved White Russian Oats

This is an old standard variety and hardly needs a description. It is quite distinct from other kinds of Oats on account of being a shade, or a mane Oats. Years ago, when first introduced, this used to be a very late Oats, but since it has become thoroughly acclimated, it is not more than a week later than our earliest varieties. It is one of the most productive kinds ever offered. It is very prolific and under ordinary cultivation will yield 100 bushels per acre. This Oats is extremely hardy, enduring the cold and sometimes rather unfavorable climate of our North West without suffering, and is entirely rust and smut proof. In berry it is longer and larger than other varieties. It is especially adapted for sowing with wheat for succulence, ripening well together with the Blue Stem. On account of its long berry it can be easily separated from wheat.

Peck 35c. bu. $1.10, 5 bu. $2.60, 5 bu. $5.00, 10 bu. and more, 90c per bushel, sacks included.

Gentlemen: "I wish to inform you of the very good results I had with the White Russian Oats and Pedigree Blue Stem Wheat bought of you. My neighbors were astonished at both my fields, being so stately and free from rust, and they intend to send you their orders." Christ Fink, Franklin Co., Iowa.

New Oat University No. 6

The Minnesota State Experiment Station has for some years been breeding new varieties of Oats and the variety here offered is University No. 6 is its Record Breaker for yield. Side by side with other testing sorts in the tests, made under the direction of the Agriculturalist at the Minnesota State Farm (the tests covering a period of eight years), it has proven the most productive variety grown there. It is a White Oat, very early, very heavy and a great yielder; we look for a great future for this Grand New Oat.

Bu. $1.15, 2½ bu. $2.70, 5 bu. $5.25, 10 bu. and more, $1.00 per bu., sacks included.

Big Four Oats.

This is a very handsome and heavy White Oats of great productivity, resembling the old and well-known Race Horse Oats in every respect. The same as the latter so is also the Big Four Oats not well adapted for soil that is naturally rich or well manured, as its straw is not in proportion to its large, branching and well filled heads, and is very much inclined to lodging on ordinary soil. The Big Four Oats yellow, and produce wonderful yields. Its introducer claims crops of over a hundred and fifty bushels per acre from it.

Peck 40c. bushel $1.15, 2½ bushel $2.69, 5 bu. $5.25, sacks included.

Wisconsin No. 4 or Swedish Oats.

This new Oat originated in Sweden, from where it was imported into Russia, and the original seed was brought from Russia to this country in 1880 by Prof. Catlenton, of the U. S. Dept. of Agriculture. The next year the Wisconsin Experiment Station secured these Oats from Washington, D. C., with several other varieties, for trial. They have been grown on the University plots for four years under the supervision of Prof. R. A. Moore, and during all that time have been carefully tested and compared with thirty-six other varieties. Prof. Moore says:

"We have found them the most satisfactory of all varieties tested. On the experiments at the Oats yielded exceptionally well, having a stiff straw, light hull and weighing 30 to 40 pounds per measured bushel. The Swedish Select Oats (Wisconsin No. 4) seem 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 variety tested. The straw is coarse and is noted for its stiffness and power to withstand lodging."

We have tested these Oats under entirely different conditions than described by Prof. Moore, by sowing 50 bushels of them on one of our farms, on good, rich, well manured prairie soil, where we hardly have ventured to sow other varieties for fear of lodging. The result was simply gratifying, for the Oats not only stood up well, but yielded the big crop of 54 bushels by machine measure, and 106 bushels by weight, per acre. The Oats were not sown with all, nor did we see any smut in them. The heads were large and branching and loaded with big, plump, thin-hulled and bright grain. We are convinced, that every farmer will be as well pleased with them as we are.

Peck 40c. bushel $1.40, 2½ bushel $2.43, 5 bu. $6.80, 10 bu. $12.50, sacks included. On larger quantities please write for prices.

South Germanstown, Wisconsin.

Gentlemen: "The Swedish Oats and Altfalla I received from you last year proved first class in every respect." Yours truly.

John Hays.

Metcalf, Wyoming.

Dear Sirs: "Received your shipment of Oats today. Those Wisconsin No. 4 Oats are really the finest and cleanest I ever saw." Yours truly.

C. A. Smith.

New Kherson Oats.

One of the earliest Oats in cultivation. It was introduced by the Experiment Station of Nebraska, and has proved a success in that state, being naturally adapted to sections that are subject to drought. The plant is a vigorous but not a rank grower. Its straw is short, and if sown on the same land with other Oats, it will be the shortest. The leaves are very broad and expose a large surface. The berries are spreading. i. e., it is not a spike Oat. The berries are light yellow in color, small, but numerous, and have a very thin hull. These Oats usually weight well per bushel, and in this respect, as well as in productivity, they are honored with the best of the early varieties.

Peck 35c. bu. $1.20, $2½ bu. $2.75, 5 bu., and more, $1.00 per bu.

Wisconsin No. 4, or Swedish Oats.
Mandscheuri Barley.

This grand Barley was introduced from Asia by the Ontario Agricultural College several years ago, and is, beyond doubt, one of the most valuable varieties ever introduced into this country, greatly out-yielding the once justly renowned Hulless barley. It is an early-grown variety, maturing in 80 to 90 days from the time of sowing, and is adapted to all kinds of soil and climate; is very strong-stemmed, stooks well, and bears large and 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 many 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. A good malting Barley always sells for at least 10 to 15 cents more than such as is discolored and which can only be used for feeding purposes. By growing the Mandscheuri, instead of some common variety, one can quite easily gain from $5 to $10 per acre. Peck 40c, bu. $1.45, 2½ bu. $3.50, 3 bu. $5.50, 4 bu., and more, $1.25 per bu., sacks included.

Oderbrucker or Wisconsin No. 55 Barley.

Wisconsin is a great barley state and not only enjoys the honor of having the largest beer-brewing institutions of the United States, if not of the World, but also of having developed and sent out through its Experiment Station the most famous and valuable varieties of Barley so far introduced. Now, we offer a new kind, which is also introduced by the Wisconsin Experimental Station and which Prof. Moore declares to be superior even to the Mandscheuri, yielding 5 to 10 bushels more per acre. The original stock of this Barley was obtained from Germany by the Oderbrucker Agricultural College, from where the Wisconsin Experiment Station procured a small supply, and after having been carefully tested by them and found to be of supreme merit, it has been generally introduced.

Oderbrucker is a stiff-strawed, heavy-yielding, 6-rowed, bearded variety, 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 varieties on the market. 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 approximating more and more the value of barley as a feed for all kinds of stock, horses as well as cattle. On account of its large percentage of protein, it is also one of the most superior malting barleys. Peck 50c, bu. $1.50, 2½ bu. $3.65, 3 bu. $7.00, 4 bu., and more, $1.35 per bu., sacks included.

Success Beardless Barley.

This is a new 6-rowed Barley, and, as the name indicates, without beards, which is the most valuable improvement ever made on barley. It is a vigorous grower, producing strong, short strawed, and heavy, well filled heads. 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 yielded 30 bushels per acre in favorable seasons, and regard to yield, 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. This 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 Beardless Hubless Barley, which is described below and in which the ears are still growing after the heads are cut off. Ever since this grand new Barley was introduced, there has been such a demand for it that we were always short in supplying our trade, and we anticipate another great rush for it this year. Peck 50c, bu. $1.60, 2½ bu. $3.25, 3 bu. and more, $1.45 per bushel, sacks included.

White Huless Barley.

Also known as "Ideal" and "Giants Huless," 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 the Black Barley, and are the proudest, plump and oval-shaped white grain in cultivation. It is not a malting barley, but can be used for feeding only, having too equal a fatting feed for hogs, and making seawater meat and rice, and thus when used as a feed meal, it is an economical and valuable one. However, this variety is a great favorite for filling heavy feeders, and can be sown after all other grains is sown, and will then mature before wheat or oats. It can be grown on heavy, but this Barley is early enough can be cut twice, making two good crops of hay in one year. Peck 50c, bu. $1.65, 2 bu. and more, $1.60 per bushel, sacks included.

Black Huless Barley.

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 the answer is found in Black Huless. This little known variety will produce, for it is a extra heavy yielder, producing 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 mule-producing as Black Barley, and for fattening hogs its value is also inestimable. 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 prolonged droughts, and is therefore the best grain for drought-stricken sections. The grain is huskless, very plump and heavy, and of a pretty bluish-black color. Peck 50c, bu. $1.60, 2 bu. and more, $1.50 per bushel, sacks included.
PEDIGREED and RELIABLE NORTHERN GROWN SEED CORN.

With no other farm product does the crop depend so much upon the nature of the Seed as with Corn. It is not only a matter of germination, but the greatest importance is its vigor and vitality produced only by most careful and scientific breeding in a northern climate. The germinating part of ordinary Seed Corn may be entirely satisfactory, but on account of not having been bred up to a point of perfection, it produces so many barren stalks and imperfect ears that the crop is far below the average. The most important feature in Seed Corn is that every stalk produced should mature a good-sized, perfect ear. If this is accomplished the yield of our Corn crops will be up to the highest notch. That there is every chance to increase the yield of the Corn crop, in general, will be readily realized by looking over the statistics of our Agricultural Department, according to which the average yield of Corn in the U. S. was only 23 bu. per acre last year, which is not even one half of an average crop. By close observation we find that an ordinary field of Corn produces at least 20 to 25 per cent. of barren stalks, besides ever so many imperfect ears and nobbins. We are not at all puzzled that the average yield of Corn is so insignificant. This is the result of using poor Seed Corn, i.e., however, carefully bred Seed Corn is planted, of which every kernel produces a stalk and every stalk develops an ear of good average size.

Many of our customers wrote us that with them our Seed Corn yielded 85 to 120 bu. per acre, while Corn raised from their own home Seed produced not more than one-half as much. The price of good, well-bred Seed Corn is, accordingly, ordered, from $1.75 to $3.00 per bu., which means an outlay of 25 to 45 cents per acre. If our Seed Corn produces an increase of only 15 bu. per acre more than your own Seed, there would be a net gain at least of $6.00 per acre. As most of our patrons who procured Seed Corn from us have increased their yields thereby, from 20 to 40 bu. per acre, it is self-evident that the investment was very profitable one. It is also plainly demonstrated that this increase in yield was not a matter of soil and good cultivation, but is the result of planting our high bred Seed Corn.

To produce first-class, typical Seed Corn it requires, in the first place, a good location with soil that is rich and warm and naturally adapted for growing Corn as well as maturing it, even under unfavorable circumstances. Besides the naturally favorable soil condition, the most important feature for producing really perfect and pedigreed Seed Corn is scientific breeding. This cannot be done in one year, but it requires years and the most exact and painstaking methods to accomplish anything in this line.

The pedigreed Seed Corn is the result of single ears possessing special merit of both stalk and grain. With each ear one row is planted, and to prevent inbreeding one-half of each row is detasseled, one end of all odd rows and the other end of all even rows. The breeding ears are selected from the best of champion breeding rows producing the greatest amount of Corn per stalk, and only from the detasseled plants, while ears from the other plants are not used for Seed Corn. They are also chosen from stalks standing up well at harvest time and producing a perfect ear. There is no kind of improving results in a selection that in time will eliminate non-productive or barren plants and preserve only those which impart the power to produce the largest yields. We continue this method of Corn-breeding from year to year and thereby not only keep up the high standard of our Seed Corn but also bring it to the highest point of perfection.

MINNESOTA-GROWN IOWA GOLD MINE.

This is a well-known and standard variety of Corn, one of the best known grown in Iowa years ago. Since we have raised this elegant variety here in Minnesota for the last 10 years, it has become so thoroughly acclimated that it matures here at least 2 weeks earlier than when first introduced from Iowa, where it was originated. It is one of the most profitable Dent Corn varieties to grow here in the Northwest, ripening in 90 to 95 days. The ears are of good size and symmetrical, of a bright golden yellow color, and as handsome as a $50 gold coin just from the mint; grain is very deep and cob small, therefore drying out very quickly as soon as ripe. Seventy pounds of ear Corn makes 60 to 64 lbs. shell Corn, and in hauling to market it weighs 5 bushels more to the wagon load than common varieties.

Price: Qt., 75c.; peck, $1.00; 2 bu., and more at $2.00. By mail, postpaid: Pkt., 5c.; lb., 18c.; qt., 30c.

"FARIBAULT JEWELL" CORN.

We consider this Corn one of our best and most valuable introductions, which will be of the greatest benefit to every farmer interested in Corn growing.

Thru years of careful breeding we have produced a Corn that has the two most important requisites of Corn, earliness and great productiveness, combined. In this Corn we have established a very distinct type and the most uniformly shaped ears, which are perfect in every respect. They are deep rowed, the perfectly shaped ears taper to a point at one side, and the thin rowed ears are of the same size and well filled over the top with deep, large kernels of orange yellow color. This Corn, on account of producing such large ears, matures much sooner than any other. The Corn being bred off right from the start, is unexcelled in productiveness. In three different locations and on as many kinds of soil-rich black prairie land, warm, sandy bottom and newly cleared timber land—yielding 100 bushels per acre. Altogether the stalks are of medium height, this Corn produces a large amount of fine fodder, as it is so very leafy and as a crop is made to the top. We call this "Faribault Jewell" Corn matures in 90-95 days of good Corn growing weather. Altho we had very unfavorable Corn growing seasons during 1914 and 1915, it matured well, and last year the results from this Corn were the best ever grown in this State with regard to earliness as well as productiveness.

We have a limited supply of the "Faribault Jewell"-type and orders for this should be sent as soon as possible.

Price: Large sized packet, 10c.; qt., 50c.; sample ear, 50c., prepaid. Not prepaid: Sample ear, 20c.; qt., 35c.; pk., 50c.; bu., $1.25; 2 bu., and more at $3.00 per bu.

RICE COUNTY MAMMOTH YELLOW DENT CORN.

As its name indicates this is a very large-eared Yellow Dent Corn, which is of wondrous productiveness. It is the product of crossing an extremely early northern variety with a heavy yielding and later maturing kind, mainly grown in the Corn belt, the earlier Minnesota grown variety having been used for mother-ears. That our efforts have been crowned with the best of success is fully proven by this elegant variety of Seed Corn that we now offer our patrons. On account of having produced it here in Rice Co., and the ears being of such enormous size, we have named it Rice Co. Mammoth. In type it resembles the Iowa Gold Mine somewhat, but the ears are much longer and taper to a point at one side. Altogether the Corn resembles pointed like those of the Gold Mine, for which reason it is much easier to husk by hand than this. The ears average 18 inches in length and are of a decidedly handsome appearance. They are neatly packed closely crowded upon a thin red cob, completely covering the tip end. Please notice the accompanying photograph of our Rice Co. Mammoth Corn. Its very type expresses good breeding and does not fail to meet the earliness for this Corn, nor do we recommend its planting much further north than varieties of Corn not, unless it be for smaller quantities for trial. It matures about 10-12 days later than our Faribault Jewell Corn, but by continued breeding for earliness, we do not hesitate to claim that it will in a few years mature in the latitudes more usually planted with Mammoth Corn. As long as our limited stock of this Corn lasts, we offer it at the following prices:

Large-sized package, 10c.; sample ear, 30c.; qt., 50c.; prepaid by mail. Not prepaid: Sample ear, 20c.; qt., 35c.; pk., 50c.; bu., $1.25; 2 bu., and more at $3.00 per bu.

It affords me pleasure to inform you that the Seed Corn which I bought of you last spring produces the best crop of Corn I ever raised. From 2½ bushels of Seed Corn planted I raised 1400 bushels of fine, large-eared and sound Corn. Yours truly, Louis Christensen, Wanda, Minn.
MINNESOTA WHITE DENT CORN.

This is an extra early White Dent Corn, maturing just as early as the Pride of the North or Queen of the Prairie, and bearing the brunt of the crop in Minnesota and the Dakotas. It has always been a very popular variety, and is well adapted to the soil and climate of this region. It is a very handsome and hardy variety, and is one of the best for hay and for general use. The stalks are strong and heavy, and the ears are large and filled with kernels. The yield is very good, and the corn is very desirable for grain or for fodder. Prepaid: Quot, 15c.; peck, 50c.; bu., $3.00; 2 bu. and more at $2.50; sacks included. Prepaid by mail: Pkt, 5c.; 1 lb., 10c.; 4 lbs., 25c.; 10 lbs., 35c.

WELL SELECTED SEED CORN ON THE EAR, PER BU. (70 LBS.), $2.75.

MINEOTA'S IDEAL CORN.

This is a most valuable early variety for our Northwest, and was originated by us several years ago. We claim, and all our customers who have grown it the past two years can prove, that the Minnesota Ideal is the hardiest and most reliable of the white Dent Corns. It is produced within 85 days, and produces just as much, if not more, than other varieties in the same locality. Reliability is stamped upon every feature of this Corn. It is such a strong grower and produces a crop that is of a very distinct type, as our cut indicates, the ears being symmetrically formed, long, straight and tapering to a point at once. The grain is of medium depth, compact and heavy, and the cob is long, filled with kernels. The stalks grow only 7 to 8 feet in height, are short-jointed and produce an abundance of fine fodder. Prepaid by mail: Qt, 15c.; By freight or express: Qt, 25c.; peck, 50c.; bu., $3.00; 2 bu. and more at $3.50.

PRIDE OF THE NORTH, OR QUEEN OF THE PRAIRIE.

Although this is an old standard variety, having been originated here in the Northwest over twenty years ago, it is a difficult matter to replace it by other early maturing kinds, as it is the earliest of all Yellow Dent Corns and is not yielded more than the maturing here in Minnesota in 80 days, and even ripening in this northern latitude if planted as late as the 1st of June. The ears are 8 to 9 inches long, with small cobs and very long and deep kernels which are of a very uniform bright orange color. Seventy pounds of ears will make 60 pounds of shelled corn. The stalks grow only a medium height, and are very leafy.

Not prepaid: Quot, 15c.; peck, 50c.; bu., $3.00; 2 bu. and more at $2.50; per bu. Prepaid by mail: Pkt, 5c.; 1 lb., 10c.; quart, 35c.

IOWA SILVER MINE.

A standard variety of White Dent Corn, which is remarkable for its large yields. In Scott county, Iowa, 215 bushels of shelled Corn were grown on one acre. It is the largest, cared 100-day White Dent Corn. Stalk grows to a height of 7 or 8 feet and sets the ears about 3½ to 4 feet from the ground. The ears are very uniform in size and shape, with 18 to 20 rows of pure white kernels set on a small white cob, and are filled out all the way. The cob dries out rapidly; and such a market is the best for market earlier than any other white field corn in existence. Seventy pounds of corn in the ear will make 45 pounds of shelled. It has no large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth, and is as well rooted as any corn grown. Not prepaid: Quot, 15c.; peck, 25c.; bu., $2.25; 2 bu., $4.50. By mail, postpaid: Pkt, 5c.; 1 lb., 10c.; quart, 35c.

PROSPERITY CORN.

What every farmer wants and needs is a corn that will mature well-formed and good-sized ears inside of 90 to 95 days, and such a corn we offer in our Prosperity. It grows larger ears than the Minnesota Ideal. It is a very heavy yielder, and the heaviest yielders in the main corn-growing belt. Under ordinary circumstances it has yielded 125 bushels from an acre with us. It is deep-rooted and therefore a great drought resister. The ears are large and filled with kernels of a medium size, and the cobs are well filled with kernels, and have a very good color. This Corn has so much vigor that it will very often grow two ears to a stalk. It is a great producer, not only of ears, but also of fodder, the stalks being of fair size, short-jointed, and therefore very leafy, which is another great merit of this Corn, for who should not be in need of Corn fodder? Not prepaid: Quot. 20c.; peck, 50c.; bu., $3.00; 2 bu. and more at $2.90 per bu. By mail, postpaid: Pkt, 5c.; 1 lb., 10c.; quart, 35c.
MURDOCK GOLDEN DENT CORN.

An enormous yielding Golden Dent variety, outyielding most other sorts and is so early that it can be grown in the Northern States. The ears are very large and handsome, with 18-24 rows of deep kernels. It is enormously prolific, producing over 100 bushels to the acre in very dry seasons with ordinary cultivation. Its great vigor enables it to stand dry weather remarkably well and to yield a good crop when other sorts fail on account of drought. The large sized ears, borne by a medium sized stalk, run as uniform as though they were all made in the same mold, and are as perfect and handsome as if made of wax. No other variety of Corn can approach this, and it is bound, when better known, to be more extensively grown than all other kinds put together. It is earlier by several weeks than Iowa Silver Mine, Legal Tender and Western Flint, and will mature with the Minnesota No. 13. Pkt., 5c.; lb., 20c.; qt., 35c. By express or freight: Pkt., 85c.; bu., $3.00; 2 bu. and more at $2.90 per bu.

FARMER SEED CO.'S SUNRISE YELLOW DENT CORN.

Of all the many different varieties of Dent Corn which have been introduced so far our Sunrise Yellow Dent Corn has proven to be the most valuable for our Northwest. It is neither excelled in extreme earliness nor in great productiveness. The stalks are only of medium size, while the ears obtain an average length of about 9 inches and are crowded with golden yellow kernels of fair depth. The surface of the ears is smooth, so that it shucks quite easily. As soon as this Corn is ripe the ears are hard and solid and it is fit to be marketed, or to be put into the corn crib.

Our Sunrise Yellow Dent Corn is the result of crossing several varieties of Corn that have been grown here in Minnesota for years, so that it is naturally adapted to our cold northern climate. Its type expresses extreme earliness and great productiveness. We offered this Corn last year for the first time to our patrons, and especially those from our Northwestern states, who are not familiar with it, yet, should give it at least a trial this year. An early Corn produced here in Minnesota warrants a sure crop, and nothing is of greater importance for every farmer to have a reliable northern grown Seed Corn.

Price: Selected ear, 25c.; qt., 50c., prepaid by mail. Express or freight: Qt., 35c.; pk., 85c.; bu., $3.00; 2 bu. and more at $2.90 per bu.

MINNESOTA KING CORN.

We regard this as the most valuable early Corn for the Northwest, and it is certainly the kind to plant in the northern part of Minnesota, Wisconsin and in North and South Dakota, instead of the smaller yielding Flint varieties. There are other varieties of Corn which may yield perhaps just as much under favorable circumstances, but year in and year out, through favorable and unfavorable seasons, there is no other kind of Corn that has produced such large average yields as the Minnesota King Corn. On account of its thrifty and vigorous growth right from the start, and its long roots penetrating so deep into the soil it has more ability to endure the extremes of heat and cold, flood and drought, than any other Corn, and being so extremely early, it is soon out of danger of frost. The stalks grow only to a medium height, and, as stated above, are well rooted and firm so that they withstand the strongest winds. In appearance the Minnesota King Corn is remarkably distinct. It being a large Yellow Dent Corn. The kernels are very large, broad and of a rich golden color. The ears are of medium size, and always well filled to the tip.

Price, express or freight: Qt., 15c.; pk., 55c.; bu., $3.00; 2 bu. and more at $2.90 per bu.

MINNESOTA NUMBER THIRTEEN.

An elegant early variety of Yellow Dent Corn, introduced by Professor W. M. Hayes, of the Agricultural College of Minnesota Experiment Station. Our original Seed Stock was procured from the original direct and we have raised this Corn now for several years in succession, never failing to secure a large crop of good and solid ears. It is a full Yellow Dent Corn, with kernels packed closely upon the cob, and the ears are well filled from top to tip. This Corn ripens in 85 days, and in even less time if the season is favorable. Although it ripens so extremely early, it is a heavy yielder, producing from 65 to 100 bushels per acre. From our own experience we can recommend this Corn to our brother farmers as the best, nicest and the most productive early Yellow Dent Corn offered.

Price, express or freight: Qt., 20c.; pk., 5c.; bu., $2.00; 2 bu., $3.75. sacks included. Prepaid by mail: Pkt., 5c.; lb., 20c.; qt., 35c.

Gentlemen,

On account of the severe drought here in this section Corn did not have a chance to grow before the first of July. Afterwards we had about 5 inches of rain so that we harvested a good crop of corn after all yet, although it remained somewhat soft. Seed Corn from you, however, ripened three weeks earlier than my own and was dry and solid as soon as ripe. It produced a good yield.

The Wheat was large grained and heavy.

Yours truly, J. H. Bossomaker.

MINNESOTA KING CORN.

We regard this as the most valuable early Corn for the Northwest, and it is certainly the kind to plant in the northern part of Minnesota, Wisconsin and in North and South Dakota, instead of the smaller yielding Flint varieties. There are other varieties of Corn which may yield perhaps just as much under favorable circumstances, but year in and year out, through favorable and unfavorable seasons, there is no other kind of Corn that has produced such large average yields as the Minnesota King Corn. On account of its thrifty and vigorous growth right from the start, and its long roots penetrating so deep into the soil it has more ability to endure the extremes of heat and cold, flood and drought, than any other Corn, and being so extremely early, it is soon out of danger of frost. The stalks grow only to a medium height, and, as stated above, are well rooted and firm so that they withstand the strongest winds. In appearance the Minnesota King Corn is remarkably distinct, it being a large Yellow Dent Corn. The kernels are very large, broad and of a rich golden color. The ears are of medium size, and always well filled to the tip.

Price, express or freight: Qt., 15c.; pk., 55c.; bu., $3.00; 2 bu. and more at $2.90 per bu.

NORTHERN DENT CORN.

This is a very distinct and handsome variety, the exposed surface of the kernels being white and the sides of a pretty cherry color. It is large ears, 12 to 16 rows with large deep kernels and a thin cob. This Corn has been originated here in the Northwest, and although it is such a heavy yielder, generally producing from 75-85 bushels per acre, it matures here in the Northwest in 85 days. The average height of the stalks is from 7-8 feet, and ears set about 3½ to 4 feet from the ground. It produces a large crop of Corn and fodder at the same time.

Price, express or freight: Qt., 20c.; pk., 5c.; bu., $3.00; 2 bu., $5.50. sacks included.

Gentlemen,

The Murdock Golden Dent Corn is the best Corn that was ever raised in this section. It yielded as much as 90 bushels per acre, and ripe corn earlier than the earliest kinds grown here. We are more than pleased with it. We were also quite successful with your Minnesota 163 File Wheat and with your Acme and Lake Side Champion Potatoes. In fact all your Seeds were good.

Truly Yours, (Theresa Pickers.)
FARIBAULT, MINNESOTA.

FARIBAULT—The stalks will often bear 2 to 3 ears which are from 10 to 15 inches long, very compact, and well filled with good sized grain, which is of a nice, beautiful yellow color, changing gradually to a deep red towards the tip of the ear. It is extra early and will ripen in 80 days if the weather is favorable.

**Price:** Quart 20c, peck 80c, bu. $3.00, sacks included. Prepaid by mail, Pkt., 5c, lb, 20c, quart 35c.

**IMPROVED KING PHILIP**—This is a very early eight-rowed Flint Corn, and is one of the most reliable and productive varieties for the Northwest. The ears are all very long, a large percentage of them over 12 inches, with eight straight rows of broad kernels, which are a shiny red color, shattering gold on the outside edge of the kernels. The Cob is not as hard as the ordinary Flint Corn, on which account it is of the greatest value for feeding stock. The stalk is about the same height as that of the Pride of the North, and is very leafy, therefore being more valuable for fodder than any Dent Corn. **Price same as above.**

**TRIUMPH**—A very early Flint Corn, of bright yellow color, which matures in 80 to 90 days from date of planting. It is adapted to every section of the country, and is very leafy and generally produce 2 or 3 ears to a stalk. This Cob matures early. **Price same as on Canandaigua Smut Nose.**

**MINNESOTA WHITE**—This is a very early 8 to 16-rowed White Flint Corn, and is remarkable for its large ears, which are 14 to 18 inches long, and are very handsome and abundant, with large kernels of transparent white color. The stalks are very leafy and generally produce 2 or 3 ears to a stalk. This Cob matures early. **Price same as on Canandaigua Smut Nose.**

**SANDFORD WHITE**—The most productive White Flint Corn, yielding a large crop of corn and fodder at the same time. The ears are very long, measuring from 15 to 17 inches long, and are very handsome and abundant, with large kernels of transparent white color. The stalks are very leafy and generally produce 2 or 3 ears to a stalk. **Price same as on Canandaigua Smut Nose.**

**COMPTON'S EARLY**—One of the best varieties of Corn for the northern latitudes, and we believe the finest and most productive Flint Cob grown. Ears measure 15 to 17 inches long, with eight to nine rows of kernels, making a most attractive appearance. **Price same as on Canandaigua Smut Nose.**

**LONGFELLOW**—This is a yellow variety of Flint Corn of very handsome appearance. The ears are twelve to sixteen inches long, and are well filled with large and broad kernels. **Price same as on Canandaigua Smut Nose.**

**Fodder or ensilage corn.**

**WHITE COB**—This is beyond doubt the best Fodder Corn, either to feed green right from the field, to put up as ensilage, or to cure and dry as meal. It is a pure white Cob, cropping as high as 45 tons of fodder per acre. It is sweet, tender and juicy, and furnishes more nourishment than any other variety; has short joints, therefore producing an abundance of leaves, and grows to a fair height, but not over-large and coarse. This Cob is an excellent stock binder, and is generaly well ripened in our Northern States, but always matures enough to come in full milk, which is just about the period to cut and take care of it. It will make for two or three good sized ears on every stalk.

**Price:** Quart 15c, peck 35c, bu. $1.30, 2 bu. and more $1.25 per bu., sacks included. Prepaid by mail Pkt. 5c, quart 30c.

**RED CUB**—This is in every respect similar to the above with the exception of the cob, which is red. **Price same as on White Cob.**

**GIANT**—This grows very tall and leafy, and yields an immense quantity of fodder of excellent quality. Other varieties of Fodder Corn grow just as tall and can throw out joints as large, but the great productivity of the Giant Fodder Cob arises from the closeness of the joints, and as these are thrown out at every joint, the result is an increased yield of fodder over every other variety. **Price:** $1.40 per bushel.

**YELLOW ELEPHANT**—This is the best variety of Fodder Corn for the soil as well as for feeding green, also the best for curing in shocks, to be stacked up or stored away in the barn for winter feed. It is wonderfully productive, without growing overlarge like some of the Southern varieties of Fodder Corn, and also grows and matures large sized ears, several of them often growing on a single stalk. The average height of this corn is from 8 to 9 feet, but the stalks do not grow thick and coarse, and can be harvested quite easily with the corn binder. The cob is very leafy and produces an enormous amount of fodder per acre. Dairymen and farmers will certainly prefer it to the large and coarse-stalked Southern varieties, which do not throw the ear out, because a Fodder Cob is then the highest feeding value if it can be cut and cured when the ears are nearly matured, and if it is cured in this state it is also best fit to be cut for hay. Our Yellow Elephant Fodder Cob is a vigorous grower, and on account of sending out its long roots almost straight down into the soil, it is droughted better than any other Corn and will always yield a big crop. **Price same as on White Cob.**

**Sweet Fodder Corn.**

**EVERGREEN**—We consider this one of the most valuable Fodder plants in existence, and every stock farmer should give some land to it. The stalks are sweet, juicy, tender and very nutritious. The leaves, which are very numerous, are large, smooth, succulent, and greatly relished by all kinds of stock being far superior in respect to all other kinds of Corn. On strong soil it will grow to 10 feet high and produce an abundant amount of fodder, which when well cured, is equal to the best hay, and its actual cost of producing is not more than one-quarter as much. Sweet Fodder Corn increases the production of milk and cream wonderfully and has a marked effect on the animals in the best condition. It has the furth merit of being soft and palatable that cattle eat every part of the stalk and leaves. As a green fodder one acre of it is worth as much as eight acres of ordinary pasture. **Quart 20c, peck 75c, bu. $2.50, sacks included.**

**EARLY SWEET FODDER CUB**—This is an early variety having the same merits as the above, with the exception that it is not as productive as the Evergreen. The stalk is short and leafy and full of nutrition. **Price same as on Evergreen.**
CHOICE NORTHERN GROWN SEED POTATOES.

In order to secure the largest possible yields combined with the best quality, a change in Seed Potatoes is more essential than in any other seed. If our Selected Northern Grown Seed Potatoes are planted, 300 to 400 bushels can be as easily grown per acre as 50 to 100 bushels from scrub stock. To raise a good and large crop of healthy tubers will not cost any more than to grow a small crop of poor Potatoes, which are hardly marketable. Our Northern Grown Seed Potatoes insure a vigorous growth, an early maturity and the largest crops obtainable.

We ship our Potatoes in the spring as soon as 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.

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

We agree to fill all orders for Seed Potatoes at Catalog prices as long as our large 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 first before we fill your order.

EXTRA EARLY OHIO SEED POTATO.

This grand old and 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 early varieties are introduced, the Early Ohio is still the leading market Potato, and as such we place it at the head of our Potato list. The Southern Potato growers realize that by planting our extremely Northern Grown Early Ohio, the crop will be ready for the market at least 10 days to 2 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 mature almost 2 weeks earlier than Seed Potatoes produced in a milder climate. They should not be compared with those offered by seed dealers in larger cities, who pick them up in the open market, and as long as they have a reddish color and an oblong to an oval form, call them “Early Ohio.” The Early Ohio Seed Potatoes as well as all other varieties which we offer, have grown ourselves from most carefully selected seed stock. Pk. 40c.; bu. $1.15; bbl, $7.75.

WHITE EARLY OHIO.

No potato has been introduced during recent years that deserves as much attention as the White Ohio. It is 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 yilder and a strong and healthy grower, not being easily affected by scab. As an early market potato the White Ohio is of the greatest value, for it is the only extra early White Potato so far introduced, that possesses any special merit. On account of its handsome oval form and smooth appearance, it always sells at first sight on any potato market. Price: Pk. 40c.; bu. $1.15; bbl, $7.90.

KING OF THE EARLIEST.

This elegant early potato is a seedling of the old, reliable Early Ohio, but matures still earlier, yes, it is even positively claimed that this variety produces most elegant potatoes, which are of fine size and many and are of the most delicious flavor, in 28 to 35 days. This assertion may be somewhat strong, but it is a proven fact that the King of the Earliest is one of the earliest potatoes in existence. It resembles the Early Ohio in type and form, being, however, of somewhat lighter color. As an early market potato, this variety is of inestimable value, having all the good qualities, extreme earliness, productiveness and good keeping qualities combined. Price: Pk., 40c.; bu. $1.15; bbl, $2.90.

THE EARLY MINNESOTA POTATO.

Although the Early Minnesota is a very early potato, it is also enormously productive and in addition to this possesses great keeping qualities. In productiveness it excels the Early Ohio, and is not at all particular in regard to soil. The tubers are of handsome, oblong form, and very smooth and clean, and of beautiful appearance. The skin is flesh-colored and somewhat netted at the seed end, a sure indication of form, very smooth and clean, and of beautiful appearance. The Early Minnesota potato is almost unsurpassable as a market and table sort. Price: Pk., 40c.; bu. $1.15; bbl, $2.90.
Sir Walter Raleigh Potato.

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, notably the Rural New Yorker No. 2 and Carman No. 3. Sir Walter Raleigh resembles the Rural New Yorker No. 2 in shape, but is a little more buff in color; the flesh is also whiter and of better quality. It is from four to six days earlier than the Rural. The tubers are more uniform with practically no small ones—every one being of marketable size. This variety is the whitest fleshed and finest grained Potato, exceeding even the Snowflake. It is unquestionably the best of its type, and will soon supersede all others of this class. At the Rural grounds it proved to be the best and heaviest cropper of 49 varieties; being not only the finest eating Potato, but also the heaviest yielder. Peek, 35c; bu., $1.00; bbl., $2.50.

VIOLET MAMMOTH POTATO.
The Hardest, the Most Productive, and the Best in Table Quality.

This is our own production, which we had the pleasure to offer last year for the first time. It is a very distinct and handsome Potato, of an oval, slightly flattened form, as the illustration shows, with a beautiful violet and white mottled, finely netted skin. About the shallow eyes there are patches of pink. The appearance of this Potato is decidedly striking. Although it grows very large, its choice table quality is unsurpassed. Last year we raised in all 26 different kinds, the cream of all the Potato varieties, and of all these choice table Potatoes the Violet Mammoth was decidedly the best. Its flesh is clear white, both raw and when cooked, and boils perfectly dry and mealy through-out. Planted with other main crop varieties, it starts more quickly, and grows more vigorously than any other Potato; the vines are strong and healthy, and the tubers are all of large uniform size, lying close together in the hill. It is of a very robust constitution, and is not affected by potato blight nor rot, which we have experienced to our utter disaster during the last two years.

Price, prepaid by mail: Lb., 25c; 3 lbs., 60c. Not prepaid, lb., 20c; ½ peck, 35c; peck, 50c; bu., $1.50; bbl., $2.50.

CARMAN NO. 1.

This is a seedling raised from seedlings through several generations with the object of developing good, and suppressing undesirable qualities. The tubers grow very large, and will produce small ones only in unfavorable seasons. The Carman No. 1 proves to be an enormous producer of handsome and well-shaped tubers which possess the best table qualities. Skin is of a yellowish white color; flesh is white and fine grained; cooks dry and mealy and very even through-out. Like the Rural New Yorker, it will stand heavy manuring without getting scabby or spotted. The tubers are always nice and smooth and free from disease. In maturing it is medium late. We recommend Carman No. 1 very highly as the Potato to grow for profit. Peek, 40c; bu., $1.10; bbl., $2.75.

RURAL NEW YORK.

A large, well-known white late potato of the Carman type. Price, same as Carman No. 1.

BURBANKS SEEDLING.

An old and reliable variety and a famous market potato. Higher table qualities are claimed for many new varieties, but this remains to be proven, for the Burbank still holds its own with the most critical trade. It is of the choicest flavor and is as well adapted for baking as for cooking. The tubers are long, smooth, with few and shallow eyes and clear white skin. Price, peck, 25c; bu., $1.00; bbl., $2.50.

Sir Walter Raleigh.
Faribault Mammoth Prize Potato.

We consider this new Potato the most valuable of all our introductions, for it excels all others in great productiveness 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 affected by the ravages of potato bugs.

The Mammoth Prize is, beyond all doubt, the largest choice eating potato in cultivation. It is of an oblong, almost oval form, as shown in the illustration above, and is of a yellowish-white color, perfectly white fleshed and a grand cooker, retaining its fluffy whiteness even when cold. The potato is late in maturing and ripens with the Carman.

Growers for the market will not find a variety that is as productive and as profitable to grow as the Faribault Mammoth Prize.

Price: Prepaid by mail, lb. 30c, 3 lbs. 75c. Not prepaid, lb. 20c, ½ peck 45c, peck 70c, ½ bu. $1.15, bu. $2.00, bbl. $3.00.

Arcadia.

There is hardly another Potato grown which is as smooth, handsome, and uniform in size and shape as the Arcadia. The tubers are of a nice, clear white, oval, and oval in shape, somewhat flattened, with few and shallow eyes that are almost flush with the surface. They mature medium late and grow large to very large, with no small ones that are not salable. This is a variety that will never scab, even if grown on old and heavily manured soil. In table quality it is equal to the Freeman and Snow Flake, while in yield it excels most all other varieties. This Potato originated in Newfoundland.

Price: Peck 30c, bushel $1.00, barrel $2.50.

Hancock, Iowa.

Gentlemen,
The Seed Potatoes we bought of you last spring yielded heavy and were of excellent quality, better than any other varieties we have ever tried.

Respectfully yours,
Fred W. Reitter.

Pearl of Cannon Valley.

This is one of our seedlings which we introduced several years ago. 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 well as 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. In choice table quality the Pearl of Cannon Valley is unsurpassed, for it is even superior to the Snow Flake and Freeman. 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 400 to 500 bushels per acre are nothing unusual.

Price: Lb. 25c, 3 lbs. 60c, postpaid; not prepaid, peck 50c, bu. $1.50, bbl. $3.50.

Gentlemen,
I wish to inform you herewith about the good results which I had with the Seed Potatoes procured from you last year. The Potatoes were all of a good average size, containing hardly any small ones. I wish to express my thanks for the good quality of Seeds which you always supply, and am in- for the prompt attention in filling the orders entrusted to you.

Yours truly,

Franklin County, Missouri.

H. W. Kochans.
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 to ten days earlier than the Early Rose and the Early Ohio. The surface is of a very handsome appearance, being almost round and most uniform in shape and size, with slightly depressed eyes, which are mostly on the seed end. The skin is of a pretty, light red color, while the flesh is of the purest white, both raw and when cooked. Its beautiful appearance, wonderful productiveness, and superior table qualities make this potato a favorite for the early market, wherever introduced. It produces at least from 12 to 15 tubers per hill, all of marketable size.

Price: Pk., 40c.; bu., $1.10; bbl., $2.75.

SECOND SIZED SEED POTATOES.

These are just as pure and true to name as the first grade, being taken from the same stock, but consisting of the small and medium sized tubers.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price per bu.</th>
<th>Price per bbl.</th>
<th>Price per bu.</th>
<th>Price per bbl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Ohio</td>
<td>$0.80</td>
<td>$2.25</td>
<td>$0.80</td>
<td>$2.25</td>
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<tr>
<td>Bliss Triumph</td>
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<td>$2.25</td>
<td>$0.75</td>
<td>$2.00</td>
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<tr>
<td>Burbank's Seedling</td>
<td>$0.75</td>
<td>$2.00</td>
<td>$0.75</td>
<td>$2.00</td>
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<tr>
<td>Sir Walter Raleigh</td>
<td>$0.75</td>
<td>$2.00</td>
<td>$0.75</td>
<td>$2.00</td>
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<tr>
<td>Carman No. 1</td>
<td>$0.75</td>
<td>$2.00</td>
<td>$0.75</td>
<td>$2.00</td>
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<tr>
<td>Pearl of Cannon Valley</td>
<td>$0.75</td>
<td>$2.00</td>
<td>$0.75</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

We offer Second-Sized Seed Potatoes only in bushel and barrel quantities, and will not fill orders for peck quantities.

In case that Second-Sized 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, we will first write you.

SEED POTATOES BY MAIL, ALL VARIETIES EXCEPT WHERE NOTED, POUND, 20c.; 3 POUNDS FOR 50c.
SPRAYERS.
The New Brandt Sprayer.

The latest of all devices for exterminating all kinds of injurious insects, with only one-tenth the labor, cost and time of any other known is the Brandt Sprayer. There is no waste of time by stopping to pump it ahead, as this can be done by the operator as he goes along. Distributes Paris Green, Bordeaux Mixture, Spanish Pink, etc. Will spray a row of potatoes as fast as a man walks, covering 15 to 25 hills with each stroke of the pump, and only one filling of 3 gallons is necessary for a row a mile long. Invaluable in potato and vegetable fields, as well as on small fruit plants and shrubs. The Tank is made of galvanized steel, and is provided with a concave nuzzle on one side for keeping it in the right place—not sliding forth and back—making it very convenient to carry. The tubes for distributing liquid sprays are each secured with an extra brace inside to prevent breaking off. It has a solid brass filling plug which is very substantial and reliable, also a heavy strap for carrying. The Pump is superior to all others. It is fitted with a valve plunger which prevents air-suction on the return stroke, thereby making it very easy to operate. In addition it will force a larger amount of air in less time than a regular pump, this being due to the leather always lying close to the barrel and not allowing air to pass between, and always makes a full stroke. The Air Reservoir at the end of the pump is a very useful part, keeping a steady air-feed for the nozzle and also discharges a sufficient amount of air into the main tank to force the solution to the nozzle. It also contains a brass socket for attaching nozzles to same. Price by express or freight at purchaser's expense, $3.00 each, including single nozzle and funnel. Double nozzles, for spraying two rows at one operation, each $1.50. Tree nozzle $1.50. No. 2 sp for Bordeaux and whitewashing, 35c.

The "Auto-Spray."

The "Auto-Spray" works automatically for 5 to 15 minutes, according to the nozzle opening and has a capacity of 4 gallons, when properly charged containing 3 gallons of solution to 1 gallon of compressed air. Eight to twelve strokes a minute will charge it and two pumpings will discharge the entire contents. Three gallons of solution, or one charge, will easily cover one-half acre of potatoes or other similar crop. The "Auto-Spray" is provided with an "Anti-Choke" nozzle made from solid brass rod, consisting of a nozzle proper and two caps of different capacity. It offers every graduation of spray, from a solid stream to a fog. By the operation of the "Auto-Pop" a degorger is passed through the nozzle opening each time the "Auto-Pop" is closed. Hence it can never clog, and is the only nozzle which can't clog.

Prices: "Auto-Spray," No. 1, Brass tank, with "Auto-Pop" (recommended) $8.79; "Auto-Spray," No. 1, Galvanized tank, with Stop Cock, $8.00; "Auto-Spray," No. 1, Galvanized tank, with "Auto-Pop" $8.60; "Auto-Pop," supplied separately, $1.25; Copper Stripper, $1.25; Extension Pipe, Brass, 2 ft. length 35c.; Elbow Extension, brass 35c.

Leggett's Champion Dry Powder Duster.

Weighs about 6 lbs. Without tubes is 27 inches long. Each machine is packed in a case complete, comprising 4 tubes, 6 nozzles, 2 straps and oil can. Cased for shipping, weighs, 13 lbs. The reservoir holds over a quart of powder. This machine distributes Paris Green, London Purple, hellebore, sulphur, lime, dry Bordeaux mixture, Bordeaux and Paris Green Compounds, etc. Dispenses with bother and labor of using water. For farm, orchard, vineyard and tobacco fields this implement has proved itself "Champion," being far ahead of any other machine in its capacity to distribute a uniform and almost imperceptible quantity of Paris Green or other powder, doing effective work with no danger of injurious foliage when used properly. The dry method is rapidly supplanting the wet method. Will do as much work in a day as a horse-power sprayer, and will green two rows of potatoes at once as fast as a man walks, Adjustable to any width of row. Length of machine is such that the poison, is kept at a safe distance from the operator. Will not get out of order, and will last for years. Price, $7.90.

Improved Little Giant Duster.

Machine weighs 6 lbs. is furnished with three tubes, five nozzles and strap. Weighs, cased for shipping, 12 lbs. Distributes any dry powder, Paris Green, etc. Dusts two rows at a time, Reservoir holds nearly a quart of powder. This machine is manufactured on the same principles and for the same purpose as the Champion, the only difference being that it is smaller. For a small potato patch of 1 to 5 acres, this machine is large enough. Price, $5.50.

Mystic Sprayer.

Just the thing for the garden and house plants. These Sprayers work to perfection and are sure to give satisfaction. An all brass sprayer and will not rust. The best hand sprayer for applying liquids and insecticides to poultry houses and live stock. Price, per express and not prepaid, 85c.; the same sprayer made of tin, 60c.

Corbin's Dehorning Pencils.

Farmers, dehorn your calves by using Corbin's Dehorning Pencils. Every pencil warranted to dehorn 40 calves, if used according to directions. It acts without pain or loss of appetite. Calves should be dehorned when 5 to 20 days of age, 5 to 10 preferable. In the first place, to dehorn calves makes them more gentle, and they can be fed in a much smaller space, and it don't take half the room to shed them in the winter; when you come to sell them they will bring $2 more per head if dehorned.

Sawing horns off cattle is considered barbarous, and should be stopped by dehorning them when young. The manufacturer agrees to forfeit $5.00 for every calf from 5 to 20 days old which his dehorning pencil fails to dehorn. Price, per Pencil, 85c., 3 for $2.25, prepaid by mail.
HAMMOND'S SLUG SHOT—A combination of the most powerful insecticides and soluble plant foods. It destroys all insects injurious to house and garden plants, shrubs, trees, vines, potatoes, and other vegetables as well as small fruit plants. This preparation, though poisonous to insects, does not injure the foliage in the least. 5 lbs. 40c.; 10 lbs. 75c.; 25 lbs. or more at 6c. per lb. Postpaid, 1 lb., 25c.; 4 lbs., 95c.

DUSTERS—For Hammond's Slug Shot, each 35c.

GRAPE DUST—A readily diffusible, light-weight powder, fungicide, very efficient in destroying Mildews and preventing blights in greenhouses or in the open; also destroys the Aphid and Black Fly. Postpaid, 1 lb., 25c.; 4 lbs., 95c. Not prepaid, 5 lbs., 40c.; 10 lbs. 75c.

The Bordeaux Mixture—Ready for use by simply adding water. One gallon will make 50 gallons of liquid. An indispensable fungicide, curing and preventing black rot, mildew, blight, rust, scab, and all fungoid diseases on potatoes, fruits and plants. Price, 1 pint, 25c.; quart, 10c.

WHALE OIL SOAP—Makes an excellent wash for trees and plants where insects and eggs effect the bark. Per lb., 15c.; 2 lbs., 25c.; 5 lbs., 50c. By mail, add 10c. per lb., extra.

SULPHO TOBACCO SOAP—A cheap, effective and harmless Insecticide, quickly exterminating all insect life on plants and flowers, in and out of doors; and acts as a valuable fertilizer, reviving plant life. Rids the house of cockroaches, and is a superior wash for all animals. Prevents poultry lice. 2-oz. cake, sufficient for 15 gallons prepared solution, 10c.; postpaid, 15c.; 8-oz. cake, 25c.; postpaid, 25c.

ANT EXTERMINATOR—A non-poisonous powder which, when sprinkled around, will kill or drive away ants from lawns, trees, houses, etc. Per box, 20c.; by mail, 25c.

BELLEBRE—Powdered White—For the destruction of slugs, worms, caterpillars, etc. Less than Paris Green and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 oz. in 3 gallons of water. Lb., 5c.; 5 lbs., 90c.; 10 lbs., $1.75; 25 lbs., or more at 10c. per lb.

CATTLE COMFORT—A successful remedy against Insects pestering Cows, Oxen, Horses, Mules or Dogs. Can be diluted half and half with kerosene oil, to keep away mumps and other troublesome insects. 100 oz. costs. Mix with Cows' milk to prevent the cow from shrinkage of summer milk. Qt., 45c.; by express or freight.

University of Nebraska Agricultural Experiment Station.

Lincoln, June 29, 1904.

Gentlemen: After having your Weeder and Mulcher in use at the Neb., Agr. Exp. Station for some weeks, after having personally tested it, I am convinced that it is the best implement for weeding and cultivating vegetables and other plants that I have ever seen. We are using it to the practical exclusion of other implements in our garden and nursery work.

R. A. Emerson, Director.

Schofield's Knife and Scissors Sharpener—With this little machine you can grind a dull knife or a dull pair of scissors in less than one minute, and do it as well as the most experienced expert, thereby saving your ten cents that you usually pay to have it done. No housekeeper, farmer, or ranch man will think of doing without it. Price, 85c. We offer this Grinder as a premium with an order for $15 worth of Seed Grain, Seed Corn and Seed Potatoes; also with a $5 order for Vegetables and Flower Seeds at catalog prices. Conditions are excluded from this offer.

HAMMOND'S INSECTICIDES.

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 shoes. The Barker 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 with the Barker and no jerking back and forward, so that the operator accomplishes again as much as with an ordinary implement, and the work of this machine is more effective, as no weeds can be missed and a fine mulch is left over the surface of the ground which prevents the evaporation of the moisture.

With the Barker you do the work better, quicker and save yourself the extra labor of the see-saw motion that is necessary to do effective work with any of the other hand weeder.

The Barker is made in 3 sizes, viz.: 6-inch cut, 8½-inch cut, and 11-inch cut. Each machine is fitted up with leaf guards and tooth attachment. The 8½-inch cut is the standard size for onion sets and ordinary market garden crops. The 6-inch is for lettuce and crops that are planted in close rows. The 11-inch for crops that are planted from 14 to 18 inches apart in rows. Either size complete with all attachments, price, $5.00.

PARIS GREEN—A poisonous, insoluble powder, indispensable 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 plaster or flour, 100 parts to 1 part of Paris Green. In solution mix 1 lb. in 1 gal. of 300 gallons water. 1/2 lb., 25c.; 1 lb., 50c. prepaid by mail. Write for prices on larger quantities.

Tobacco Dust—Destroys rose bugs, liee, cut-worms, vine bugs, tomato worms, currant worms, cabbage fly and parasites of all descriptions. Should be applied when foliage is stilt. Also a most complete fertilizer for plants and vines, causing a healthy, vigorous growth, and will not burn or injure the plants. Lb., 10c.; 5 lbs., 55c.; 16c. per lb. extra if by mail.
NOVELTIES and SPECIALTIES.

It is the duty of the seedsman to test the many new varieties, that are being introduced every season, for the purpose of proving whether or not they are worthy of dissemination. There are many "Novelties" offered that are practically worthless. Frequently, however, new varieties are produced that really possess special merits, while some old varieties are so improved as to be superior to others.

The varieties we offer on the following pages embrace the old and new kinds that we know to be of superior quality, and we heartily recommend them to our patrons, believing they will prove satisfactory in every particular.

Lewis' Perfection Musk Melon.

This splendid new Melon is nearly round in shape and as thick at the blossom-end as at the sides; it is slightly netted and of dark green color until it begins to ripen when it partly turns yellow. The rind and gold color intermixed with the fine netting make it the handsomest fruit imaginable. The melons average from 8 to 16 lbs. in weight, but some specimens have been known to weigh 30 lbs. They ripen a few days earlier than the Osage, and have reddish-orange colored flesh, which is firm and thick, with scarcely any seed cavity; sweet, juicy and of luscious flavor. Pkt. 10c; oz. 20c; ½ lb. 60c; lb. $2.08, prepaid.

Garden Huckleberry.

This new fruit can be grown from seed the first year and produces berries about as large as an average sized gooseberry; they are of jet black color, and when cooked as palatable as the real huckleberry and can scarcely be discerned from it in taste. Sow seed in a box or pan in early Spring, and when danger of frost is over plant out 2x4 feet. Cultivate same as tomatoes. Do not cat raw. Berries make better pies, jelly and sauce than the wild huckleberry. For winter use take up the vines just before frost, store them away where they will not freeze and delicious fresh fruits can be picked all winter, as they will keep nice for months. A most promising new variety in dry hot climates where ordinary small fruits will not do well. Pkt. 10c, 3 for 25c, prepaid.

Sow early.

Mikado Radish.

At first glance one can easily distinguish this newly imported Japanese Radish from others, for its leaves are quite regularly feathered. It tastes the same as a regular Radish, while the color is nearly a transparent white like that of the Fucoid Radish. One of its principal advantages is that it can be planted at all seasons, and by sowing at intervals from early Spring until the end of July, this tender vegetable can be had the whole of the Summer and Winter. Pkt. 10c, 3 for 25c, prepaid.

Pharaoh's Dream Sweet Corn.

"And Pharaoh slept and dreamed and behold seven ears of corn came up, upon one stalk, rank and good."—Genesis 41:5.

The most productive and one of the finest varieties of Sweet Corn ever offered. This new variety was bred by one of the best seed corn specialists in the country, and did not originate from an accidental sport, but was gradually bred by crossing two well-known varieties and selecting for a number of years the finest and most productive ears, until it has attained its present high value. Its peculiar manner of growth and earing are well shown by the accompanying illustration, and owing to the fact that it so frequently produces seven ears to the stalk, it has been aptly named "Pharaoh's Dream." The corn begins earing almost at the bottom and produces quite long ear stalks from each leaf joint. The ears are of large size and would be taken for Stowell's Evergreen in almost any market. It is of superior quality, well bred and will please the most particular. The corn is pure white, tender and of a rich delicate flavor, remaining a long time in edible condition. Instead of ears maturing all at once they form in succession and therefore produce a constant supply throughout the season. The ear stalks are so long that it might well be called a branching variety, and it looks tree-like when growing.

The Pharaoh's Dream Corn is the greatest novelty in Sweet Corn that has ever been offered, and you should not fail to plant it this year. It is more productive when only one or two grains are planted to each hill. Pkt. 10c, ½ pint 20c, pint 35c, prepaid.

Peerless Tree Tomato.

It grows from ten to fifteen feet in height, and if planted early will begin to ripen by July 16th and continuously bears heavy loads of luscious fruit until killed by frost. The flesh is firm and solid, almost seedless, fine grained throughout and of the most delicious flavor ever found in a Tomato. It produces fruits of the largest size, weighing from 36 to 94 ounces. One well-developed plant will produce enough fruit for a small family the entire season, and every owner of a garden, no matter how small, should not fail to grow this wonderful Tomato. Pkt. 10c, 3 for 25c, prepaid.

Copyrighted material.
New Hodson Wax Bush Bean.
This variety is a remarkably rank grower, sturdy and productive, and entirely free from rust and blight. The plants are well loaded with long, straight, handsome pods, averaging about seven inches in length, and being of a clean bright yellow color. The Hodson Wax pods are fleshy, brittle, and tender, of excellent quality and entirely stringless. This variety will be a boon to the market gardener and trucker on account of its vigor and productiveness and its freedom from blight and rust, while the fine table quality of the long handsome pods will render it of special value to the private gardener.

Pkt. 5c, ½ pint 15c, pint 30c, prepaid; Quart 35c, peck $2.00, not prepaid.

May King Lettuce.
The best large extra early sort for growing out of doors, and also excellent for forcing under glass. The plants are of quick growth, forming marketable heads ahead of all other sorts; these heads are extremely handsome in appearance and measure about 10 to 12 inches across; the leaves folding closely about the head make it solid and firm; the outer leaves are of light green color with a brownish tinge, while the inner ones are blanched to a rich golden yellow. It is of delicious quality, crisp, tender, and of a buttyer flavor.

A very valuable variety for the market gardener and shipper; destined to become very popular wherever it is tried.

Pkt. 5c, oz. 15c, ½ lb. 50c, lb. $1.75, prepaid.

Violet Giant Turnip Radish.
A distinct new variety originated from the Crimson Giant Radish. It is of the same shape and exceptionally large size of the latter, and the pure white flesh keeps crisp and tender an extra-ordinarily long time without getting woody, but the outer skin is of a bright violet color. Pkt. 20c.

New Golden Curled Celery.
A new strain of the Golden Self Blanching, possessing all the good qualities of the old variety and in addition has elegantly curled leaves, like Chervil, which makes it fine for garnishing.

It is the best seller in the market, wherever introduced.

It is of dwarf habit, very solid, driving no suckers, and is of a beautiful yellow color. The seed we offer comes direct from the introducer.

Packet 20c, prepaid.

New Golden Curled Celery.

White Welsh Onion.
The earliest bunch Onions, of mild, delicate flavor.
These Onions are grown from seed, and are therefore a great deal cheaper to raise than onions from sets. If sown in the fall they are ready for pulling when sets are being planted. The plants are perennial and remain in the ground for years; they do not form bulbs but send out shoots which are mild and sweet.

Pkt. 5c, oz. 10c, ½ lb. 25c, lb. $1.00, prepaid.

New Brittle-Ice Lettuce.
A very early, large, crisp and hard-heading variety.
The plants are of a quick, strong growth, attaining a diameter of about 12 inches; the leaves grow closely around the head and are of soft bright green color, while the inner head is blanched to a silvery white and is crisp and brittle as Celery. A desirable variety for spring as well as fall, but especially adapted for mid-summer planting, as the plants retain their crispness and mild flavor to a greater degree during the hot summer months than any other crisp-head variety. We recommend this variety especially for home planting, but it is not suited for shipping to distant markets.

Pkt. 5c, oz. 15c, ½ lb. 50c, lb. $1.75, prepaid.
New Varieties of Asters.

Miss Alice Roosevelt.

While all previously introduced Asters of changing colors are white when opening, the flowers of this New Victoria Aster, Miss Roosevelt, in their first stages are of clear primrose in which, after sometime and by degrees, passes into a delicate flesh color.

The gradual transition of these two shades, so distinct in themselves, and their thorough and perfect blending at the height of the flowering period, produce a most charming blue, quite novel in Asters and which resembles, above all, that of the popular "Gloire de Dijon" Rose.

Packet 10c.

Extra Early Hohenzollern.

This new strain blooms even a few days earlier than Queen of the Market Aster, the first flowers opening about July 1st. They measure about 4 in. in diameter, are similar in form to those of a good Giant Comet Aster, very double and are borne on long and very stout stems. The plants are of a bushy habit. We can strongly recommend this strain as the largest flowering extra early Asters.

Snow White Pkt. 10c. Salmon Red Pkt. 10c.
Bride, blush white Pkt. 10c. Dark Blue " Pkt. 10c.
Rose Pkt. 10c. Mixed all colors 10c.

Fire-King or Scarlet Triumph.

The most brilliant dwarf Aster. It forms a neat, well shaped bush about 10 inches high, which is covered with beautiful, paeony-like double flowers of the brightest scarlet. Very effective for bedding and fine in pots.

Packet 10 cents.

Lady in White.

This beautiful Aster has proved itself worthy of the wide and very flattering reception which it has met with everywhere. It is one of those rare gems that has come to stay; no private garden is complete without it, and for florists' use it is simply unsurpassed. The flower is an exquisite, pure snow white and is always full double, showing no tendency to produce single or semi-double blooms. In habit of growth the plant is erect and of medium height, branching close to the ground. The flowers are borne in profusion on long, slender, wiry stems. Packet 10c.

Triumph of Paris.

"This new Aster is of pyramidal habit, grows 2 to 3½ feet high and produces large flowers, 4½ to 6 inches across, with long, pure white outer petals, in the center of which the quilled disk florets form a bright golden yellow wreath." So runs the raisers description and the flowers which he submitted to us were certainly very handsome and of striking appearance. This new Aster will please the amateurs, as well as the florists, for cut flowers.

Packet 20c.

Ray.

These beautiful Asters attain a height of about twenty inches. They are of a branched habit, and bear their large flowers on long stems. The flowers measure from four to six inches in diameter, and consist of slender, quilled florets.

The Ray Aster is becoming very popular and is extensively grown for cutting. Our mixture contains the following colors—Scarlet, rose, dark blue, purplish violet and white. Mixed colors Pkt. 10c.

6 PACKETS for 50 cents. We offer one Packet each of the following varieties. Miss Alice Roosevelt. Triumph of Paris. Ray, all colors mixed. Extra Early Hohenzollern.

6 PACKETS for 50 cents.
The Best Tall and Quick Growing Annual Climbers, easily grown from Seed.

**Variegated Japanese Hop.**

*(Hamulus japonicus variegatis.)*

A charming climber, attaining a growth of 20 to 25 feet in a few weeks. The leaves, which are 6 to seven inches across, are beautifully marked, splashed and streaked with white, yellowish-green and dark green. Being very hardy and not injured by insects or by heat, the vine retains its beauty until destroyed by frost. Packet 5c. (See illustration above.)

**Cobaea Scandens.**

*(Cathedral Bells.)*

A fine, rapid growing climber with large, handsome foliage and large bell-shaped flowers, which are green at first, but soon change to a beautiful deep violet-blue. A well established plant will run from 20 to 50 feet in one season, covering a large veranda with its graceful foliage and a profusion of beautiful flowers. It is always clean off-shoots. A native of Mexico, an annual. When sowing, place seeds edge-wise and merely cover with fine soil; otherwise even good seed will often fail to germinate. Packet 10c.

**Butterfly Runner Bean.**

*(Phacelia mulitiflora papillos.)*

This new kind is equal to the varieties of Scarlet Runner Bean, which occupy a prominent place among climbing plants for arbors and trellises, but is more distinct and surpasses them in beauty of its flowers, which are of exceptional large size. The pretty, waved wings are of pure, spotless white, and the standards salmon rose. These two colors on the same flower make a striking and agreeable contrast. Packet 10c.

**Canary Bird Vine.**

*(Tropaeolum canariense.)*

This excellent climber belongs to the Nasturtium family. It is a rapid growing vine, with light green, finely cut and handsome foliage, and produces an abundance of bright, canary-yellow blossoms, which have a fancied resemblance to a bird with its wings half expanded. It grows to a height of 15 to 20 feet, and will blossom from July until killed by frost. It is fine for stumps, rockeries, etc., and also makes an excellent window vine in winter. Packet 5c., oz. 25c.
Golden Poppy.

The color of the leaves of this novelty is an intense, bright golden yellow, making, even before the plants are in bloom, a very decorative effect. The plants grow to a height of one foot and are very bushy, as the principal stem bears a great many side branches. The flowering season continues six to eight weeks, and the very double flowers appear on short stems freely above the foliage, and vary in many colors.
Packet 15c., prepaid.

Admiral Poppy.

This single peony-flowered poppy is of surprising beauty. The flowers are large, round, smooth-edged and of a glistening pure white color, with a broad band of brilliant scarlet, around the top, occupying a full quarter of the corolla. These two colors form an extremely striking contrast. Planted in groups the new Admiral Poppy produces a magnificent effect.
Packet 15c., prepaid.

Crown Dahlia.

The first sweet scented Dahlia. This Mexican sort is to be regarded as a forerunner of quite a new class, the flowers having a pleasant honey-like scent, which all the present no other Dahlia has. The habit and growth of the plants are somewhat different from those of the other known Dahlia sorts, as they first nearly fully develop, and then bring up the enormously long flower-stems, so that the flowers are from 7 to 9 inches freely above the foliage. The plant reaches a height of about 4 feet, blooms abundantly, and on account of having very long stems, which measure 10 to 12 inches, the flowers are very valuable for large bouquets; they also keep well in water for several days. The color of the flowers is a brilliant red scarlet and the form like that of the single Dahlias, but the petals are bent somewhat inward and close in the evening, assuming thereby the form of a crown. They are easily grown from seed, and by sowing in May, plants may be had in bloom in July-August.
Packet 20c., prepaid.

Annual Everblooming Hollyhocks.

A new race of Hollyhocks blooming the first year from seed. If sown in the open ground in May, the plants will flower in August; if, however, sown in the hotbed, and set out in May, they will commence blooming in July. They are more vigorous at all stages of growth than the old type, sending out branches and developing buds at an increasing rate as the season advances, and are continuous covered with flowers until frost.

The flowers are of large size, usually measuring about five inches across, and their colors cover a wonderfully wide range from white, red, yellow to maroon and bluish, in all shades and tints.
The center stems of the plants attain a height of about 8 to 10 feet, but can be kept at any desirable height by pinching off the tip; this would also induce an early development of side branches and the forming of a bush.
Single mixed all colors Pkt. 5c; Double mixed all colors Pkt. 10c; 3 for 25c; Double, fringed, mixed all colors Pkt. 10c, 3 for 25c., prepaid.

Admiral Poppy.
Dianthus, Princess.

*(Laciniatus Punctatus)*

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 leoparded and tirled. Whatever the coloration of the flowers may be, whether light or dark, these markings vary in such a lovely display of shades and colors that scarcely two flowers may be found which are exactly alike. Packet 10c.

**Kochia of Summer Cypress.**

*(Kochia Scoparia)*

A highly ornamental, annual shrub, of unusually rapid growth, forming symmetrical-shaped bushes from two to three feet in height, of a cypress-like appearance. The leaves are slender and of a light peacock-green until September, when, however, they change to carmine and blood-red. Its bright autumn coloring has given it two other names, "Mexican Fire Plant" and "Burning Bush." The flowers are minute, but countless, and the plant dies within two weeks after the flowering season is over. Sow indoors in April and plant out in May, setting the plants two feet apart, or sow in the open ground about May 1st. The seed sprouts will in spite of cold weather. Plants do best in a sunny location and in sandy soil, for which reason one and a half ounce of nitrate of soda should be spread over each square yard of soil. Pkt. 5c, ½ oz. 10c.

**Chrysanthemum Inodorum, Bridal Robe.**

It is of very compact and upright habit, not exceeding ten inches in height. The sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of extra double, pure white flowers. Their short, closely-set petals, which recall the finest forms of very large-flowering double Daisies, appear in such numbers, that a large bed in full bloom will be compared to a drift of snow. Chrysanthemum Bridal Robe is a bedding plant of first rank and the flowers are very valuable for bouquets and floral decorations as they keep a long time when cut. Pkt. 10c, 3 for 25c.

**Stokesia Cyanne.**

This native, hardy plant grows from eighteen to twenty-four inches high, and bears freely from early July until frost, its handsome lavender-blue, corymb-like blossoms, each measuring from four to five inches across. The Stokesia is one of the most valuable and desirable, hardy plants offered. Pkt. 5c.

**Daisy, Delicata.**

A pleasing new sort of this old fashioned favorite. Flowers are extremely double, of a rosy white color, with a bright purplish-red center. About sixty per cent of the seedlings may be expected to come true. Very fine for bedding, the beautiful color of these large sized flowers give a very charming effect. Daisies are very pretty when in bloom and deserve to be grown much more than they are. They will bloom the first summer and will continue to bloom for years, if given slight protection during the winter. Pkt. 10c, 2 for 15c.

**Moss Verbena.**

This lovely variety produces a moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purple-blue blossoms in a lavish profusion. It comes into flower in June and continues to blossom until it freezes. For beds, hanging baskets and rockeries it is equally well adapted. Packet 5c.
Giant Prize Pansy Mixture
A mixture containing all the following and many other beautiful Giant varieties; the finest there is.

PACKET
10c
3 for 25c

10c. Each,
3 for 25c.
The whole set

12 varieties for 75c.

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.

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Giant Bridesmaid.
Clear white with a hue of delicate rose and well defined large violet eyes in the three lower petals.

Giant Snowflake
Pure satiny white, without blatches, and with frilled edges.

Giant Hydrangea.
A distinct rose color.

Giant
Emperor Francis Joseph.
White flowers with large, deep blue spots on each of the lower petals.

Giant Mauve Queen.
Of the lightest blue color known in pansies, with large deep blue blatches on the three lower petals.

Giant Emperor.
Of dark blue color with purple eyes.

Giant Mauve Queen.
Of delicate mauve color with a large blotch of red on each of the three lower petals.

Giant Canary Bird.
The ground color is bright golden yellow, each petal being marked with a large dark blotch.

Giant Prince.
Of a yellowish bronze color with large dark brown eyes.

Giant Volcano.
Beautiful dark red color, each petal is marked with a large black spot.

Giant Mercury.
The largest pansy, of rare beauty, deep blackish purple in color without any blotches or spots.

John Ingman.
A selection of the Countess Spencer, having the same open form and about the same size; the color, however, is rose-carmine with veils of deeper shade.

Nora Unwin.
Pure white, large open form, the finest white variety yet introduced.

Gladys Unwin.
Clear bright light pink, self colored, the color is lighter than that of the Countess Spencer, but it has the same form and the same large, wavy petals.

Phyllis Unwin.
Light magenta rose and carmine; lighter shade than John Ingman.

Frank Dobly.
A pale blue-lavender color, of the Countess of Spencer type.

Phenomenal.
White, shaded and edged with blue, very large wavy petals; the lower blossoms on the stem are usually double.

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Giant Orchid-Flowered

SWEET PEAS.

Countess Spencer Hybrids.
This recently introduced class of Sweet Peas is of the highest merit, producing flowers in the greatest abundance, which are of immense size with waved or frilled standards and beautifully frilled wings.

They are of exceptional value for cutting on account of their long and strong stems, which usually bear from three to four flowers.

The Countess of Spencer.
Bright clear pink, a little deeper at the edge; open form, both standard and wings are very large; stems are long.

Helen Lewis.
Same form and size as Countess of Spencer, but with crimson-orange standard and rose-orange wings.

Packets of all the above described varieties

10c. each, 3 for 25c.

10c. each, 3 for 25c.
Dkt. 10c. = Oz. 15c.
NURSERY STOCK.

With all the different kinds of Nursery Stock and Small Fruit Plants their extreme hardiness is even of far greater importance than with Seeds. That each unacclimated stock always proves to be a failure is self-evident. The Nursery Stock, however, that we offer, produce chiefly here at Faribault, Minn., on our own farms, and we offer only such varieties that can grow to real advantage here in the Northwest. It is natural that such thorny hardy and acclimated Fruit and Shade Trees, as well as Shrubs and Small Fruit Plants, produce most gratifying results everywhere.

PACKING and BOXING CHARGED ON TREES—On account of the large expense in packing trees carefully, $0.50 should be added for this to the amount of all small orders, calling for one to twelve trees, from 2 to 7 feet high, and order for fifty or more to the hundred trees add $1.00; on 250 trees add $2.50, and on 500 trees $5.50 should be added, in addition to the amount of the order. The same rate for packing also applies on Evergreens ranging from 1½ to 4 feet in height.

PLANTS—We cannot afford to fill plant orders for smaller amounts than 50 cents unless 10 cents is added for packing.

It should be understood that in space of ten days or less we offer only an abridged list of Nursery Stock. Customers desiring a quantity of stock of different kinds should write us for our complete list and prices, for we grow all standard varieties.

Apple Trees.

Below we have described only a few of the hardest and most profitable varieties for our Northwestern climate. The trees are well rooted and healthy, and will please everybody. For such locations, where it is hard to get trees started, we recommend smaller trees, which we offer also, prepaid by mail. Our prices for apple trees described below are as follows:

Trees, 1½-2 feet, not branched, each 15c; doz. $1.50 prepaid by mail.
3-5 feet, not branched, each 10c; doz. $1.00; 50 for $4.00.
5-7 feet, well branched, each 35c; doz. $3.00; 50 for $9.00.

Unless otherwise mentioned, prices are per express or freight at the purchaser's expense. Add for packing extra as stated above, unless trees of malling size are ordered.

CABERNET—This variety of the pink class is an old favorite, bearing well. The fruit is medium size, red, smooth, moderately firm and juicy. The color is firm and the flavor delicious, brisk, and sub-acid. Its keeping qualities are exceedingly good. It ripens from mid-October to mid-November.

DUCHESS—Very hardy, productive, and vigorous, bearing well. The fruit is large, round and firm, and is first class for cooking and eating. It keeps very well, ripening from mid-September to mid-November.

EARLY STRAWBERRY—The fruit is elongated, firm, and juicy. The color is firm and the flavor delicious, brisk, and sub-acid. It ripens from mid-September to mid-November.

FRANCIS--Has been very decided success in the Northern States. The fruit is large, round, firm, and juicy. It ripens from mid-September to mid-November.

HERALD—The fruit is very large, round, firm, and juicy. The color is firm and the flavor delicious, brisk, and sub-acid. It ripens from mid-September to mid-November.

HERALD—This variety originated here at Faribault, Minn., some 15 years ago and has grown into favor with all fruit growers of the Northwest, being far above all other varieties of its class. The fruit is large, round, well colored with red, and is first class for cooking and eating. It keeps very well, ripening from mid-September to mid-November.

JULY—The fruit is round and firm, medium to large in size, streaked with red and yellow, and is tender, juicy and pleasant to the taste; very hardy and productive.

MARIAN—A fine variety of the pink class, bearing well. The fruit is of medium size, red, smooth, medium to firm, and juicy. It ripens from mid-October to mid-November.

NORTHERN EXCELLENT—The fruit is round, large, firm, and juicy. The color is firm and the flavor delicious, brisk, and sub-acid. It ripens from mid-September to mid-November.

SUGAR—The fruit is round, large, firm, and juicy. The color is firm and the flavor delicious, brisk, and sub-acid. It ripens from mid-September to mid-November.

STRAWBERRY—The fruit is round, large, firm, and juicy. The color is firm and the flavor delicious, brisk, and sub-acid. It ripens from mid-September to mid-November.

Walnut Trees.

AMERICAN—This variety originated here at Faribault, Minn., some 15 years ago and has grown into favor with all fruit growers of the Northwest, being far above all other varieties of its class. The fruit is large, round, well colored with red, and is first class for cooking and eating. It keeps very well, ripening from mid-September to mid-November.

THE BEEL—The fruit is round, large, firm, and juicy. The color is firm and the flavor delicious, brisk, and sub-acid. It ripens from mid-September to mid-November.

WHITNEY—The fruit is round, large, firm, and juicy. The color is firm and the flavor delicious, brisk, and sub-acid. It ripens from mid-September to mid-November.

Cherry Trees.

American Elfi—Some of the finest specimen trees in our country are American Elfi. They are exceptionally hardy, productive, and of good quality. The fruit is dark red, melting and juicy, with a slightly acid flavor, and ripens early.

Trees, 4 to 5 feet, by express, 40c each; ½ doz. $2.25.

Orchard and Shade Trees.

AMERICAN ELFI—Some of the finest specimen trees in our country are American Elfi. They are exceptionally hardy, productive, and of good quality. The fruit is dark red, melting and juicy, with a slightly acid flavor, and ripens early.

Trees, 4 to 5 feet, by express, 40c each; ½ doz. $2.25.

CRAB APPLES.

TRANSCENDENT—This tree is very productive, bearing after the second year and producing good crops of the fourth year. The fruit is firm, one and one-half to two inches in diameter—large enough to quaff, and is very desirable for preserving and drying. It is excellent for sauce and pies and the best of its class for cider. The skin is yellow, shaded with red.

EARLY RICHMOND—The tree is an excellent grower, with spreading head, and is very hardy and productive. The fruit is dark red, melting and juicy, with a slightly acid flavor, and ripens early.

Trees, 4 to 5 feet, by express, 40c each; ½ doz. $2.25.

Cut-Leaved Weeping Birch.
Evergreen Trees.

A class of indispensable trees for windbreaks, which are also valuable for ornamental planting, since they are always objects of beauty, summer and winter alike. A yard, partly surrounded by a row or two of nice Evergreen Trees, has always a graceful and elevated appearance. For windbreaks, Evergreens with their thickly growing needles and closely interlining branches, are most effectual.

"THINK OF IT!" A few dozen Spruce, Pine, or Arbor Vitae, planted on the north and west sides of your house and outbuildings, then a little judicious care and a few years of growth, and you have something that baffles the blasts of winter and turns them over your head as effectually as a solid wall; the cost is trifling, considering the comfort, great benefit and value added to your home.

In planting never allow the roots to be exposed to the sun for a single moment. A mulching of straw or leaves will be found very beneficial, especially in dry seasons. Allow the trees to branch freely near the ground. This prevents the soil drying out quickly around the roots and adds to the beauty and effectiveness of the tree.

The prices on all Evergreens and trees are per express or freight, the charges to be paid by the purchaser. For packing on trees, please see preceding page.

DOUGLAS SPRUCE.—We emphatically claim that this is the tree for universal planting. It is the most rapid grower of all the conifers; the foliage is soft, and somewhat resembles the Hemlock. It is a grand tree. Trees 12 to 18 inches, each 25c; per 10, $2.25; per 25, $5.00.

COLORADO BLUE SPRUCE.—Without doubt the finest acquisition we have ever had to our list of Evergreens. It is very hardy and symmetrical, with a most graceful arrangement of branches, and the foliage is a very rich, steel blue. It is incomparable in beauty. Trees, 12 to 18 inches, each 60c; per 10, $5.00.

NORWAY SPRUCE.—A lofty, elegant tree of perfect pyramidal habit; has fine, graceful and pendulous branches. One of the best Evergreens for hedges and windbreaks. Trees 8 to 12 inches, per 10, 75c; per 100, $6.00. 12 to 18 inches, each 25c; per 100, $15.00. 18 to 24 inches, each 35c; per 10, $3.00; per 25, 62c. 3 to 4 feet, 60c; each, per 10, $5.00. 5 to 6 feet, $1.00 each.

AMERICAN WHITE SPRUCE.—A pyramidal tree of dense growth, with silvery green foliage. Becomes a more compact tree in all respects than the Norway Spruce. It is one of the best Evergreens for ornamental purposes, and is also the most valuable for windbreaks, screens and hedges. Trees, 12 to 18 inches, each 25c; per 10, $2.00; 4 to 5 feet, $1.00 each.

LARCH, EUROPEAN.—This should not be classified with the Evergreens, as it looses its needles every fall. It is a very elegant, divided, with slender branches and best green needles, like Hemlock or Spruce. Trees, 12 to 18 inches, per ½ doz. 60c; per doz. $1.00 each.

SCOTCH PINE.—A strong, hardy grower, fine for windbreaks; very robust, with dull, bluish green foliage. Trees, 8 to 12 inches, per 10, $1.35; per 100, $6.50. 12 to 18 inches, each 20c; per 10, $1.15.

WHITE PINE.—A well-known native sort, tall and stately. It is the quickest growing and most beautiful of all our native Pines. Trees, 8 to 12 inches, per 10, $1.15; per 100, $6.50. 12 to 18 inches, each 20c; per 10, $1.15.

AMERICAN ARBOR VITAE.

Grows rapidly and forms a most beautiful and very dense hedge. Of course it is not adapted to turn stock, but it forms the most desirable and ornamental screen to divide the lawn from other parts of the grounds, or for any other purpose. 8 to 12-inch, per 10, 75c; per 100, $6.75. 12 to 18-inch, per 10, $1.25; per 100, $10.00.

STRAWBERRIES.

Perfect flowered varieties are marked (s); the imperfect, marked (p), must have perfect flowered sorts planted with them, or they will not fruit.

PLANTS BY MAIL.

For the convenience of those who cannot be reached by the express companies, we will forward by mail, prepaid, plants of all the varieties enumerated in this list. At the dozen rate the plants will be mailed at the price annexed, without extra charge. At the hundred rate, if to be sent by mail, 25 cents additional per hundred plants must be remitted for postage. In quantities of a thousand please write for prices.

Prices on all varieties described below, except where others, be noted, 40c per doz. prepaid by mail, $1.25 per 100 plants not prepaid.

SENATOR DUNLAP.—(S.) A medium-sized variety of the Warfield type, which is very hardy, productive and a very pleasant plant. If grown in a good soil, it will stand neglect better than almost any other variety. The berry resembles the Warfield in size, color and shape.

WARFIELD.—(P.) One of the most attractive and popular varieties for planting with Warfield or Crescent, as it produces a large amount of pollen. It is of fine color and a good shiner. Ripens early.

CRESCEANT.—(P.) One of the hardiest standard varieties, which will produce a large crop where other varieties would fail, as it will stand an unusual amount of neglect. The berry is of medium size and fair in quality.

HEIDERWOOD—(S.) This is one of the best known varieties for planting with Warfield or Crescent, as it produces a large amount of pollen. It is of fine color and a good shiner. Ripens early.

BRANDYWINE—(S.) A strong, vigorous grower, and makes a large heavy plant. Berries, being firm and of a handsome red color, are very profitable to grow for the market. The berries are perfect, making it a good fertilizer for other varieties.

PEARER EARLE.—(S.) One of the most vigorous sorts, and best adapted for family gardens.

HALL'S Favorite.—(P.) As its name implies, this variety is very hardy and stands 40 degrees below zero without any protection. It is medium in size, very early and bears longer than any other variety. This berry is of great value to the northeast, being especially adapted to the wants of the farmer and amateur grower.

HALL'S FAVORITE.—(S.) Plant is a very strong grower, with foliage heavy and thick enough to protect the blossoms from frost and to furnish a good mulch in the winter. The season of ripening is early to medium, and the whole crop ripens in 70 days. The berries are large, of perfect, uniform shape, and color evenly to a deep, rich crimson, equal to the best in quality. They present an attractive appearance when crated; also keep, ship and sell well. The plant is a heavy cropper, even in old beds of ordinary soil.
BLACKBERRIES.

Should be planted in rows six or seven feet apart, and three to four feet apart in the row. We offer six of a variety at dozen rates; and 50 at 100, and 500 at 1,000 rates. If ordered by the dozen, we pay postage: at hundred and thousand rates, by express or freight, the purchaser pays the charges. Prices of all varieties: Doz., 50c prepaid; 100, $1.50, not prepaid.

LUcretia Dewberry—One of the low-growing, trailing blackberries. The plant is perfectly hardy and remarkably productive, with large, showy flowers. The fruit is from 1 1/2 inches long by one inch in diameter, and is soft, sweet and luscious throughout, ripening very early, before raspberries are gone. The plants should be well mulched with straw to keep the fruit from the ground.

Ancient Briton.

BLACKCAP RASPBERRIES.

Should be planted in rows 5 feet apart and 3 feet apart in the row.

CUMBERLAND—This new Black Cap is a wonder in size, and on account of its vigorous development of plants is harder than any known variety. It has no disease of elver cane or foliage; grows and is a tremendous producer of extra large, coal black berries, which are neither approached in size nor beauty by any other kind. Kansas or Gregg, remarkable for size, as they are, are simply "not in it," with Cumberland except that their season of ripening gives each a distinct place. Price, 75c per doz. prepaid by mail; $2.00 per 100, not prepaid.

GREGG—The leading late Black Cap is a very popular market sort. Price, 50c per doz., prepaid; 100, $1.75, not prepaid.

KANSAS—Ripens earlier than the Cumberland. Berries are as large or even larger than those of the Gregg, firm, jet black, very handsome and of delicious flavor. Exceedingly productive. Price. doz., 50c prepaid; 100, $1.75, not prepaid.

RED RASPBERRIES.

Postpaid at dozen rates. 100 rates not prepaid.

IMPROVED TURNER—The old time Turner with new vigor withstands the severest cold in the most exposed situations without injury. It is one of the best early sorts for the home garden and nearby markets, but is too soft for shipping. The canes make a strong, healthy growth and are very productive. Berries are of good size, bright crimson color, and of honeyed sweetness. Doz., 40c; 100, $1.25.

CUTHBERT—Very productive; berries large and of deep, rich crimson color. Ripening season medium to late. Doz., 40c; 100, $1.25.

LOUDON—Very hardy, vigorous and productive. Fruit, large, firm and bright crimson. It ripens medium late and is a splendid shipper. Doz., 50c; 100, $1.50.

THE COLUMBIA—Of the many promising Red Berries none of this valuable and profitable class come before the small fruit buyers with brighter promise than this. The fruit is cone-shaped, of dark red, almost purplish color. Fruiting season extends from July 10th to August 15th. It is an excellent shipper, and its productive habit is well seen in the fact that in 1,511 bushes produced an average of 8 quarts each. Each, 15c; 6 for 75c; 12 for $1.00; 100 for $6.00.

GOOSEBERRIES.

JOSSELIN GOOSEBERRY (Formerly called Red Jacket)—Results of the last ten years show conclusively that the Josselyn possesses the best foliage and is the most vigorous in growth of any Gooseberry in America; also that it is a very great cropper, producing fruit of the very best quality.

1 yr., each 15c; doz., $1.50, prepaid; 100, not prepaid, $5.00.

PEARL—A very prolific variety that has been well tested and found healthful, vigorous of growth, free from mildew and extremely productive. The fruit is pale green, large and handsome. 1 yr., strong, 15c each and doz., $1.25; postpaid; 100, $7.00, express or freight.

2 yr., strong, 20c each and doz., $2.00; 100, $10.00, express or freight.
GRAPE VINES.

The soil for Grapes should be either naturally dry, or artificially drained. Grapes will not thrive on low and wet soils, but will succeed best on high and dry ground, with enough slope to carry off the surplus water, and having a free circulation of air, which helps guard against the diseases of the vines—mildew, rot, etc. Good results may be obtained even on low lands if the soil is dry. Grapes do well on most any kind of soil that is dry enough and has sufficient fertility to produce a good farm crop.

Grapes should be planted in rows 6, 7 or 8 feet apart, and about the same distance apart in the rows. They do very well trained up on the side of any building or along the garden fences, occupying but little room, and furnishing an abundance of fruit.

There is scarcely a yard so small, either in country or city, that there is no room for one to a dozen or more of Grape vines.

...and two year old vines prepaid at price per single vine. Dozen and 100 by express or freight at purchaser's expense.

FARIBAULT, MINNESOTA.

DELAWARE—The bunches are small, compact, and sometimes shouldered; berries are small with thin but firm skin; flesh juicy, very sweet and refreshing and of best quality for both table use and for wine. Ripens with Concord or a little before; vine 1 yr., each, 10c; doz., 75c; 100, $4.50. 2 yrs., each, 15c; doz., $1.00; 100, $6.50.

Moore's Early.

is hardy, productive and a moderate grower. 100, $4.50. 5 yrs., each, 15c; doz., $1.00; 100, $6.50.

Moore's Early—Bunches are of fair size, and the berries large, round, with heavy blue bloom; the vine is exceedingly hardy and entirely exempt from mildew or disease. Very early, and desirable for first market. 1 yr., each, 12c; doz., 75c; 100, $4.50. 2 yrs., each, 15c; doz., $1.00; 100, $6.50.

Niagara.

NIAGARA—The vines are vigorous and productive, with tough, leathery foliage. Clusters are large and compact; the berries are large, of a greenish-white color and thin-skinned, with a tender pulp, which is exceedingly sweet and rich. Ripens with Concord. 1 yr., each, 10c; doz., 75c; 100, $4.50. 2 yrs., each, 15c; doz., $1.00; 100, $6.50.

CONCORD—A large, handsome grape of a dark purplish color, ripening very early. It is very hardy and productive and succeeds in every part of the country. On account of its high flavor and great keeping qualities this is one of the most popular market grapes. 10c each; 75c per dozen; $4.50 per 100.

WYOMING RED—Vine very hardy, healthy and robust, with thick, leathery foliage; the color of the berry is similar to the Delaware, but brighter, being one of the most beautiful of the amber or red grapes, and in size it is nearly double that of Delaware; flesh tender, juicy, sweet, with a strong, not unpleasant aroma. It ripens before Delaware, and is a valuable market grape. Each, 15c; doz., $1.50.

CAMPBELL'S EARLY—One of the hardest and most valuable varieties for our northwestern states. For description and price see page 98 and for illustration the last cover page.

WORDEN—This is one of our main market grapes. It is an enormous cropper, with vines hardy enough to ripen such crops, but the more fruit the vine bears the later it will ripen its fruit. It is an early, black grape, very large in berry and of good quality, selling well everywhere. In brief, the Worden is an improved Concord, being handsomer, larger in bunch and berry, nearly two weeks earlier, and of better quality. This is certainly a variety that is bound to please everybody. 2 yr. old plants, each, 15c; doz., $1.00.

CURRANTS.

RED CROSS—A strong grower with long clusters; berry is bright red and larger than Fay. It is far more productive and of better quality than either Fay or Cherry.

RED DUTCH—An old, well-known, standard variety.

WHITE DUTCH—Bush is an upright grower, vigorous and very productive; clusters are two to three inches long; berries average medium in size, are translucent, a little darker than White Grape, and of excellent quality. Ripens early.

NORTH STAR—This standard variety is of very vigorous growth and wonderfully prolific; the stems with thickly set fruit average 4 inches in length. The fruit is very sweet and rich, and unequalled for jelly, also making a fine dessert fruit. On account of its long, large clusters it can be more rapidly picked than other kinds. Berries are the same size as those of Red Dutch. 1 yr., doz., $1.00 prepaid; per 50, $2.00, not prepaid.

BLACK CHAMPION—Bush, vigorous and productive; fruit averages above medium in size, is fairly sweet and mild-flavored. A desirable variety for general culture.

Prices, except where otherwise noted: 1 yr., doz., 75c, prepaid; 100, by express, charges paid by purchaser, $3.50; 50 at 10c rate. 2-year-old plants, doz., 75c; 100, $4.50, not prepaid.

With $5.00 worth of Grape Vines, Small Fruit Plants and Ornamental Shrubs at Catalogue prices we offer Professor S. B. Green's book, "An Amateur Fruit Grower," for premium. This book covers the whole ground of propagating small fruit, their culture, varieties, packing, etc. No progressive fruit grower can afford to be without it. Selling price of this book, 50c. We offer it free with $5.00 worth of plants and shrubs.
SWEET WILLIAM.

Very pretty free flowering perennials in a variety of colors. They make very durable cut flowers. Good, strong plants, 10c. each; 6 for 50c.

BLEEDING HEART. DIELYTRA.

BLEEDING HEART—Dieyltra—This is a tuberous-rooted plant that blooms in the spring, and is favorably known almost everywhere. It requires only the ordinary culture of border plants. The roots should be divided every third year. The flowers are delicate pink, very graceful and are produced continuously from May to July. Each, 20c.; doz., $2.00.

RUDBECKIA, “GOLDEN GLOW.”

A glorious new, hardy, herbaceous plant, one that should find a place in every garden. It is of fine habit, vigorous growth, with early, continuous and immense blooming qualities; it will be found excellent also for cut-flower purposes. The stems are long and gracefully poised; the foliage is abundant and ornamental. It attains a height of from 6 to 8 feet. A small plant set out in the spring will produce hundreds of blossoms during August and September, each one as large as a fair-sized Chrysanthemum. (See cut.) Price, 15c. each, 4 for 50c.

EVERBLOOMING TRITOMA.

Tritoma Pfitzeri. One of the grandest bedding plants that have been introduced for many years, rivaling the Canna in attractiveness and equaling the Gladiolus for cut-flowers, the blooms keeping in perfect condition for a week or more after cutting. It is in bloom continually from June to November. The plant is perfectly hardy south of Cincinnati, but in the north should be wintered in a cellar by simply covering the roots with sand in a box or corner of the cellar, nothing more being required until early spring when it should be again planted in the garden. The fall frosts do not stop its blooming; it is most effective after the early frosts have killed all other flowers. Price, dormant roots, 25c. Seeds, 10c. per pkt.

HERBACEOUS PAEONIES.

It is surprising that so noble a flower, almost rivalling the rose in brilliancy of color and perfection of bloom, and equaling rhododendron in stately growth, should be so neglected. The first point in their favor is hardness. It may be truly said of them “that they are as hard as an oak.” In the severest climate the plants require no other protection than that which they afford themselves, and their vigorous habit and healthy growth, freedom from all diseases and insects are also important arguments in favor of their cultivation. Each succeeding year adds to their size and beauty. The foliage is rich and glossy and of a beautiful deep green color, thus rendering the plants very ornamental even when out of flower. They produce very large, plume-like, regularly formed blossoms resembling large roses. No other flower is so well adapted for large, showy bouquets. The Paeony may be planted either singly on the lawn or in borders. Where the lawn is extensive a large bed makes a grand showing.

RED—25c. each; doz., $2.50. WHITE—35c. each; doz., $3.50.

PINK—25c. each; doz., $2.50.
The Everblooming Dwarf Crimson Rambler.

This new rose, which was sent out by the name of Mme. Norbert Levavasseur, is a cross between Crimson Rambler and Glory of Polyantides, retaining the color of the former with the exceedingly free flowering habit of the latter, as well as its dwarf growth. The plants are very vigorous, growing to a height of about 24 inches. The foliage is dark, glossy, profuse and remarkably free from insects and fungus. The roses are borne in clusters, 30, 40 and 50 flowers to a cluster. They are in every way just like those of the Climbing Crimson Rambler and are produced perpetually.

It is the rose for bedding out. No garden, no matter how small or large, should be without it. There is no Rose in existence that equals it in freedom of bloom and perpetual blooming qualities.

Prices: 2 INCH POT PLANTS, ready March 20th, each 30c.; three for $1.20, prepaid by mail.

Ampelopsis Veitchii (Japanese or Boston Ivy).

This hardy vine clings firmly to the side of a house or wall, and will soon form a perfect mass of foliage. The leaves overlap with wonderful regularity. A beautiful climber and a great favorite. In autumn this unique plant assumes its greatest beauty, the foliage changing into a glowing mass of the brightest shades of crimson, scarlet, and orange.

**Strong vines, 25c. each; two for 40c., prepaid.**

Virginia Creeper, or Quinquefolia.


_Spiraea Van Houttei._

The hardiest of all the Spiraea. The bushes form fine, compact clumps. The pure white flowers are borne in such masses that they form great plumes drooping gracefully, giving the clumps the appearance of a snow bank of white loom. Each, 35c.

_Honeysuckle, Scarlet Trumpet._

This and its varieties are the handsomest in cultivation. It is a strong, rapid grower, and produces scarlet inodorous flowers. Each, 35c.

_Persian Lilac (Persica)._ Native of Persia. From 4 to 6 feet high, with small foliage and bright scarlet flowers. Each, 20c.

_Lilac (Purple)._ A well-known, strong-growing shrub, bearing large clusters of fragrant flowers early in spring. Each, 25c.

_Lilac (White)._ Like above, but has white flowers, making it more desirable to some. Each, 25c.

_Snowball._ A well-known and popular shrub, which grows to large size, covered with dense spherical clusters of white flowers, hence its name. Each, 25c.; large, 40c.

_Welgelia Rosea._ A very fine variety, bearing beautiful and showy rose-colored flowers in May; hardy, and easy of cultivation. Each, 25c. and 50c.

_Snowberry, White Fruit._ A medium-sized native shrub; flowers, small and numerous; berries abundant and snow white. Each, 25c.
HARDY ROSES.

The flowers of the Hybrid Perpetual class are generally large, double, and very fragrant; and being perfectly hardy, these roses may be planted out in the open ground and left all winter without any protection south of 42°. North of 42° they will need to be protected by laying down and covering with leaves or other litter.

They will for years continue to yield an immense crop of flowers in June, and many of them bloom freely throughout the season. If you wish to have flowers constantly in bloom, you will do well to bring them to perfection; they must have a very rich soil if you wish them to do their best. Do not let them suffer for want of water during the growing season; this is a matter of great importance.

GENERAL JACQUEMINOT—One of the grandest roses in existence. Sure to delight every lover of the beautiful, as nothing can surpass them in beauty. Color a rich dazzling scarlet, shaded with deep violet crimson, making a superb glowing color. Flowers large; free bloomer.

LA FRANCE—Peach-blossom pink, the model-garden rose; blooms all summer. Undoubtedly the most perfect type of a cut-flower rose. No variety surpasses it in delicate coloring—silvery roses, shaded pink with satiny sheen.

COQUETTE DES BLANCHES—One of the best white roses of its class; fine form, pure white with beautiful shell-shaped petals. Very suitable for cemetery planting.

BARON DE HONSTETTER—Blackish crimson, with vivid red shading.

PERSIAN YELLOW—Hardy yellow rose; best of its color. Strong field grown plants, 40c. each; 3 for $1.00, prepaid.

Moss Rose.

MOSS ROSES.

The Moss Roses are strong growers and perfectly hardy; they remain in bloom a long time, and are especially prized for their beautiful mossy buds.

Extra plants, field grown, Dormant, 40c.; 3 for $1.00, postpaid.

By express, $0.80; 4 for $1.00; doz., $3.00.

PERPETUAL MOSS (Blanche Moreau)—The best white moss rose. Flowers are produced in clusters and are large, full and sweet. Color is pure white; both flowers and buds have an abundance of dark moss.

CRESTED MOSS—Rose color, beautifully crested.

HENRY MARTIN—Rich, glossy pink, tinged with crimson; large, globular flowers; full and sweet; finely mossed.

CLIMBING ROSES.

Nothing can cover an arbor or veranda, or form a beautiful screen for an unsightly object, so charmingly as a Climbing Rose. Annual flowers require tenfold the care in yearly training and renewing than the Climbing Rose, which needs but one planting and increases in beauty as years go by.

CRIMSON RAMBLER (Polyantha)—This wonderful new Japanese Rose has rapidly obtained popularity and has been eagerly in demand. It is a climbing Rose of vigorous habit, rapid growth and produces in marvelously abundant large clusters of bright crimson semi-double flowers. A splendid climber, for covering walls, verandas, pillars, etc., and its profusion of bloom is astonishing.

YELLOW RAMBLER—Grand new variety, like above except that it is golden yellow and is one of the most satisfactory sorts.

CLIMBING WHITE PET—Very rapid climber, making a wonderful growth, often 10 to 15 feet the first year. Blooms profusely. Flowers pure white, of medium size, very double, ever-blooming, fragrant and hardy. Bound to become a great favorite.

BALTIMORE BELLE—Pale blush, shading to rose color; very double; flowers in beautiful clusters.

GREVILLE OR SEVEN SISTERS—Blooms in large clusters, with flowers varying from white to crimson. Perfectly hardy.

PRAIRIE QUEEN—Rose clear, bright carmine-pink, sometimes with a white stripe; large, compact, and globular; very double and full; the best hardy climber in this climate.

Any of the above large-sized Dormant Roses, 40c. each; 3 for $1.00, prepaid.

South Orange Perfection.
SPECIALTIES AND PREMIUMS.

The U. S. 60 Pound Family Scale.
The most practical Scale for all purposes, made of tough malleable steel, finished in black enamel, and dial is of extra large size, made of aluminum, which will never tarnish or become dull. It is absolutely correct at all weights. The springs used in these Scales are tempered and ground at a time, and afterwards flashed in tallow, which retains the carbon in the steel, making a tough, pliable spring which will never weaken, but retain its strength exactly the same for years. Has extra heavy post and top and will hold anything that can be weighed on a Scale of this capacity. Height, 10 inches. Shipping weight, 12 pounds. Price, $2.00.

U. S. 24 Pound Family Scale.
Made of steel, with steel top and white enamelled die. Well finished in black enamel. It weighs 24 pounds by ounces. Occupies but little space, is light and easily carried. It can be regulated by turning the brass screw on top. It is always ready and is easily understood. It is a combination Scale, Balance, and hanging weights can be lost. You can look this one in the face to prove its accuracy without looking for weights. Every Scale is examined before leaving the factory, and is warranted correct. Weight, boxed, 6 pounds. Price, $1.15.

U. S. 60 POUND FAMILY SCALE.
HOW IT CAN BE SECURED AS A PREMIUM.
This Scale, illustrated and described above, we offer as a premium with an order for $30 worth of our Clover-Grass Mixtures, ordered from pages 13-16, at the catalogue price. It is also offered with Grass, Clover Seeds and Millet, from pages 1-17, to the value of $30, and with all other Farm Seeds and Seed Potatoes, to the value of $10. Garden Seeds and Plants may be included with any of the above named orders.
If your order is too small to secure the U. S. 60 Lb. Family Scale, then secure the order of your neighbor, who you know will be well pleased with our Seeds; for every dollar lacking $30, send us $6, extra to secure the premium; for every dollar short of $30 send us 50c extra, and on every dollar lacking $50, send us 50c extra to obtain the premium.

U. S. 24 POUND FAMILY SCALE.
HOW THIS CAN BE OBTAINED AS A PREMIUM.
With $20 worth of Clover-Grass Mixtures, ordered from pages 13-16, with $20 worth of Grass, Clover Seed and Millet, from pages 1-15, and with all other Farm Seeds and Seed Potatoes, to the value of $25, the above described 24 Lb. U. S. Family Scale can be secured as a premium. Vegetable and Flower Seeds, Fruit Plants and Shrubs may be included with any of the above named orders.
We offer this elegant Scale also with $10 worth of Vegetable and Flower Seeds at catalogue prices. Collections are, however, excluded.

UNION FAMILY SCALES.
This Scale that we offer here- with is manufactured by the Fairbanks Scale Co., whose scales have a world-wide reputation for accuracy and durability, and are acknowledged by everybody as the standard Scales. These Scales are made of the best material throughout, with finely tempered steel bearings and pivots, where both strength and extreme hardness are required, and with carefully proportioned iron levers and frame. For use in a farm house or in any family, this is the best, as the heavier weighing may be obtained by placing loads upon the platform, and the finer ones with the load in hand. The Scales have a capacity of ½ oz. to 30 lbs. for finer weighings, and ½ lb. to 240 lbs. for the coarser weighings. The platform is 10¾ x 3½ inches. Price of Scale, $1.80. We do not offer the Union Family Scale as Premium.

Watch Chains.
As the watches that we offered so far, either as premiums and also for low cash prices have been met with so much approval by our patrons we have decided to add a handsome heavy silver plate watch chain to our list of premiums. They are up-to-date in every respect, and of a very attractive finish. The swivel and bars are of extra heavy silver plate stock to withstand the extra wear on these parts. Our chains will give an average wear (according to use and abuse) of from 2 to 5 years. Cash price of Watch Chains, $1.20 each.

We offer a handsome Watch Chain as a premium with $15.00 worth of Clover Grass Mixtures, selected at catalogue prices from pages 13-16, and also with $20.00 of other farm as well as garden seeds, selected from p. 18-82.

Eclipse Watch.

This cut represents the Eclipse Watch, the handsomest and most beautifully engraved gold or silver plated Watch ever offered for such an extremely low price. The movement is of regular size, and only slightly beneath an inch in thickness, stem wind; weight, complete with case, only three ounces; runs 30 to 36 hours with one winding; hour, minute and regulated, and a guarantee for one year is given in each case. 'Eclipse' is up-to-date in high-class workmanship, as well as in good finish. It is a first-class timekeeper, and will last as long as the most expensive watch. Price, $2.00.

We offer the "Eclipse" as premium with $25 worth of our Clover-Grass Mixtures, selected at catalogue prices from pages 13-16, or with an order for $25 worth of Farm Garden and Clover Seeds and Seed Potatoes ordered from pages 17 to 72 of our catalogue at the prices given therein, 1 to 9 are excluded from this offer. Ladies' Midget Watch we offer the same as the Eclipse.

Ladies' Midget Watch.

This beautiful little watch is made by the same firm that supplies us with the Eclipse and Champion Watches, and is a most accurate time-keeper. The case is handsomely faced, and is beautifully finished. It is guaranteed for a year and will last as long as a high priced watch. It is small and light, being of regular No. 6 size. Cash price of Watch, $2.00.
"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 standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

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

This has long been the most popular combined tool made. From a drill it is changed to its other uses by removing two bolts, when hoe, etc., can be quickly attached. It is an excellent drill seeder also a first class double and single wheel hoe. It is an everyday time and labor saving machine and a remedy for weedy aches. Price, $9.50; with rakes 75c, pair extra.

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

This is the latest and most perfect development of the hand-seed drill. It sows evenly in drills, and also drops 6, 8, 12 or 24 inches apart. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seed in the thickness desired. The accurate hill-dropping drill, which gives a regular number of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. Price $16.50.

"Planet Jr." No. 4, Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator & Plow.

This admirable tool combines in a single implement a hill dropping seeder, a single wheel hoe, a cultivator, and a plow. It holds 2 quarts, and as a seeder it sows in continuous rows, or drills in hills at different distances. The drill is detachable and the tool substituted by removing but one bolt. It is useful almost every day during the season, at every stage of garden work. Price, Complete $14.00; as a seeder only, $11.50.

"Planet Jr." No. 6, Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow.

This is the most popular combined single wheel tool made. It combines in a single implement, a first class hill dropping seeder, a single wheel hoe or seeder, cultivator and a plow. The hopper holds two quarts of seed, which can either be sown in continuous rows, or dropped in hills 4, 6, 8, 12 or 24 inches apart. The drill is easily detached and tool frame substituted, making a single wheel hoe. It is very useful almost daily during the season, and with it the gardener can practically do all the work on his small crops and in the garden. Price, Complete $14.00; as a seeder only, $11.50.

"Planet Jr." No. 25, Combined Hill and Drill Seeder and Double Wheel Hoe.

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. As a drill it is almost identical with No. 4, and as a hoe it is the same as No. 12. The change from drill to wheel hoe takes but a moment, and the entire combination is one we can heartily recommend and guarantee satisfactory. Price $15.50.

"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 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set at 3 different heights.

Price, $6.85; with rakes 75c, pair extra.


This tool is the "Planet Jr." No. 12, with the 6-inch hoe only—these being the tools that are most generally useful. Any or all of the other tools shown in the above cut may be added at any time.

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

This implement has one pair 6-inch hoes, 3 cultivator teeth, one 7-inch and one 4-inch rake, a large garden plow and leaf guard. Price, $5.50.

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

This tool is the same as "Planet Jr." No. 16, but has a pair of 6-inch hoes, a plow and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time, as desired.

Price, $4.75; with rakes 75c, pair extra.

"Planet Jr." No. 17½, Single Wheel Hoe and Cultivator.

This tool is similar to No. 17, except it only has one pair hoes and three cultivator teeth. Price $4.25.


"Planet Jr." No. 8, Horse Hoe and Cultivator.

The depth and width are under perfect control by means of levers. Price $9.00.

If interested in other Garden Implements, or in 1-horse and Sulky Cultivators, please write us for a complete Illustrated Catalog of the "Planet Jr." tools, and prices. We handle their complete line.

SPECIAL OFFER—Those of our customers who want to take a little trouble can obtain one of the below described Drills free, as we have decided to send either of them as a premium for Vegetable and Flower Seeds in PACKETS ONLY, to the amount of $5.50. Our Collections of Vegetable and Flower Seeds are, however, excluded from this offer.

EUREKA SEED DRILL—For small plots and hot beds. It will open the drill, sow and cover Beet, Cabbage, Carrot, Celery, Lettuce, Radish, Turnip, and all such Seeds with perfect regularity. It sows much more evenly and ten times as rapidly as by hand. The quantity of seed to be sown can quickly be regulated and also the depth. It is the only drill made for sowing in hot beds. Will sow a small packet of seeds as well as larger bulbs. Simple, easily understood and cannot get out of order. Heavier and stronger than the Acme, and cannot be sent by mail. Price $1.00; delivered by express, 80c, extra.

ACME SEED DRILL—A garden seed drill that will open a furrow and distribute Beet, Cabbage, Carrot, Celery, Lettuce, Onion, Radish, Turnip, and all such Seed with perfect regularity. A single packet as well as larger quantities can be sown. Just the thing for those who gardens are too small to use a "Planet Jr." or other drills that cost from $5.00 to $10.00. Price, delivered to any postoffice, only $1.25; by express, not prepaid, $1.00.

Eureka Drill.
Seldom Equaled. Never Exceeded.

HARDY NORTHERN GROWN VEGETABLE SEEDS.

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.

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, a great variety of vegetables are grown here to perfection, and the Seeds produced excel all others by their greater vigor and vitality, their hardness, 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.

PREMIUMS On all orders for 50 cents worth of Seeds in packets we allow you to select 10 cents worth of Seeds in packets extra and on an order amounting to $1.00 for Seeds, also in packets, 25 cents worth of Seeds in packets may be chosen extra. For 50 cents you therefore get 60 cents worth of Seeds, and for $1.00, $1.25 worth. This special offer refers to Seeds in packets only; Seeds put up in ounces, quarter pounds and larger quantities are excluded from this offer, also our Vegetable and Flower Seed Collections.

OUR PRICES Include postage on packets, half pints, pints, ounces, quarter pounds and pounds. On quarts and larger quantities of Peas, Beans and Corn, add at the rate of 15c., per quart if to be sent by mail.

MARKET - GARDENERS, FARMERS' CLUBS and INSTITUTES Wanting to purchase Seeds in large quantities should write for special prices. Altho we have made prices very low in this Catalog, yet where a number of pounds or bushels are wanted we can frequently supply same at a lower price than by the single pound or bushel. In writing, give a list of quantities and varieties required, and we will return list promptly with lowest cash price for the lot.

ARTICHoke SEED.

LARGE GREEN GLOBE—Pkt., 5c.; oz., 25c.

ASPARAGUS SEED.

COLUMBIAN MAMMOTH WHITE—A new, distinct variety, with pure white shoots which remain white as long as it is used without artificial blanching. Pkt., 5c.; lb., 75c.

CONOVERS' COLOSSAL—A well tried, standard variety of large size, quick growth and excellent quality. Pkt., 5c.; oz., 8c.; ½ lb., 20c.; lb., 50c.

EARLY GIANT ARGENTEAU—This deserves the attention of market gardeners and private planters, for it is a mammoth sort and the earliest variety in existence. Gardeners who want large Aparagus, and want it early, can find no better sort than the Early Giant Argenteau. Pkt., 5c.; oz., 15c.; ½ lb., 30c.

ASPARAGUS ROOTS.

One year old roots of any of the above varieties, by mail postpaid, 12 for 30c.; 25 for 50c.; by express at your expense, 25 for 35c.; 100 for $1.00.

BROCCOLI.

Very much like the Cauliflower, but harder, and preferred by many to that vegetable.

LARGE WHITE CAPE—The best large-headed white variety. Pkt., 5c.; oz., 30c.; ½ lb., $1.00.

PURPLE CAPE—Very fine for use in the North, and quite extensively grown. Pkt., 5c.; oz., 30c.; ½ lb., $1.00.

BRUSSELS SPROUTS.

This is a most delicious and easily grown vegetable, which should be in every garden. (See cut of same at the right.)

Pkt., 5c.; oz., 15c.

I. E. Leffler, Cherokee County, Indian Territory.

E. A. Grell, Cass County, North Dakota.

Michael Opec, Madison County, Illinois.

“...”
BUSH BEANS, WAX PODDED VARIETIES.

Our prices include postage on packets, half pints and pints. On quarts and larger quantities add at the rate of 15c. per quart, if to be sent by mail.

Round-Pod Kidney Wax.
The most valuable Wax Bean yet introduced. This handsome variety is an improved type of the well-known Wardwell's Kidney Wax, and, besides having that popular variety's luxuriant growth, it is also entirely stringless. The pods are round, long, straight and extremely handsome. It is an exceedingly heavy bearer. 100 pods having been counted on a single bush, and is fully as early in maturing its pods as the Wardwell's Kidney Wax, and is of excellent quality. We consider it very desirable, especially for the home garden. Pkt., 5c.; 1/2 pint 15c.; pint 25c., prepaid; quart 25c.; peck $1.75; bu., $6.00, not 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, handsome pods. These are of good quality and always command a ready sale, making the variety one of the best for market gardener. Pkt., 5c.; 1/2 pint 15c.; pint 25c., prepaid; quart 25c.; peck $1.60; bu., $6.00, not prepaid.

Davis Kidney Wax.
The hardy and productive wax podded bush bean in cultivation. The vine is rustless and very vigorous, bearing its pods near the center in clusters. The pods are invariably long, white, straight and handsome and when young are brittle and tender. Seed clear white, excellent for baking. One of the best for shipping as snap beans and of the greatest value as a dry bean variety. Pkt., 5c.; 1/2 pint 15c.; pint 25c., prepaid; quart 25c.; peck $1.50; bu., $5.00, not prepaid.

Crystal White Wax.
An attractive and good variety. Vines large, spreading, very productive. Pods silky-white, short, curved, round, with a creep in the back; very fleshy and brittle. Very desirable for pickles. Seed small white. Pkt., 5c.; pint 25c., prepaid; quart 25c.; peck $1.75; bu., $6.50, not prepaid.

German Black Wax or Butter Bean.
This is no doubt the earliest and one of the most productive of all Beans, and is positively rust-proof. Vines medium sized, very vigorous and hardy. Pods of medium size, borne well up from the ground, cylindrical, fleshy and of a clear, creamy white color, remaining a long time in condition for use as a snap. Pkt., 5c.; 1/2 pint 15c.; pint 25c., prepaid; quart 25c.; peck $1.50; bu., $5.00, not prepaid.

Jones' Stringless Wax.
A new and desirable yellow pod bush bean with white seeds. The pods are round and plump and when young are dense, fleshy, and as handsome in the basket as on the bush. The pod is perfectly stringless. The plants make a vigorous growth and are uniformly productive. A most valuable variety. Pkt., 5c.; 1/2 pint 15c.; pint 25c., prepaid; quart 25c.; peck $1.75; bu., $6.50, not prepaid.

GREEN PODDED VARIETIES.

Refugee, or Thousand to One.
Fifteen inches in height, branching freely, exceedingly hardy, with small, smooth leaves; highly esteemed for late planting and for canning and pickling. Pods long, cylindrical, green, becoming white streaked with purple as they mature; of good quality as snap. Pkt., 5c.; 1/2 pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.25; bu., $4.50, not prepaid.

Extra Early Refugee.
The plants are equally as productive as the late variety and produce fine pods ten days to two weeks earlier. Pods are of a light green color, solidly fleshy and of mild flavor. Pkt., 5c.; 1/2 pint, 15c.; pint, 20c., prepaid; quart, 25c.; peck, $1.15; bu., $4.00, not prepaid.

Early Mohawk.
This sort is so much harder than the others that it can be planted earlier and often will furnish beans fit for use before any other kind. Vines large, stout, with large, coarse leaves; pods long, straight, coarse, flat, with long, tapering points. Pkt., 5c.; 1/2 pint, 15c.; pint, 20c., prepaid; quart, 25c.; peck, $1.15; bu., $4.00, not prepaid.

The Cost of the Very Best Seeds is so small, compared with the value of the resulting crops, that sensible planters know they cannot afford to risk seeds of doubtful pedigree, and we know just as well that we cannot afford to risk our hard earned reputation by selling stock of uncertain character.
BEANS, Green Poddcd Varieties, Cont.

Stringless Green Pod.

This Bean is unequaled for the home garden. It has a combination of features that make it the best for this purpose. Very hardy, early (even before the Red Valentine), prolific and absolutely stringless. The pods are of a deep green color, quite round, straight and broad, with thick, meaty flesh. Repeated planting can be made at intervals of 12-14 days for a continued succession as late as Sept. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.35; bu., $4.75, not prepaid.

Giant Stringless Green Pod.

This Bean has a much larger and handsomer pod than the Valentine, without any strings. It is distinct from the Stringless Green Pod, as the Giant Stringless has a much larger pod, and is a few days later. It is very prolific, and yields many more, better and larger pods. It is equally valuable for the gardener and the home gardener. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.25; bu., $4.75, not prepaid.

Bountiful Stringless.

Absolutely stringless. Extra early. Tender, large podded and a bountiful yield. An improved Long Yellow Six Weeks, being of Long Yellow Six Weeks, harder and producing many more, better and larger pods. It is also very prolific, and yields many more, better and larger pods. It is equally valuable for the gardener and the home gardener. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.25; bu., $4.75, not prepaid.

Dwarf Horticultural.

The beans are very large, easily shelled, and although of quite different form, are about equal to the Lima in quality. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.00, not prepaid.

Large White Marrow.

Very early, productive and of excellent quality, either when green or dry. Pkt., 5c.; ½ pint, 10c.; pint, 25c., prepaid; quart, 25c.; peck, $1.00, not prepaid.

Broad Windsor.

Pkt., 5c.; ½ pint, 10c.; pint, 25c., prepaid; quart, 25c.; peck, $1.50, not prepaid.

Dwarf Lima Beans.

These Beans cannot be recommended too highly—no home garden should be without them.

Henderson's Bush Lima.

A perfect bush, about 18 inches high, maturing its first beans two weeks before any Pole Lima. The beans are of the size of the small or small Pole Lima, and are of delicate quality. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.60, not prepaid.

Burpee's Dwarf Lima.

The plants grow to 20 inches in height, and develop into magnificent circular bushes from 2 to 3 feet in diameter, each bush bearing from 50 to 100 large handsome pods. Beans are of the same size as the well-known large Pole Limas. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.60, not prepaid.

Pole Beans.

Golden Cluster

A strong, vigorous grower, requiring a pole 6 to 8 feet high. It bears its bunch of yellow pods in clusters of 6 to 8 pods at once. The plants are hardy, easily grown and most productive. One of the best later Pole Beans for snap, the dry beans are excellent for winter use. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.60, not prepaid.

Old Homestead or Kentucky Wonder.

By careful selection of seed stock we have greatly improved this grand old variety, so that it now pre-eminently stands at the head of all known varieties of Pole Beans in point of earliness, productivity and fine table quality as a snap bean. It is ten days earlier than any other green Pole Bean, being fit for the table by the first of August. This Bean is enormously productive and entirely stringless. The pods, though large, are tender and delicious. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $2.00, not prepaid.

Golden Carmine Horticultural.

See description on first inside cover. Pkt., 10c., ½ pint, 20c., 25c., prepaid; quart, 40c.; peck, $2.00, not prepaid.

Lazy Wife.

Pods are wonderfully broad, thick, and above all entirely stringless, and when fully grown are from four to six inches long. They are exceedingly rich, buttery and fine flavored when cooked. They are hardy, easily grown and most productive. One of the best later Pole Beans for snaps, the dry beans are excellent for winter use. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.75, not prepaid.

Tall German Black Wax.

A very good snap sort, maturing in seventy days from time of germination; also excellent for shell beans. Seeds are glossy black. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.75, not prepaid.

Horticultural or Speckled Cranberry.

An old favorite, excellent both as snap and shell bean. Beans are large and of fine flavor. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.75, not prepaid.

Cut Short or Corn Hill.

A very popular variety for planting amongst Corn. Pkt., 5c.; ½ pt., 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.75, not prepaid.

King of the Garden Lima.

The best Pole Lima Bean. Yields very vigorous and productive. Pods very long, filled with four or five immense white beans of the finest quality. On account of its large pods it is a favorite with market gardeners. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.75, not prepaid.
**GARDEN BEETS.**

**F. S. Co's Improved Half-Long Blood Beet.**
These roots are symmetrical and of a dark red color. The top is small and the root forms a rich and uniformly dark color, so that not a light colored leaf is to be found in a field of 20 acres. Such a field is a beautiful sight. In form this elegant Beet is thick at the top, tapers to a point and is only half as long as the Long Blood. It is always smooth and handsome, very sweet, crisp and tender. It never becomes woody. The best Beet for winter use. Pkt. 25c.; oz., 10c.; lb., 15c.; lb., 50c., prepaid.

**Edmund's Blood Turnip.**
Very uniform. Roots always smooth and handsome, top small, of good marketable size, and among the best for table use. Color dark red; crisp, tender and sweet; good keeper. Pkt., Sc.; oz., 5c.; lb., 15c.; lb., 50c., prepaid.

**Crosby's Improved Egyptian.**
(See cut of this variety at left.)
This variety is sowm 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 shape is very desirable, not so flat as the Egyptian, nor as round as the Eclipse. Flesh bright red, with zones of a darker shade, fine quality. Pkt., Sc.; oz., 10c.; lb., 20c.; lb., 60c., prepaid.

**早** to the right-growing beet, and the only one to have this variety in the market. It is strong, early, and home-grown. Pkt., Sc.; oz., 5c.; lb., 15c.; lb., 50c., prepaid.

**Market Gardener's Beet.**
When of the same age as the Egyptian it is larger, and continues to grow until late in the Fall, attaining a large size and making a good selling and eating beet for canning. When cooked the beet is a beautiful dark red throughout, fine grained and unsurpassed in quality. The skin is a deep blood red, the color of the flesh alternates in layers of blood red and light red. Pkt., Sc.; oz., 5c.; lb., 15c.; lb., 40c., prepaid.

**Edmund's Blood Turnip.**
Very uniform. Root always smooth and handsome, top small, of good marketable size, and among the best for table use. Color dark red; crisp, tender and sweet; good keeper. Pkt., Sc.; oz., 5c.; lb., 15c.; lb., 50c., prepaid.

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**Crimson Globe.**
The root is of medium size, of very handsome globe-shape, and has a remarkably smooth surface. Flesh is fine grained, sweet and tender in all stages of growth, both skin and flesh are deep, rich red. There is a very small tap root. The leaves are small, very dark green and borne on slender, upright growing-stems. The fine shape and color of the roots, their tenderness, fine flavor, and early maturity render them popular with all who plant them. Pkt., Sc.; oz., 10c.; lb., 15c.; lb., 50c., prepaid.

**Columbia.**
This distinct new beet heavily, of finest quality and great uniformity in size and shape of roots. It is of turnip-shape, with smooth, clear skin and deep blood red flesh of the finest quality; it does not become tough and woody when of large size; tops are small. Pkt., Sc.; oz., 5c.; lb., 15c.; lb., 50c., prepaid.

**Early Eclipse.**
A very early maturing Beet, especially desirable for the home garden. Top of medium size. Roots nearly globular, with a small tap and a small collar. Flesh bright red, zoned with white, very sweet, crisp and tender, especially when young. Pkt., Sc.; oz., 5c.; lb., 15c.; lb., 50c., prepaid.

**Swifts Chard.**
Cultivated for its leaves. The midribs are seed and served as Asparagus, other portions of the leaf used for greens, same as Spinach. Pkt., Sc.; oz., 10c.; lb., 15c.; lb., 50c.
Farmer Seed Co's., American Grown Cabbage Seed.

First Early Sorts.

**THE NEW**

Harry F Stroup, May Yours A April and considerably Jersey $1.60, class, deniers Pkt., a few earliness this A 50c.; same w Sirs:' A 20c.; great, compact, S,醒来 Early sort to market about 1300 the for early market and for home use. Pkt., 5c; oz., 20c; lb., 60c; lb., $2.00, prepaid.

**Early Spring.**

The earliest flat head Cabbage. As early as the Jersey Wakefield, stem short, heart very small, making almost entire head fit for use, quality extremely fine, small veins, no sign of coarseness. It has few outer leaves, thus allowing close planting, yielding more heads on the same space than any other variety. Plant about 21 inches apart, this will allow about 1800 plants per acre.

A very valuable variety for extra early market and for home use. Pkt., 5c; oz., 20c; lb., 60c; lb., $2.00, prepaid.

**Early Jersey Wakefield.**

The standard sort and market gardener's favorite. The heads are hard, compact, solid, and of conical shape. The seed we offer is first class, sure to give satisfaction. Pkt., 5c; oz., 15c; lb., 50c; lb., $1.00, prepaid.

**Charleston or Large Wakefield.**

A strain in which the plant is larger, and a little later than Early Jersey Wakefield, the head being fully as solid, but less pointed, and considerably larger. Exceedingly hardy 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., 15c; lb., 50c; lb., $1.00, prepaid.

**Minnesota's Earliest.**

The earliest pointed head Cabbage, producing heads of good size fully a week ahead of the Jersey Wakefield. Pkt., 5c; oz., 15c; lb., 60c; lb., $1.00, prepaid.

F. S. Co's. Improved Winningstadt. (The Prussian Prize Stock.) The popularity of the Winningstadt Cabbage in all sections of the world is proverbial; but there is a great difference in the quality of the stocks. Some will produce heads of twice the size of others; the finest is grown in Northern Prussia. It is from this section that this famous strain was introduced a few years since, which has become very popular with our market gardeners, and especially so with the Germans; it is invaluable. Pkt., 5c; oz., 15c; lb., 40c; lb., $1.35, prepaid.

**Glory of Enkhausen.**

A novelty from Holland, introduced a few years ago, which is going to stay. It is very early, only little later than Jersey Wakefield, but produces quite large ball-shaped heads, double the size of the Jersey Wakefield, which are extremely solid, fine ribbed, 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 a fine Cabbage for the home garden. Pkt., 5c; oz., 20c; lb., 60c; lb., $2.00, prepaid.

Our Cabbage Seed is grown under our own general supervision, and we know from experience, covering a period of over twenty years, that there is no Seed which is more reliable, and none that can be more implicitly depended upon than our own American grown Seed.

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Dear Sirs:

"Your Onion Seed is the best I ever grew, always gives satisfaction."

Yours truly, Harry L. Greenly, Ward County, North Dakota.

April 12th, 1907.

F. J. Stroup, Codington County, South Dakota.

May 10th, 1907.
CABBAGE, Second Early or Summer Sorts.

ALL-HEAD

MOS'T
RELIABLE
CABBAGE
RAISED.

SURPRISE

BEST
SECOND
EARLY
VARIETY.

If a gardener were to plant but one kind of Cabbage, he could get none that would answer all purposes as well as the All-Head Early. Nothing else of its kind is so fit to reach the cultivator. It is the best of the large flat-headed Cabbages, and is the finest of any of the small varieties. It is a grand variety for the home garden and one of the most profitable of all. It is best to grow in Spring and early Summer, and is also very fine for Winter use.

The All-Head Early is one of the most profitable cabbages to grow, as, on account of its compact habit of growth, a close planting can be made. Should be planted 3 x 1/2 feet apart, which allows about 800 plants per acre, and is about 100 heads more than can be grown of any other large cabbage per acre. It is a grand variety for the home garden and one of the best to grow for the market. Pkt., 5¢; oz., 15¢; 1/2 lb., 60¢; 1 lb., $1.60, prepaid.

The Volga.

For full description see inside first cover. Pkt., 10¢; oz., 25¢; 1/4 lb., 90¢; 1 lb., $3.00, prepaid.

Henderson's Early Summer.

This superior Cabbage is about double the size of Jersey Wakefield, and ready slightly sooner. Having short outer leaves it can be planted closer than most sorts. Pkt., 5¢; oz., 15¢; 1/4 lb., 50¢; 1 lb., $1.00, prepaid.

Henderson's Succession.

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., 5¢; oz., 15¢; 1/4 lb., 50¢; 1 lb., $1.75, prepaid.

All Seasons.

A greatly improved strain of Early Flat Dutch. Heads 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. Plants are very vigorous and are sure to head; leaves large, smooth and of a dark color. Remarkable for its ability to stand the hot, dry weather. Our trial has shown that heads which were fit for market by July 10th, were still salable September 10th, the only chance being increased size and density. One of the very best sorts for general cultivation. Pkt., 5¢; oz., 15¢; 1/4 lb., 50¢; 1 lb., $1.75, prepaid; 5 lbs., $8.00; 10 lbs., $15.00, not prepaid.

Holland or Danish Ball-Head.

The most remarkable Cabbage yet produced, and also introduced only a few years ago, it is a great favorite with all who have grown it. The heads, which are very solid and deep, are of medium size, averaging about eight pounds in weight; in color they are entirely distinct, being a fine white. Their quality is superior, and they keep better than any other sort, being as solid and perfect when taken up in the Spring as when put away in the Fall. Our seed is American grown and sure to produce the finest and best heads. Pkt., 5¢; oz., 20¢; 1/4 lb., 60¢; 1 lb., $2.00, prepaid; 5 lbs., $5.75; 10 lbs., $16.00, not prepaid.

New 100-Weight.

A good main crop variety. Always sure to make fine heads, even in the most unfavorable seasons. The heads are remarkably uniform, very firm and fine in texture, and weigh from 10 to 15 pounds each. Pkt., 5¢; oz., 20¢; 1/4 lb., 60¢; 1 lb., $2.00, prepaid.

Late or Autumn and Winter Sorts.

Early Dwarf Flat Dutch.

An excellent second early variety, producing fine large heads. Highly valued for its fine quality and ability to resist heat. Heads very solid, broad, round, flattened on top, tender and fine grained. Pkt., 5¢; oz., 15¢; 1/4 lb., 45¢; 1 lb., $1.50, prepaid.

Summer Hollander or Early Danish Ball-Head.

Differing from the Winter Hollander in ripening several weeks earlier and being of a greenish color, but closely resembling it in shape, density, weight and its keeping qualities. Its earliness will make it available for commercial purposes all summer. It should be given a trial in every garden. Pkt., 5¢; oz., 20¢; 1/4 lb., 60¢; 1 lb., $2.00, prepaid.

Fiddlerkraut.

A great favorite with the Germans. Pkt., 5¢; oz., 15¢; 1/4 lb., 50¢; 1 lb., $1.00, prepaid.

Houseman Late Flat Dutch.

One of the largest and best of the late market sorts. A strain of Large Flat Dutch Cabbage of which the plants are very vigorous and hardy. The leaves are very large and broad; the stem of moderate height; the head large and very solid. A hardy and very sure heading sort. Always forms a large handsome head which keeps better than those of most kinds. Particularly desirable for those who wish to raise large quantities of cabbage for Fall shipment. Pkt., 5¢; oz., 15¢; 1/4 lb., 50¢; 1 lb., $1.75, prepaid.

Stonemason 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 gardener. Our stock, we believe, is unequaled by any other firm. Pkt., 5¢; oz., 20¢; 1/4 lb., 60¢; 1 lb., $2.00, prepaid.
CABBAGE, Late or Autumn and Winter Sorts, Cont.

F. S. 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 selecting the heads for seed and our strain is very pure. Our Selected Premium Flat Dutch is one of the best Fall shipping Cabbages, and unsurpassed for general table use. Pkt., 5c; oz., 15c.; ¼ lb., 45c.; ½ lb., $1.50, prepaid; 1 lb., $6.50; 10 lb., $12.50, by express not prepaid.

Marblehead Mammoth.
This is the largest kind of the Cabbage family in the world; heads have been grown so large that they could not be cut into two bushel baskets, having a diameter two inches greater. 30 to 60 pounds is the usual weight for the Mammoth, and in some instances heads have weighed over 100 pounds. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; ½ lb., $2.00, prepaid.

Autumn King.
It produces enormous, solid heads of that dark shade of green which is most desirable in a cabbage. It is always sure to head, hard and as solid as a rock. The large, broad heads are very thick through, rounded at the top, fine grained and tender. It has such small outer leaves that it can be planted much closer than the ordinary late sorts. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; ½ lb., $1.00, prepaid.

CAULIFLOWER.
Extra Early Paris.
Good for forcing; a standard early variety. Pkt., 5c.; % oz., 50c.; oz., 50c.; ¼ lb., $1.50, prepaid.

Autumn Giant.
A large, late variety, well protected by foliage. Pkt., 5c.; % oz., 50c.; oz., 50c.; ¼ lb., $1.75, prepaid.

Large Late Anglers.
This is one of the best late varieties. It is usually grown for fall use, never failing to produce large, fine heads. Very popular with market gardeners and campers. Pkt., 10c.; % oz., 35c.; oz., 50c.; ¼ lb., $2.00, prepaid.

Dry Weather or Danish Giant.
A valuable novelty, forming very large, firm and snow-white heads, about a week later than the Snowball. It requires less moisture than the other varieties and is especially adapted for growing in dry locations. Pkt., 10c.; % oz., 70c.; % oz., $1.20; oz., $2.00; ¼ lb., $7.50, prepaid.

P. S. CO'S SELECTED PREMIUM LATE FLAT DUTCH.

Luxemburger or Hard Head.
It makes a very hard head of good size and extraordinary weight, and is remarkable for its keeping qualities. When buried over winter and then marketed, it will command the highest price. One of the most profitable kinds to grow, especially for the market gardener. This variety was first grown by a German gardener near Chicago, and proved so valuable that the seed has frequently been sold at $1 per ounce, and more when it was scarce, as it always has been in demand by the gardeners who know it. Pkt., 5c.; oz., 50c.; ¼ lb., 90c.; ½ lb., $2.00, prepaid.

Bridgeport Drumhead.
It is shipped more largely than any other from the Chicago market, and possesses all the points desired by large growers. It makes a large, firm, round head, which seldom bursts. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00, prepaid.

RED CABBAGE.
Extra Early Dark Red Erfurt.
The earliest and finest Red Cabbage. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; ½ lb., $1.00, prepaid.

Mammoth Rock Red.
Heads as large as the Flat Dutch, deep red to the center. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; ½ lb., $1.00, prepaid.

SAVOY CABBAGE.
Dwarf Um Savoy.
A very good early variety. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; ½ lb., $1.50, prepaid.

Improved American.
The best of the late Savories, either for home use or the market. Of fine flavor, heads very compact, showy, with fine savoyed or crumpled leaves. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; ½ lb., $1.50, prepaid.

F. S. CO'S SELECTED EXTRA EARLY SNOWBALL.
For forcing under glass during winter and early spring, or for planting later in the open ground, no stock of Snowball can surpass it, and no Cauliflower ever grown is more satisfactory. With reasonably favorable conditions every plant will form a large, solid, snow-white head of fine quality. The plants are compact, with few narrow upright leaves, and can be set closely together. Our Snowball is the earliest variety; we supply the most critical trade. Pkt., 15c.; % oz., 70c.; % oz., $1.20; oz., $2.00; ¼ lb., $7.50, prepaid.

F. S. Co's Selected Extra Early Snowball.

Red Erfurt.
One of the best that can be had at any price, and growers will find this a very superior strain. It is of dwarf, compact growth, with short stalk. The heads are beautiful, white, very large and firm, measuring from 8 to 10 inches across at the base, and form quickly. Pkt., 15c.; ¼ oz., 70c.; % oz., $1.20; oz., $2.00; ¼ lb., $7.50, prepaid.
**Table Carrots**

Our stocks are very pure, true to type and will produce roots of even form and color which mature uniformly.

**Danvers Half Long.**

This is considered the best variety for general crop, and is a first-class Carrot for all kinds of soil. The tapering uniformly to a blunt point, and are smooth and handsome. They are easily harvested and a good keeper. This Carrot is excellent for table use, and, owing to its productiveness, is also largely grown for feeding purposes. Pkt., 5c.; oz., 8c.; 1/4 lb., 20c.; lb., 60c., prepaid.

**Earliest French Forcing.**

The earliest small round variety, much used for first early forcing. Color reddish orange; it bunches very nicely; used largely for market, as well as the kitchen garden. Quality the best. Pkt., 8c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c., prepaid.

**Early Scarlet Horn.** (Stump Rooted.)

Popular for forcing and early garden use. Flesh deep orange, fine grained; agreeable flavor; small top. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c., prepaid.

**Guernade 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 hard and stiff that longer rooted sorts would not thrive in it. When young the roots are excellent for table use and when mature are equally good for stock. Pkt., 5c.; oz., 8c.; 1/4 lb., 20c.; lb., 60c., prepaid.

**Chantenay.**

A first-class table variety; stump rooted, smooth, 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 garden, while its great productiveness makes it very desirable as a field sort. Pkt., 5c.; oz., 8c.; 1/4 lb., 20c.; lb., 60c., prepaid.

**Late Long Red Altsummer.**

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. Pkt., 5c.; oz., 8c.; 1/4 lb., 20c.; lb., 55c., prepaid.

**Improved Long Orange.** (Pointed-Roofed.)

The standard late variety; very handsome and uniform in shape; deep orange color; good flavor; yields very heavily. Requires a deep soil; plants should stand 6 inches apart in 18 inch drills for roots to attain their full size. Pkt., 5c.; oz., 8c.; 1/4 lb., 20c.; lb., 55c., prepaid.

**BEST CARROTS FOR STOCK.**

The value of the Carrots as a food for stock is not appreciated in this country as it should be. They make a wholesome addition to the Winter feed of all 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 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 the Carrots among our customers for feeding stock, knowing their value will be appreciated when better known.

**Mastodon Carrot.**

This will give the greatest yield, per acre, of any Carrot grown. The roots are short, and very heavy at the shoulder, consequently they are very easily harvested. The flesh is white, crisp, solid and very sweet in flavor. A yield of 15 to 20 tons, and more, per acre is very frequently obtained. They do not easily break in pulling or storing. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 55c., prepaid; lb., 45c.; 5 lbs., $2.00, not prepaid.

**Victoria Carrot.**

The largest and unquestionably the heaviest cropping yellow Carrot in cultivation. The roots are remarkably fine, very symmetrical, and of excellent quality, possessing high feeding properties. It is especially adapted for rich land, although a heavy cropper on all soils. It is easily harvested, as the roots grow largely above the ground, and will suit all those who grow it. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 55c., prepaid; lb., 45c.; 5 lbs., $2.00, not prepaid.

**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. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 55c., prepaid; lb., 45c.; 5 lbs., $2.00, not prepaid.

**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. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 55c., prepaid; lb., 45c.; 5 lbs., $2.00, not prepaid.

**Mammoth White Vosges.**

A field variety, one of the best for feeding cattle. The roots are very thick at the neck, narrowing abruptly to the point, and are about 8 inches long, with a diameter of 4 to 5 inches. They are easily pulled and especially suitable for shallow soils. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 55c., prepaid; lb., 45c.; 5 lbs., $2.00, not prepaid.
CELERY.

**White Plum.**

This is the earliest and most easily blanched, but does not keep well taken from the trenches. The plants grow rapidly and blanch easily during the summer months. Later in the fall, the central stalks and leaves are of a pure snowy whiteness, even without earthing up, but stalks should be gathered together and earthen up, as in other varieties, so as to produce close, attractive bunches. It does not compete favorably with the Golden Self Blanching, either in flavor or solidity. Pkt., 5c; oz., 15c.; 1/4 lb., 40c.; lb., $1.50, prepaid.

**Golden Yellow 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. Plants of a yellowish-white color all through, as they mature the yellow color deepens, which adds much to their attractiveness. It is self blanching to a remarkable degree, though boards are generally used to hasten it. The hands of growers in the markets throughout the country: it is the best strain in the market. Pkt., 5c; oz., 20c.; 1/4 lb. 75c.; $2.50, prepaid.

**Dwarf Golden Heart.**

A well-known and popular variety. It is one of the best keepers. Pkt., 5c; oz., 15c.; 1/4 lb., 40c.; lb., $1.25, prepaid.

**Old Celery Seed.**

Used in flavoring soups, pickles, etc. Oz., 5c.; 1/4 lb., 10c., prepaid.

**Giant Pascal.**

We recommend it as being of the very best quality for fall and early winter use. It blanches to a beautiful yellowish white color; is very 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 banking up. An admirable keeper. With rich soil and high culture this variety will give splendid satisfaction as a large growing sort for fall and early winter use. In the South it is prized more than almost any other kind. One of the best kinds for the market gardener. Pkt., 5c; oz., 15c.; 1/4 lb., 40c.; lb., $1.25, prepaid.

**Collards.**

**Georgia, Southern or Creole.**

We offer the true white or green stemmed sort so extensively used in the South, where it furnishes an abundance of food for the table or for stock. Forms a large, open head, or a mass of leaves on a tall stem. Freezing does not injure but rather improves the quality. Pkt., 5c; oz., 10c.; 1/4 lb., 25c.; lb., 75c., 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 soaked and ground like coffee. Pkt., 5c; oz., 10c.; 1/4 lb., 15c.; lb., 50c., prepaid.

CHIVES.

An onion-like plant which by some is highly esteemed for use as a salad, and the green stems afford a very pleasant onion flavor for soups. Also, the plant makes an excellent ornamental garden bed-edging which may frequently be cut, a new growth of leaves appearing soon after each cutting. The seed may be sown in rows in place, or in boxes and transplanted. The plants are productive during 2 or 3 years and may be taken up, divided, and set. Pkt., 10c.; oz., 30c., prepaid.

**New Red Rice.**

In beauty, earliness, productiveness, crispness and tenderness it cannot be excelled. Pkt., 5c.; 1/2 pint, 10c.; pint, 20c., prepaid; lb., 10c.; 5 lbs., 40c.; 10 lbs., 65c., not prepaid.

**White Rice.**

One of the finest and most prolific Pop Corns grown; largely planted: very good. No variety is superior to this for parching. Pkt., 5c.; 1/2 pint, 10c.; pint, 20c., prepaid; lb., 10c.; 5 lbs., 40c.; 10 lbs., 65c., not prepaid.

# POP CORN...

**Mapledale.**

It pops a clear white, and is of the finest quality. The originator of this variety has exported more than a million ears of corn to one stalk. It is certainly the best of the reds. Pkt., 5c.; 1/2 pint, 10c.; pint, 20c., prepaid; lb., 10c.; 5 lbs., 40c.; 10 lbs., 65c., not prepaid.

**Queen's Golden.**

Its exceeding tenderness when popped, together with its delicious and delicate taste make it one of the best. Pkt., 5c.; 1/2 pint, 10c.; pint, 20c., prepaid; lb., 10c.; 5 lbs., 40c.; 10 lbs., 65c., not prepaid.
SWEET CORN, Early Varieties.

**Mammoth White Cory.**

The largest and best extra early variety. Each stalk produces two or more large fine shaped ears, which are fit for use before those of any other large sort. The ears are twelve-rowed, very symmetrical and handsome, with no openings between the rows at the base. The grain is large, broad, 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 the only one grown now for early corn by market gardeners in this State. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 25c.; peck $1.25; bu., $4.00, not prepaid.

**White Cob Cory.**

The plants are usually about four and one-half feet high and bear two or even three ears, which are eight-rowed with large, somewhat coarse, but very sweet and tender grain. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 25c.; peck $1.25; bu., $4.00, not prepaid.

**Red Cob Cory.**

Hardier than the White Cob variety. This popular extra early variety succeeds well where the summer is short, cool and moist. Ears six inches in length, with eight rows of white, broad grains. The cob is red. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 25c.; peck $1.25; bu., $4.00, not prepaid.

**Golden Bantam.**

Of extreme hardness, can be planted earlier than any other true Sweet Corn, and will then produce the earliest supply of corn for the table. The ears are about six inches in length, complete filled with eight rows of golden yellow grains, extending to the rounded tip. The flavor is exceptionally rich and sugary. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 25c.; peck. $1.75; bu., $6.00, not prepaid.

**Early Minnesota.**

This oil and desirable popular variety is one of the best early sorts for the market and private garden. Stalks about five feet high, bearing one or two ears, which are long and eight-rowed; kernels very broad, sweet, and tender, not shrinking much in drying. Our stock will be found uniform and of the best quality. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 25c.; peck $1.25; bu., $4.00, not prepaid.

**White Mexican.**

A new white variety that 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 four to six days ahead of the Cory. The ears, in size and shape, are like those of the Black Mexican. For the family ear it is one of the best. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 25c.; peck. $1.80; bu., $8.00, not prepaid.

**Crosby's.**

This is a favorite second-early variety, with ten to twelve rows of fine grains of excellent quality. The ears are about seven inches in length; is largely used for canning. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 25c.; peck $1.25; bu., $4.00, not prepaid.

**Kendal's Early Giant.**

A variety of sterling merit. The ears are large, measuring eight to nine inches long, thick through, with ten or more rows of plump and pure white kernels, that are of the most deliciously sweet and sugary flavor. Very early for so large-seeded sort; canners use. In fact, it is several days earlier than Crosby's Early, which gives it the distinction of being an early and at the same time it is a large corned variety. Gardeners report this sweet corn ready for use in 40 days when grown on sandy soil, and in seventy-two on heavy ground. Kendal's Early Giant was introduced about ten years ago, and it is said to give the greatest satisfaction ever since, to both market gardeners and home gardeners alike, and the demand for this superior variety is increasing with each season. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart 25c.; peck $1.25; bu., $8.00, not prepaid.

**Medium Early Varieties.**

**Perry's Hybrid.**

This is a very popular eastern variety. Stalks about six feet high bearing two large, two-rowed ears, of great length, of good flavor and quality. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 25c.; peck $1.25; bu., $4.00, 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 surpassed by none in tenderness and fine quality. For family use we consider it the most desirable second early sort. Stalks about six feet high. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 20c.; peck $1.25; bu., $4.00, not prepaid.

**Hickox Hybrid.**

Earlier than Stowell's Evergreen, and makes a large, attractive ear of very white and handsome grain. It is one of the best varieties for canning. By planting it some six weeks earlier than Stowell's Evergreen the season will be lengthened considerably, as the Hickox will be about ready for use in 60 days while Stowell's is only ready for use in 70 days. Couch's Hybrid, which succeeds well in the light soil or sandy land, and makes a much finer ear, is still one of the best. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 20c.; peck $1.25; bu., $4.00, not prepaid.

**Old Colony.**

A remarkably productive, medium early variety, averaging 3 ears on every stalk. The ears of large size and well filled out. To quality, flavor and sweetness it is not excelled. A great favorite for canning on account of the long kernels. Pkt. 5c.; ½ pint, 10c.; pint, 20c., prepaid; quart, 20c.; peck $1.25; bu., $4.00, not prepaid.
SWEET CORN, Late Varieties.

New White Evergreen.
Bred from one pure white-grained ear, discovered in the Stowell's some years ago, it has been developed into a beautiful, white, large-cored Evergreen variety, much superior to the old Stowell's. It has flimmer and shorter stalks, broader and more vigorous, deep green foliage, and is earlier by several days in producing ears suitable for the table than the Stowell's. Ears set low on the stalk and are very large. Grains are pure white, very sugary and are tightly set from but to tip. The ears remain long in edible condition, like those of a true Evergreen. A most desirable variety for the home garden, but especially for the canner. Pkt., 5c.; 1/2 pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.50; bushel, $5.00, not prepaid.

New Early Evergreen.
In this variety we have all the good qualities of that old standard, Stowell's Evergreen, with quite an important point in addition, namely that of earliness. It is about ten days earlier with fully as large an ear, and also equal to it in every other respect. Pkt., 5c.; 1/2 pint, 10c.; pint, 20c., prepaid; quart, 20c.; peck, $1.50; bushel, $5.00, not prepaid.

Stowell's Evergreen.
Recognized everywhere as the standard variety for market and home use. Remains longer in green state than most other sorts. Very large ears with deep and remarkably sweet grains. Our stock is of the finest quality, grown from selected ears. Pkt., 5c.; 1/2 pint, 10c.; pint, 20c., prepaid; quart, 20c.; peck, $1.50; bushel, $5.00, not prepaid.

Mammoth Sugar.
The largest late variety, having ears of mammoth size with 14 to 20 rows. Quality excellent, and not exceeded by other kinds. It is a week later than Stowell's Evergreen. Pkt., 5c.; 1/2 pint, 10c.; pint, 20c., prepaid; quart, 20c.; peck, $1.50; bushel, $5.00, not prepaid.

Country Gentleman.
One of the most delicious and sweetest of all Sweet Corns. It is extremely productive, the stalks averaging three ears and sometimes four as many as five. The small, irregular kernels are very deep and pure white in color. Ears average nine inches in length. Our seed stock has been especially selected for sweetness and productiveness. Pkt., 5c.; 1/2 pint, 15c.; pint, 25c., prepaid; quart, 25c.; peck, $1.75; bu., $6.00, not prepaid.

CUCUMBERS...

Early Green Cluster.
Fruits of the slim form desirable for small pickles. It is very prolific, frequently setting fruits in clusters of two and three. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 70c., prepaid.

Early Frame or Early Short Green.
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.; 1/4 lb., 20c.; lb., 70c., prepaid.

Boston or Green Prolific.
A distinct and very productive variety. Fruits bright green, medium sized, slender, very smooth, symmetrical, crisp and tender. The best variety for pickling, used almost exclusively by all the pickle factories in the Western states. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 70c., prepaid.

Chicago or Westerfield Pickling.
Fruits of medium length and deep green color, with large prominent spines; extremely prolific, somewhat thicker than the Boston. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 70c., prepaid.

Cumberland Pickling.
The vines are hardy, of strong, vigorous growth, and fruit very freely. The young cucumbers are thickly covered with small spines, and are equally attractive as small gherkins, and as mediumsized or large pickles. The straight young fruits possess the distinctly toughened surface so much desired for small pickles. The large fruits average nine to ten inches in length, two and one-half inches in diameter, with full rounded ends, and a very good quality for slicing. The color of the fruit is light green. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 80c., prepaid.

Improved Long Green.
One of the best for slicing and pickles. A selection from the Long Green. The vines are very vigorous and productive. The fruits, which are about 12 inches long, are formed almost as early as those of the short sorts. They are firm, crisp and of fine flavor. Those desiring a long, dark green cucumber will find our strain unsurpassed. The small fruits make excellent green pickles and after ripening are the very best for sweet pickles. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 75c., prepaid.
CUCUMBERS,

Continued.

WHITE SPINE SORTS.

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 very straight, symmetrical, of a deep green color throughout their entire length, never turning yellow, even if fully matured. Fine for slicing and considered by many the best for small pickles. Pkt., 10c.; oz., 20c.; lb., 1b., 70c. prepaid.

F. S. Co.'s Northwestern Beauty.

An early, most shapely and productive strain of the Improved White Spine, of a rich, green color throughout its entire length and very straight and symmetrical. We have improved the old variety by careful selection of the finest specimens for seed stock, and recommend this new variety to the private gardener as well as to those who grow for profit. Pkt., 10c.; oz., 20c.; $1.00, prepaid.

Extra Early White Spine.

The leading sort grown by Southern truckers to ship to Northern markets; used more than any other kinds for forcing under glass, and one of the best sorts for table use. The earlier formed Spine variety, maturing in 40 to 60 days after planting, with vigorous and prolific vines; uniformly straight fruits of dark green color and tender flesh of excellent flavor. Our Northwestern Beauty is an especially selected, fine, early strain of this variety. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 70c. prepaid.

Davis' Perfect. (See cut to the right.)

A carefully selected strain of the Extra Long White Spine and a remarkably attractive fruit, very long, slim, dark green. The longest of the White Spine varieties, measuring from twelve to sixteen 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.; 1/4 lb., 40c.; lb., $1.50, prepaid.

Extra Long or Evergreen White Spine.

A popular sort of White Spine with market gardeners. Popular, long, smooth and straight fruits of fine, dark, shiny 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.; 1/4 lb., 20c.; lb., 70c. prepaid.

Cool and Crisp.

A splendid cucumber for slicing. Early and prolific, with dark green skin; it makes a fine appearing, pickled cucumber. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 70c. prepaid.

Giant Pera.

A very large and most prolific variety, from 18 to 22 inches long. Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., $1.25, prepaid.

ODD CUCUMBERS.

Japanese Climbing.

This sort grows quickly, climbing poles or trellises, thus taking up very little room 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.; 1/4 lb., 35c.; lb., $1.00, prepaid.

Klondike.

A hybrid sort of the White Spine type, about the size of the Extra Early sort. It is a wonderful keeper, very early, of fine dark green color; a good market garden 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.; 1/4 lb., 30c.; lb., 90c. prepaid.

Yokohama Climbing.

A most beautiful late sort; the foliage never suffers from disease. The fruits are cylindrical, very slightly spiraled and of a bright green color, turning lighter, almost into a wax color when ripe. The flesh is white, of the finest flavor and never bitter. It bears its fine, large fruits in the greatest abundance. Pkt., 5c.; oz., 15c., 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 all cucumbers. The Lemon Cucumbers have none of that bitter or acidic taste so often found in other Cucumbers. For slicing or serving whole they are unsurpassed and are best just as they turn yellow. For pickling, they can be used like green or ripe. Can also be used for Marrows like Melons. Size from 2 1/2 to 3 1/2 inches in diameter. Pkt., 10c.; oz., 30c. prepaid.

See cut.)
EGG PLANT.

Mammoth Purple Spineless.

The originators say of this splendid variety — "It was obtained by years of the most careful selection and extra cultivation, beginning with a true strain of New York Improved Large Purple. This process of improvement has been continued, until now have the finest strain of Mammoth Purple Egg Plant obtainable. While immense size was one of the main objects, we did not lose sight of other valuable points essential in a first class market variety. It is quite early for such a large sort, a sure cropper, and entirely spineless. The plants are large, vigorous and productive. Fruit uniform in color and shape, very large, usually 7 to 9 inches in diameter, but specimens are grown measuring 10 inches. Skin a handsome dark purple. Flavor and texture excellent. Flesh white and of superior quality. We pronounce it the best Egg Plant in cultivation." A great favorite with market gardeners. Pkt., 10c.; oz., 30c.; ½ lb., $1.00; lb., $3.75, prepaid.

New York Improved Large Purple. (SPINELESS.)

The plants are large and spreading; foliage light green; fruit very large, oval and of a splendid dark purple color. Plants usually ripen four to eight large fruits. Pkt., 2c.; oz., 25c.; ½ lb., 85c.; lb., $3.00, prepaid.

Black Beauty.

From 10 to 12 days earlier than New York Spineless. The fruits are broad, thick, most attractive form and finest flavor. Its rich, lustrous, purple-black color is very uniform. Fine for the home garden, but not as good a yielder as New York. Pkt., 5c.; oz., 30c.; ½ lb., $1.20; lb., $4.00; prepaid.

ENDIVE.

WHITE CURLY — A very beautiful sort in which the leaves are very light colored, even the outer ones being nearly white. They are very crisp and tender. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00, prepaid.

ROSS CURLY — One of the best autumn, winter or spring salads. Plants are tender, leaves which when properly blanched, are exceedingly crisp and tender. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00, prepaid.

Batyavian — Leaves large of broad, thick leaves, which can be blanched as a salad or used for cooked greens. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00, prepaid.

GARLIC.

The Garlic is much esteemed for flavoring soups, stews, etc. Bulbs: ½ lb., 15c.; lb., 40c., prepaid.

KOHlrabi.

EARLY WHITE VIENNA — Excellent for forcing and open ground; flesh white and very tender. Pkt., 5c.; oz., 10c.; ½ lb., 40c., prepaid.

EARLY PURPLE — Very similar to the above, except in color, which is a bright purple. A desirable sort. Pkt., 5c.; oz., 15c.; ½ lb., 45c.; lb., $1.60, prepaid.

Kale or Borecole.

DWARF GERMAN — This is hardy, with curly, GREEN LEAVES, bright green leaves that are very tender and of delicate flavor. Pkt., 5c.; oz., 5c.; ½ lb., 20c.; lb., 75c., prepaid.

DWARF PURPLE — Like the above, except in color, which is purple. Pkt., 5c.; oz., 5c.; ½ lb., 20c.; lb., 75c., prepaid.

TALL GREEN SCOTCH — Fine curled leaves. Pkt., 5c.; oz., 5c.; ¼ lb., 20c.; lb., 75c., prepaid.

Garden Lemon.

Resembles the Vine Peach in the manner of growth. The fruit is round, somewhat smaller than Vine Peach, has thinner flesh and decidedly more acid. Pkt., 5c.; oz., 15c., prepaid.

Vine Peach.

The fruit is about the size of a large Peach, oval shaped, and of a bright orange-yellow color. For sweet pickles, pies and preserves they are superb. Require the same cultivation as Musk Melons, are easily grown and wonderfully prolific. Pkt., 5c.; oz., 15c., prepaid.

Ornamental Gourds.

These are very rapid growing, climbing vines that are especially valuable for covering old fences and unsightly places. They will produce a growth of 20 to 30 feet in one season. Their interesting features are the odd, unique and ornamental gourds, many of which make excellent toys for children. We offer a superb mixture, containing many odd and pretty varieties, at 5c., per Packet, oz., 20c. Packet of any one variety 5c., prepaid.

Apple-Shaped.

Bottle—Curious and handsome fruit. A rapid climber.

Dipper — Very useful for many purposes; holds about a quart; has a long handle.

Fish Cloth or Sponge — Large fruits; are used as a sponge for bathing.

Gooseberry — Small, dark Snacks — Also classified as a Cucumber, and can be used as such, especially for salsas.

Sugar Trough — They grow large enough so as to hold 4 to 6 quarts each; have thick, hard shells; are light but durable.

Turban — Turban shaped fruit, beautifully striped with red.

MUSSELSBURG — Has large and broad leaves. Pkt., 5c.; oz., 8c.; ¼ lb., 25c.; lb., 90c., prepaid.


SOUTHERN GIANT — Form immense bunches. Pkt., 5c.; oz., 8c.; ¼ lb., 20c.; lb., 60c., prepaid.

NASTURTIUM.

The young seeds are used for pickles. TALL — Pkt., 5c.; oz., 10c.; ¼ lb., 25c., prepaid.

DWARF — Pkt., 5c.; oz., 10c.; ¼ lb., 40c., prepaid.

LEEK.

Largely used in Europe and in Oriental countries, where it is one of the principal articles of diet. Sow and cultivate same as Peas. Pkt., 5c.; lb., 25c., prepaid.
LETTUCE.

Curled or Loose Leaved.

GRAND RAPIDS—The best and most profitable sort for forcing, as it stands a good deal of neglect in watering and ventilation; a good grower; can be planted very closely. Almost exclusively grown by market gardeners in the West. A splendid shipper, not liable to be the best head variety for forcing. The heads are medium large, very slow to go to seed, leaves broad and smooth, of peculiar grayish green color. Quality excellent, sweet, decidedly better in flavor, crisp and tender. Pkt., 5c.; 1 oz., 8c.; ½ lb., 25c.; 1 lb., 60c., 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. Not recommended for forcing 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, blanched and blistered and of light green color and fine quality, sweet and tender. Similar to the early Curled Simpson, but larger, lighter green, and more attractive in appearance. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 60c., prepaid.

SIMPSON'S EARLY CURRED—(Seed White)—Early, erect growing. Leaves broad, often frilled and blistered and formed into a loose head; light green in color and sweet, tender and well flavored. It may be sown thickly and cut when the plants are very young. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 60c., prepaid.

PRIZEHEAD—An excellent home variety and planted extensively for family use, probably more so than any other kind in the U.S. The plants will soon wilt and are therefore not suited for shipping; it is not adapted for forcing. The plants consist of a loose cluster of leaves, of bright brown color, varying to bright green; the quality is very fine, sweet in flavor, tender and crisp in texture. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 60c., prepaid.

CABBAGE OR HEADING.

THE DEACON OR ST. LOUIS BUTTER—A lettuce of the highest quality and easiest culture; a splendid variety for the market gardener as well as for forcing use. Very popular with market gardeners in the West; it stands the summer well, is very reliable, and suited for forcing in indoor culture. The heads are medium large, very slow to go to seed, leaves broad and smooth, of peculiar grayish green color. Quality excellent, sweet, decidedly better in flavor, crisp and tender. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 60c., prepaid.

PHILADELPHIA BUTTER—A great favorite with Philadelphia market gardeners. It is a splendid variety to sow in fall or early spring, but is not suited for winter. It is a daylength variety, well suited for forcing and growing outdoors. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 60c., prepaid.

E. A. WHITE SUMMER CABBAGE—An all-around good variety, for forcing as well as planting in early spring, summer and fall. One of the best either for the private or market gardener. Medium sized, firm headed, of green color, and excellent quality, sweet and better in flavor than the Butter. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 60c., prepaid.

E. A. WHITE SELF-FOLDING—(Seed White)—Leaves yellow-white, very crisp and tender; a self-blanching lettuce of superior flavor. Sold also as Trianon. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 60c., prepaid.

BLONDE BLOCK HEAD OR SUNSET—A fine Head Lettuce of excellent quality and beautiful appearance; a splendid keeper and one of the best for shipping. Tender, sweet, juicy. We recommend it for the home garden as well as to grow for market. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 60c., prepaid.
MUSK MELON, Green Fleshed.

Hackensack or Turk's Cup.

Fruits are of good size, round, heavily ribbed and netted. Hardy and productive, with thick, firm, green flesh of excellent flavor. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c., prepaid.

Extra Early Hackensack.

This is a selection of the popular Hackensack, ripening fully 10 days earlier. One of the best green-fleshed melons to grow for market; very hardy, early and prolific. Melons of good size, heavily ribbed and netted; thick, light green flesh of fine flavor. Pkt., 5c; oz., 10c; 1/4 lb., 20c.; lb., 70c., prepaid.

Improved Large Green Nutmeg.

Vines vigorous, hardy; productive; fruit very large, round, slightly flattened at both ends, ribbed and covered with coarse netting; flesh very thick and of the highest flavor. Pkt., 5c; oz., 10c; 1/4 lb., 25c.; lb., 70c., prepaid.

Montreal Nutmeg.

This is a very large-fruited variety of superior quality. The large fruits are nearly round in form, slightly flattened at the ends, with very large, broad, heavy ribs and dark green skin, thickly covered with heavy netting. The flesh is 2 inches thick, light green, melting and of delicious flavor. Pkt., 5c; oz., 10c; 1/4 lb., 30c.; lb., $1.00, prepaid.

Extra Early Citron.

A small, round melon, valuable on account of its extreme earliness and great productivity. The skin is green, becoming yellowish at maturity. The flesh is light green, sweet and of good quality. Pkt., 5c; oz., 10c; 1/4 lb., 25c.; lb., 70c., 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. More extensively grown by market gardeners in the West than any other variety. A good keeper and shipper. Our stock is unequalled and will be found to produce melons of the finest type. Pkt., 5c; oz., 10c; 1/4 lb., 20c.; lb., 75c., prepaid.

Emerald Gem.

A splendid variety. Fruit small to medium sized, globular, but somewhat flattened at the ends, only slightly netted and ribbed. Skin deep green while young, becoming tinged with yellow as the fruit matures; flesh deep salmon-yellow, thick, ripening close to the rind and exceedingly high flavored. This variety has steadily grown in popular favor and in many large markets leads all other kinds, because of its sweetness and convenience. Pkt., 5c; oz., 10c; 1/4 lb., 35c.; lb., $1.25, prepaid.

BURRELL'S GEM.

A splendid variety. Fruit small to medium sized, globular, but somewhat flattened at the ends, only slightly netted and ribbed. Skin deep green while young, becoming tinged with yellow as the fruit matures; flesh deep salmon-yellow, thick, ripening close to the rind and exceedingly high flavored. This variety has steadily grown in popular favor and in many large markets leads all other kinds, because of its sweetness and convenience. Pkt., 5c; oz., 10c; 1/4 lb., 35c.; lb., $1.25, prepaid.

Yellow Melated Japan.

This variety and the Osage, are the only yellow-fleshed kinds grown to any extent for the market in the West. It is a splendid shipper. For the private garden no better melon can be found. The flesh is thick, melting, salmon-colored and of a rich, sweet, delicate flavor. The fruits are of large size, nearly round, not deeply ribbed, covered with patches of netting; skin yellowish-white when ripe. A heavy yielder, quite early, ripening the fruits only a few days later than the smaller sorts. Pkt., 5c; oz., 10c; 1/4 lb., 30c.; lb., $1.00, prepaid.

Tip Top.

Selected Stock. A melon which we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow-fleshed melon of handsome appearance, medium to large size and of the very best quality; every melon produced, large or small, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, easy to the very rind. A strong grower and heavy yielder. Pkt., 5c; oz., 10c; 1/4 lb., 25c.; lb., 90c., prepaid.

LEWIS' PERFECTION.

(See Novelities) Pkt., 10c.; oz., 25c.; 1/4 lb., $1.25, prepaid.

Paul Rose.

Pkt., 5c; oz., 10c.; 1/4 lb., 20c.; lb., 75c., prepaid.

Defender.

Pkt., 5c; oz., 10c.; 1/4 lb., 20c.; lb., 75c., prepaid.

The Grand.

A splendid new variety, the original one which was a sport of the Osage, of a peculiar green color and extreme earliness. The Grand sets fruit nearer to the root than any other melon, and frequently produces as many as 7 melons on a single vine. The fruit is of the most uniform size, wall covered about six inches in diameter, ripens at least two weeks earlier than the Osage, and has a thin rind and thick, salmon-colored flesh of superior flavor. A fine melon for the home garden, first-class for shipping. Pkt., 10c; oz., 20c.; 1/4 lb., 75c., prepaid.

Yellow Melated Japan.
WATERMELONS.

Cole's Early.
This is the best early melon for the home market. For sweetness and delicious texture of flesh it has no superior. The rind is thin, but brittle, for the home we know of none better. Extreme earliness is another point in its favor. Pkt., 5c.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Early Fordhook.
Extra early—The form is nearly round. The average weight of the melons is about thirty-five pounds each. The rind is tough, making it a valuable variety for shipping; the outer color is a uniform medium green; seeds white. Pkt., 5c.; 1 oz., 10c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Phinney's Early.
A valuable variety for use in the North as it is hardy and a sure cropper. Vines vigorous and productive; fruit medium sized, oblong, smooth, marbled with two shades of green; rind thin; flesh pink, tender and crisp. Pkt., 5c.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Citrion.
For preserving. A round, handsome fruit of small size. Pkt., 5c.; 1 oz., 10c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Sweetheart.
Our strain is a 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 fruit 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. Pkt., 5c.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Mciver'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 to nearby markets, but is rather delicate for long shipments. Pkt., 5c.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Dixie.
A popular market sort. Vigorous, large growing and hardy, ripening its fruits earlier than most of the large sorts; fruit medium sized to large, about one-third longer than thick. Color of skin dark green, striped with a lighter shade; rind thin, but tough; flesh bright scarlet, ripens closely to the rind, and is of the best quality. This melon is very highly esteemed, especially in the South. Pkt., 5c.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Cuban Queen.
A very vigorous grower. Early, very solid and heavy. Handsomely striped and of most delicious flavor. Pkt., 5c.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Georgia Rattlesnake.
One of the largest, oldest and most popular sorts, particularly in the South. Fruit, oblong, of light green color, distinctly striped and blushed with a darker shade. Flesh bright scarlet and very sweet. Pkt., 5c.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Ice Cream or Peerless.
One of the best sorts for private gardens and for market gardeners who deliver direct to consumers. Vine moderately vigorous, hardy, productive; fruit medium sized, oval, bright green, finely veined or mottled; rind thin, flesh bright scarlet, solid, crisp, tender and very sweet. Pkt., 5c.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Kleckley's Sweet.
Large oblong Melon, 20 inches in length, by 10 to 12 inches in diameter. The skin is dark green, flesh bright scarlet, the rind only about one-half inch in thickness. The scarlet flesh of this variety is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. The melon is better for home use than for shipping, and we believe it is the best table melon today. Pkt., 5c.; 1 oz., 5c.; ½ lb., 20c.; 1 lb., 50c., prepaid.

Mountain Sweet.
Large oval. Pkt., 5c.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Kolb's Gem.
Vines of medium size, but remarkably vigorous and healthy. Fruit of the largest size, round or slightly oval, marked with irregular mottled 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.; 1 oz., 5c.; ½ lb., 15c.; 1 lb., 50c., prepaid.

Halbert Honey.
One of the finest watermelons for the home garden, equal in delicious flavor to the celebrated Kleckley Sweets, very uniform in color and a deep sweet flavor. Skin dark glossy green, flesh beautiful crimson. Pkt., 5c.; 1 oz., 10c.; ½ lb., 25c.; 1 lb., 50c., 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. Pkt., 5c.; 1 oz., 10c.; ½ lb., 20c.; 1 lb., 50c., prepaid.
CHOICE and RELIABLE FARIBAULT GROWN ONION SEED.

The above illustration is a reproduction from a photograph taken of our field of Faribault Red Globe Wethersfield Onion Seed while in full bloom. Some of the farm buildings and a windbreak of evergreens and willows show in the background.

The Onion Seed crop all over the country again turned out to be a very poor one last season. The crops on our farms did not fare any better than those anywhere else, as unfavorable weather and strong winds greatly damaged same. We planted, however, a larger acreage last spring than ever before, and although the quantities harvested per acre are much below an average yield, we think we have seed enough to take good care of the needs of our customers. The quality of the new Seed is first class, being plump and heavy and of the highest vitality.

We are the largest growers of Onion Seed in the State of Minnesota. Our Seed is raised the farthest North, and our season is the shortest of any state where Onion Seed is grown; our seed, therefore, is the earliest on the market; it will mature bulbs quicker and is also much harder than Seed grown in any other state, either East or West. Fruits in spring, which will check the growth of the young Onions from California Seed, do not affect parts grown from our seed, which will continue to grow uninterrupted.

It is just such a short and cold season like the past one that brings home to every grower the great importance of planting early and hardy onion seed, and last season our Minnesota seed proved to be far superior in earliness and hardiness to all other seed.

The bulbs grown from our seed fully matured everywhere, but there is a general complaint among onion growers this year, who planted California or eastern seed, that their bulbs did not dry down well, and will be hard to keep over winter.

The long keeping quality of the sets and large onions grown from Minnesota seed is another very important feature, which should not be lost sight of when buying seed, as quite frequently it pays very well to keep onions over until spring, when prices are usually higher than the preceding fall, and the onions produced from our seed can be depended upon to keep with much less shrinkage and for a much longer time than any other onions.

Onion Seed growing has always been one of our most important specialties, and by the most painstaking methods, selecting every year the driest and therefore, earliest, hardest and best shaped bulbs of good size for setting out for seed, we have established very early, hardy and most productive strains of perfect type, which will produce the largest crops of well-shaped onions, free from scallions and thick-necks.

No matter how thoroughly you prepare your ground and cultivate the crops, your work will avail to nothing unless good seed is sown. There is no crop which depends more upon the quality of the seed sown than the onion crop. The difference in price of good and poor seed is more than made up in the higher price the product of good seed brings in the market ever that raised from inferior stock.

We guarantee our seeds to grow and produce satisfactory results if soil and season are favorable.

FARIBAULT RED GLOBE WETHERSFIELD ONION—Earlier and more productive than the Southport Red Globe. The Onion Seed we offer under this name is the production of our special strain, that we have produced by years of careful breeding. The perfect globe type is so thoroughly established in this variety, that the Onions, produced from our pedigreed Seed, are always of the most uniform globe type, and of a splendid 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 most attractive appearance, and no better kind can be grown for exhibition purposes. Our Faribault Globe Wethersfield Onions are also more profitable to grow than flat varieties, as they occupy no more room in the row, but weigh more and measure better. 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. Pkt., 5c.; 1 oz., 25c.; ½ lb., 60c.; 1 lb., $1.10 prepaid. 5 lbs., $5.75, 10 lbs., $10.00, 25 lbs., $23.10 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, mucovy ground where other sets fail. This onion matures ten days earlier than the Red Wethersfield, and in rich soils grows almost as large. Extm Early Red is also a somewhat flattened onion, like the Red Wethersfield. With proper culture it produces fine, marketable onions in 90 days from the time of sowing the seed. It is of mild flavor, and keeps well. The onion is solid and heavy, of a deep, rich red color, fine and close grained. It is hardy and reliable, and well adapted for the early market. Pkt., 5c.; 1 oz., 20c.; ½ lb., 55c.; 1 lb., 2.00, prepaid.

I am just more than pleased with the seeds, I have always received from you.—Joseph Simon, Washington Co., la.

I had some of your garden seeds last year and had the finest garden I ever had.—S. H. Erickson, Chippewa Co., Minn.
ONIONS, Continued.

Minnesota Yellow Globe.

A very early, very productive strain of the Southport Yellow Globe.

The most beautiful Yellow Onion of fine globe shape, golden yellow color, large size, mild flavor, a heavy cropper, and 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 market. Pkt., Sc.; oz., 20c.; 1/4 lb., 60c.; lb., $2.10, prepaid; 5 lbs., $9.75; 10 lbs., $19.00, not prepaid.

Australian Brown.

Extra early, a sure cropper and long keeper. Medium sized, hard, solid bulbs of round form and a reddish-brown color, maturing about four weeks earlier than the Wethersfield; do not produce stiff necks and scallions and are excellent keepers. Pkt., Sc.; oz., 15c.; 1/4 lb., 50c.; lb., $1.75, prepaid.

Minnesota White Globe.

The handsomest onion grown, sets at a higher price than all other sorts. Perfectly globe-shaped. thin, delicate skin of snow-white color. The flesh is firm, fine grained and of mild flavor; a tremendous cropper and good keeper. To get fine white onions, great care should be exercised in harvesting and curing the crop. Pull as soon as the onions are ripe enough to harvest and dry in an airy and shady place; if exposed to rain and sunlight the bulbs will discolor. Our strain is the earliest of all White Globes offered. Pkt., 5c.; oz., 30c.; 1/4 lb., $1.00; lb., $3.75, prepaid; 5 lbs., $18.00; 10 lbs., $35.50, not prepaid.

White Portugal or Silverskin.

A medium sized onion of mild flavor and with beautiful, clear white skin. A favorite with many for use when young as a bunching onion and for pickles; it is also a good keeper and fine for fall and early winter use. Used largely for the growing of white sets. Pkt., Sc.; oz., 25c.; 1/4 lb., 80c.; lb., $3.00, prepaid; 5 lbs., $14.25; 10 lbs., $28.00, not prepaid.

Yellow Dutch or Strasbourg.

One of the oldest sorts. Plump, white to cream colored, mild and well flavored. It is one of the best to grow for sets, and a splendid keeper. Pkt., Sc.; oz., 15c.; 1/4 lb., 50c.; lb., $1.85, prepaid; 8 lbs., $8.50; 10 lbs., $16.50, not prepaid.

Prize-taker.

The largest Onion grown from American seed. This has become a great favorite on account of its large size and great solidity. It has proved to be an excellent keeper, and is of the finest flavor. It is handsome and very uniform in shape, nearly a perfect globe, with thin skin of a clean, bright straw color. Necks are very small, and the onions always ripen down hard and present the handsomest possible appearance in the market. The flesh is pure white and fine grained, mild and delicate in flavor. They grow to immense size, measuring from twelve to sixteen inches in circumference. If started early in the hot bed it will produce mammoth onions the first year. Specimen bulbs have been raised in this wax which weighed from four to six pounds each. Pkt., Sc.; oz., 25c.; 1/4 lb., 50c.; lb., $1.85, prepaid.

Yellow Danvers.

A fine, early and productive variety of medium size skin coppery-yellow; flesh creamy-white, comparatively mild and well flavored. The bulbs are flat with small necks and ripen down very evenly. Pkt., Sc.; oz., 25c.; 1/4 lb., 50c.; lb., $1.85, prepaid; 5 lbs., $8.50; 10 lbs., $16.50, not prepaid.

Yellow Globe Danvers.

Slightly earlier, but smaller, more round in shape, and not such a large cropper as our Minnesota Yellow Globe. A very popular onion. Our stock is very fine and will produce bulbs about two and one-half inches in diameter, almost round in shape, with light brown skin, and white flesh which is crisp and mild in flavor. Like all other Minnesota grown strains of Onion Seed, our Globe Danvers will be found to be earlier and to produce better keeping onions than seed grown elsewhere. Pkt., Sc.; oz., 25c.; 1/4 lb., 80c.; lb., $2.00, prepaid; 5 lbs., $9.25; 10 lbs., $18.00; not prepaid.

Fariibault Red Globe Wethersfield

Minnesota Yellow Globe

Minnesota White Globe

We call special attention to these three splendid Globe Onions, which we have, by years of untiring efforts in selecting and cultivating, brought to the highest possible standard of perfection. They are the most productive, the earliest, hardest, best keeping and finest shaped Globe Onions in existence.

We want every customer to give them a trial, knowing they will give every satisfaction.
ONIONS, Italian Sorts.

QUEEN—A white variety prized for pickling on account of its small size. Of very quick growth and flat shape. Pkt., 5¢; oz., 15¢; ½ lb., 40c.; 1 lb., $1.50, prepaid.

MAMMOTH SILVER KING—A most striking attractive onion. The bulbs are flattened, but thick through the average diameter is from 5 to 7 inches, making the circumference from 15 to 25 inches; single bulbs weigh from 2½ to 5 pounds each. The onions are of a beautiful silvery white color, the flesh is particularly mild and pleasant flavor, and so sweet and tender that it can be eaten raw like an apple. These qualities make it the best for exhibition at fairs, as well as for the house table. Pkt., 5¢; oz., 15¢; ½ lb., 40c.; 1 lb., $1.50, prepaid.

ONION SETS.

Although Onions are grown cheapest from seed, a great many of our customers want green onions only for early spring use, and these are best obtained by planting the sets. A quart or two is sufficient for a family.

YELLOW MULTIPLIERS OR SHALLOTS—We prefer these to any other Onions on account of their earliness. The latter part of 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, 15c.; quart, 30c., prepaid. Quart, 20c.; peck, $1.00; bu., $4.00, not prepaid.

WHITE MULTIPLIERS—Color, pure silvery white; very productive, frequently producing as many as 20 bulbs in a single cluster from 1 bulb planted. They are of excellent quality and size for bunching green, and can also be used for pickling Onions. Pint, 15c.; quart, 30c., prepaid. Quart, 20c.; peck, $1.00; bu., $4.00, not prepaid.

WHITE BOTTOM SETS—Pint, 15c.; quart, 25c., prepaid. Quart, 15c.; peck, 90c.; bu., $3.50, not prepaid.

RED BOTTOM SETS—Pkt., 15c.; quart, 25c., prepaid. Quart, 15c.; peck, 90c.; bu., $4.00, not prepaid.


OKRA—White Velvet. Pkt., 5¢; oz., 8¢. ½ lb., 15c., prepaid.

PEAS, Tall, Extra Early Varieties.

Our prices include postage on packets, half pints and pints. On quarts and larger quantities sold at the rate of 15¢. per quart, if to be sent by mail.

FIRST AND BEST—This is the standard Extra Early Pea. It grows very vigorously, ripens extremely early, ahead of any other, and grows about 30 to 35 inches in height, is very productive; pods are medium size and well filled. Peas are good size and fair quality. Our strain of this variety has no superior in regard to earliness, size of pod, flavor, and quality.

GRADUS OR PROSPERITY—An extra early wrinkled pea, only 2 to 3 days later than the First and Best, but with immense pods as large as those of the Telephone which contain peas of superb quality, luscious and sweet. The vine is similar in appearance to that of the Telephone, but only three to three and one-half feet high. The pods are uniformly well shaped, handsome and are very large and of beautiful color, which they retain after cooking. On account of its earliness, large sized long and splendid quality one of the best varieties to grow for early market. We have taken great pains to secure true stock which has been well grown, so we are sure that every one who purchases our seed will be pleased with this variety. Pkt., 5¢; ½ pint, 15¢; pint, 25¢., prepaid. Quart, 30c.; peck, $1.75; bu., $5.00, not prepaid.

THOMAS LAXTON—An early wrinkled variety of great merit, Vine three to three and one-half feet high, similar to that of Gradus, but darker in color, harder and more productive. Pods large, long, with square ends, similar to but larger, longer and darker than 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 needs only to be known to make it one of the most popular sorts for the market and home garden, as in appearance and quality it is one of the very best varieties yet produced. Pkt., 5¢; ½ pint, 15¢; pint, 25¢., prepaid. Quart, 30c.; peck, $1.75; bu., $6.00, not prepaid.

PEAS—Dwarf Extra Early Varieties.

NOTTS EXCELSIOR—the best early dwarf Peas—Height about 15 inches. As hardy as the earliest market sorts, but in quality equal to the tall sorts. It outyields that variety, and the American Wonder 20 to 30 per cent, 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 unusual fine flavor. Pkt., 5¢; ½ pint, 15¢; pint, 25¢., prepaid. Quart, 30c.; peck, $1.50; bu., $5.00, not prepaid.

AMERICAN WONDER—An old variety but still highly prized for its flavor and quality, which is of the very best. Of a compact habit, growing 12 to 15 inches in height; and bearing in abundance good-sized, well-filled pods. Pkt., 5¢; ½ pint, 15¢; pint, 25¢., prepaid. Quart, 30c.; peck, $1.50; bu., $5.00, not prepaid.

PREMIUM GEM—An Improved Little Gem—This pea grows 16 inches high. A trifle later than Notts Exelsior, but the pods are 2½ to 3 inches long and are well filled with a fine quality of wrinkled peas. Pkt., 5¢; ½ pint, 15¢; pint, 25¢., prepaid. Quart, 30c.; peck, $1.50; bu., $5.00, not prepaid.

TOM THUMB—Dwarf and early, and being only 1 foot high it needs no brushing; of good quality and an abundant yielder. Pkt., 5¢; ½ pint, 15¢; pint, 25¢., prepaid. Quart, 30c.; peck, $1.50; bu., $5.00, not prepaid.
PEAS, Second Early and Main Crop.

Horsford’s Market Gardener.
A very fine second-early, green, wrinkled variety, not only good for family gardens, but also for canners, and especially for market-gardens' purposes. Vines two feet high; a most prolific bearer, yielding more shells per acre than any other American variety. The peas are of the finest quality, and retain their color and sweetness well after cooking. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid. Quart, 25c.; peck, 81.60; bu., 86.00, not prepaid.

Everbearing.
Vine stout, about two and one-half feet high, bearing at the top six to ten broad pods. If these are marked as they mature, and the season and variety are favorable, the plant will throw out new branches bearing pods which will mature in succession, thus prolonging the season. The peas are very large and wrinkled, cook very quickly, are tender, of superior flavor and preferred by many to any other sort. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid. Quart, 25c.; peck, 81.25; bu., 81.75, not prepaid.

Abundance.
A good second-early variety, growing about 2 feet high. It is remarkable for its branching habit, forming large bushes which are loaded with long pods, full of large wrinkled peas of the best quality. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid. Quart, 25c.; peck, 81.40; bu., 85.00, not prepaid.

Improved Stratagem.
Vines of strong growth about 2 to 2½ feet in height, with large foliage. Pods of large size, well filled with large dark-green peas of rich, sweet flavor. One of the Very Finest. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid. Quart, 25c.; peck, 81.60; bu., 86.00, not prepaid.

Dwarf Telephone or Daisy.
A very fine second-early 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 seven to nine peas of bright-green color, tender and of most delicious flavor. Pkt., 5c.; ½ pint, 15c.; pint, 20c., prepaid. Quart, 20c.; peck, 82.35; bu., 88.00, not prepaid.

Champion of England.
On account of its beautiful large pods and high quality, one of the leading peas with market gardeners. Vines are vigorous, growing about four feet high, with large, coarse, light-colored, and producing an abundance of very large pods filled with immense peas which are tender, sweet and of excellent flavor. It is one of the best sorts for either home or market. No plant has attained greater popularity than this, thus showing that it has sterling merit. The stock we offer is especially grown for our market gardeners' trade, and can be depended upon to be true and pure and to produce fine, large pods. Pkt., 5c.; ½ pint, 15c.; pint, 20c., prepaid. Quart, 20c.; peck, 81.35; bu., 81.50, not prepaid.

Carter’s Telephone.
(Also Called Improved Telephone and Admiral Dewey.)
Without exception the Largest Potted and best Late Pea in existence. The vines are about 4 to 5 feet high, remarkably healthy and vigorous, producing an abundance of pods of immense size, quite often measuring six inches in length, which are well filled with peas of the largest size, tender and sweet. Foliage, vines and pods are of a rich dark green color. As a cropper it beats all late varieties.

Our stock is the finest grown. We offer it with every assurance that it will give satisfaction. Pkt., 5c.; ½ pint, 15c.; pint, 20c., prepaid. Quart, 20c.; peck, 80.60; bu., 84.00, not prepaid.

Blackeye Marrowfat.
A great yielder of peas of ordinary quality. Pkt., 5c.; ½ pint, 15c.; pint, 20c., prepaid. Quart, 20c.; peck, 80.60; bu., 83.00, not prepaid.

White Marrowfat.
Similar to the Blackeye Marrowfat; largely used by canners; very productive. Pkt., 5c.; ½ pint, 15c.; pint, 20c., prepaid. Quart, 20c.; peck, 80.60; bu., 83.00, not prepaid.

Tall Melting Sugar.
Has edible pods, is early and productive. Pods are broad, flat and crooked, and are cooked when young the same as string beans; they are very sweet, tender and delicious. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid.

Alderman.
(Edible pods.) Well deserves its name, for this pea is unquestionably the best in size of pod, prolific bearing, and delicious quality. The pods snap without any string, and when cooked are very sweet and tender. Pkt., 5c.; ½ pint, 15c.; pint, 25c., prepaid.
PARSLEY

Guernsey

The roots do not grow as large as those of the Hollow Crown, but are of greater diameter and more easily gathered. They are very smooth and have fine-grained flesh of much better quality. Pkt., 5c.; oz., 15c. ; ½ lb., 60c. ; 1 lb., $1.00. prepaid.

Long Smooth or Hollow Crown

A great cropper; tender, sparing, and considered the best for general cultivation. Parsnips are improved by remaining exposed to frost. Pkt., 5c.; oz., 15c.; ½ lb., 65c.; 1 lb., 75c. prepaid.

PIE.

PEPPER

Improved Long: Thick Red

A great improvement of the ordinary Long Red Cayenne, being of about the same length but much thicker, having two to three times as much meat and averaging about 1 inch in diameter at the stem end. Exceedingly prolific, very hot and handsome. Largely grown for the market in Minnesota. Pkt., 5c.; oz., 15c.; ½ lb., $1.35; lb., $8.00. prepaid.

Bull-Nose or Improved Large Bell

The standard sweet-flavored scarlet sort. Plants 2 feet in height, very prolific and quite early ripening. The sweet, scarlet fruits are 2 inches in length and 1 inch in diameter, thick, mild flesh of excellent quality for use in salads and pickles. 11 lb. and the most productive than Ruby King. A most popular and desirable sort; one of the best to grow for the market. Our stock is valued in the field. Pkt., 5c.; oz., 15c.; ½ lb., 60c.; lb., $2.00. prepaid.

Sweet Mountain-Spanish-Mammoth

The fruit does not ripen until very late. In the best and 4 feet in length, by 2 inches in diameter, very smooth and handsome, of a rich red color, flesh very thick, sweet and mild flavored. Pkt., 5c.; oz., 15c.; ½ lb., 60c.; lb., $2.00. prepaid.

Long Red Cayenne

Twisted and pointed pod about 4 inches long, of bright red color strong and pungent. Pkt., 5c.; oz., 15c.; ½ lb., 60c.; lb., $2.00. prepaid.

Tabasco

Of tall bush-like growth, 3' or 4 feet in height, productive of an immense number of small slender, very hot and pungent fruits, one inch in length and vivid scarlet in coloring. This is the true variety from which the famous Tabasco Sauce is made. Pkt., 10c.; oz., 35c.; ½ lb., $1.25; lb., $4.00. prepaid.

Chinese Giant

An extremely large, sweet pepper, similar in color and shape to the large Bell or Bull Nose, but much smaller than the latter. Pkt., 10c.; oz., 35c.; ½ lb., $2.00. prepaid.

Ruby King

Handsome, extra large, scarlet fruits. Flesh thick, sweet and mild. Pkt., 5c.; oz., 15c.; ½ lb., 60c.; lb., $2.00. prepaid. (See cut below.)

PARSNIP

Pkt., 5c.; oz., 15c.; ½ lb., 60c.; lb., 75c. prepaid.

Our Special Offer!

ONE OUNCE OF EACH

Pumpkin: Mammoth King Mammoth Tours Squash: Mammoth Whale Mammoth Chili

4 BIG SHOW Sorts 4

Hammon King or Jumbo

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. They average about 10 inches in diameter, and being of a round, flattened shape and deep orange-yellow color, are extremely attractive while growing. Are also most prolific, succeeding splendidly in almost any location. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., $1.50. prepaid.

Mammoth Tours

Of immense size, often weighing over 1000 pounds; oblong, skin green. Good exhibition sort, or for feeding stock in winter. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., $1.50. prepaid.

Connecticut Field

An immensely productive, large, orange-colored field pumpkin, usually green skin and bright, yellow flesh of fine quality; make good winter food for stock. Pkt., 5c.; oz., 15c.; ½ lb., 10c.; lb., 75c. prepaid.

Quaker Pie

Oval shape, and cream color: an excellent keeper. Pkt., 5c.; oz., 15c.; ½ lb., 20c.; lb., 75c. prepaid.

Tennessee Sweet Potato

Medium sized, pear-shaped, slightly ribbed, creamy white and of excellent flavor. Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., 75c. prepaid.

Negro, Black Sugar or Nantucket Pie


Japanese Crookneck

Skin deep green with dark striped; seeds are marked with curious indentations resembling the characters of the Chinese alphabet. Pkt., 5c.; oz., 15c.; ½ lb., 20c.; lb., 75c. prepaid.

Rhubarb-Pie Plant

LINNAEUS-A very early variety, fine grained and delicious. Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., $1.00. prepaid.

VICTORIA—larger than the above; a good soldier in the market of excellent quality. Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., $1.00. prepaid.
...RADISHES...

Early Scarlet Turnip,
White Tip.

A most popular and attractive variety, a great favorite in many large markets.
The radish is bright scarlet, white tip, and of a beautiful shape; flesh white, crisp and fine, and very rich. Our strain is the finest in the market. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

Triumph.

This is a useful and attractive variety. It is a short variety, suitable for short, exposed ground, and makes a fine maincrop radish. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c., prepaid.

Improved Early Scarlet Globe.

The leading variety of radishes for market gardeners; equally as good for forcing in greenhouses 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 a short, firm, smooth texture, and a delicious, richly crisp, juicy and tender flavor. 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, being grown from transplanted roots and is fully equal, if not superior to any other strain of this variety. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c., prepaid.

Early Scarlet Olive Shaped.

Roots olive shaped; skin scarlet; flesh white, tender, and crisp. Early, and best adapted for general cropping, but may also be used for forcing. Pkt., 5c.; oz., 1c.; 1/4 lb., 15c.; lb., 50c., prepaid.

Non-plus-ultra.

(Also called Queen of the Market.) A very fine, extra early forcing variety. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c., prepaid.

Crimson Giant.

This radish differs from all varieties hitherto in cultivation in as far as its roots attain more than double the size of those other forcing varieties, without getting pithy or hollow. It is very early and withstanding its size. Color crimson, flesh pure white and of the best quality. Fine for outdoors and forcing. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c., prepaid.

Early White Turnip Rooted.

An early, pure white radish, a tiller later in maturating than Early Scarlet Turnip Rooted. 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., 1c.; 1/4 lb., 15c.; lb., 50c., 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 30 days from sowing. The flesh is white, crisp, tender and of delicious flavor. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c., 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 splendid variety on account of its excellent quality and attractive color. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

Yellow Summer Turnip.

Round, yellow skin, white flesh. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

Earliest Erfurt.

The earliest variety, of excellent quality. The roots are small, nearly round, of bright scarlet color, with very small top; the flesh is white and crisp and tender. Fine for outdoor growing and one of the best varieties for forcing, being fit for the table in 16 to 20 days.


Rosy Gem.

(See description on first inside cover page.) Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c., prepaid.

Early Scarlet Turnip.

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. Very desirable for early outdoor planting, as well as forcing. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

Earliest Erfurt.

(See description on first inside cover page.) Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c., prepaid.

Early Long Scarlet, Short Top.

The long, slender, handsomely colored roots are most attractive in appearance. They are ready in about 25 days; crisp, brittle and of choicest quality. They attain a length of 5 to 6 inches, growing half out of the ground. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

White Icicle.

The finest of the long, pure white varieties. Planted in the spring the radishes are ready for use in 20 to 25 days; their long, slender form and pure 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 or successive sowing in the open ground. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c., prepaid.

Long White Vienna or Lady Finger.

Pkt., oz., 15c.; lb., 50c.

White Strasbourg.

5c.; oz., 15c.; lb., 50c.

White Giant Stuttgart.

5c.; oz., 15c.; lb., 50c.

Winter Radishes.

California White Mammoth.

5c.; oz., 15c.; lb., 50c.

China Rose.

5c.; oz., 15c.; lb., 50c.

Long Black Spanish.

5c.; oz., 15c.; lb., 50c.

White Chinese (New Celestial).

5c.; oz., 15c.; lb., 50c.
GIANT YELLOW SUMMER CROOKNECK—This strain is equally as early as the common small-fruited variety, while the squashes grow to a much larger size, measuring from eighteen inches to two feet in length, and are great favorites with market gardeners. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 50c., prepaid.

SUMMER CROOKNECK—The old standard sort; very early and productive. Fruits when mature, about one foot long, with crooked neck and warty surface; color bright yellow. Pkt., 5c.; 1 oz., 5c.; ½ lb., 20c.; 1 lb., 35c., prepaid.

EARLY WHITE BUSH—An American variety, introduced by one of the worlds best known nurserymen. It is an early sort, producing its first bunch of squashes about the middle of June. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 35c., prepaid.

YELLOW BUSH CROOKNECK—Similar to the White Bush, but of a deep orange color. Flesh paler. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 75c., prepaid.

VEGETABLE MARROW—This is one of the most important vegetables in the English markets, but little known in this country. The fruit is generally eaten when it is less than half grown, as the flesh is then very tender and warty, and should always be used in a young state. Pkt., 5c.; 1 oz., 8c.; ½ lb., 30c.; 1 lb., 75c., prepaid.

WINTER VARIETIES.

CHICAGO WARTED HUBBARD—The ideal winter squash for the home or the market. The fruits of the well-known Hubbard were used by careful selection of large, dark green, very warty specimens of the old variety. Vines have a strong, robust growth. The fruits are large, handsomely shaped, with dark green, heavily warty skin and with flesh of bright orange-yellow color, fine-grained, of dry, sweet, and excellent flavor. Our seed is Minnesota grown, it will produce large, deep, round, and very warty keeping qualities than those of seed grown in any other state. Pkt., 5c.; 1 oz., 10c.; ½ lb., 20c.; 1 lb., 75c., prepaid.

HUBBARD—The original Hubbard is similar to the above; however, it is smoother and does not run quite so large. Pkt., 5c.; 1 oz., 10c.; ½ lb., 30c.; 1 lb., 75c., prepaid.

GOLDEN HUBBARD—A new Hubbard squash, except in color, which is bright red. The vine is not large or coarse growing but is vigorous and is wonderfully productive. The fruits are very uniform in size, weighing from six to eight pounds and are in shape like the Hubbard; although in condition for use much earlier, they are wonderfully long keepers and can be held on in good condition for spring use. The shell is warty, hard and strong and of a very beautiful, orange-red color. The flesh is a deep orange and uniformly so to the shell. It cooks very dry, fine-grained and is well flavored. It is a very superior table variety and has become very popular. Pkt., 5c.; 1 oz., 8c.; ½ lb., 20c.; 1 lb., 75c., prepaid.

BOSTON MARROW—Second early, coming in about 10 days after the Bush and Crookneck sorts. Skin yellowish, very thin; the flesh dry and fine-grained, of unsurpassed flavor. Pkt., 5c.; 1 oz., 8e.; ½ lb., 20c.; 1 lb., 75c., prepaid.

SIBLEY HYBRID—A very productive squash of the finest quality, and an excellent keeper, specimens having been kept until June as sound and good as when gathered. It is of quick growth, and can be raised successfully as a second crop, following early potatoes, etc. Pkt., 5c.; 1 oz., 10c.; ½ lb., 20c.; 1 lb., 75c., prepaid.

SPINACH.

BLOOMSDALE SAVOY LEAVED—The earliest variety and one of the best to plant in the fall for early spring use. Plant of upright growth, with medium, dark green, pointed leaves which are crumpled or blistered like those of Savoy cabbage. It is hardy and grows rapidly to a suitable size for use, running to seed quickly in warm weather. This variety is used by market-gardeners almost exclusively in our state. Pkt., 5c.; 1 oz., 10c.; ½ lb., 30c., prepaid.

LONG STANDING—A round seeded variety of excellent quality; after reaching maturity it remains in condition for use much longer than most sorts; leaves comparatively smooth and a very dark, rich green. Pkt., 5c.; 1 oz., 10c.; ½ lb., 30c., prepaid.

PIKY LEAVED—A very hardy variety which will withstand severe weather with only a slight protection of leaves or straw. It is desirable for fall sowing. The seed is prickly. Pkt., 5c.; 1 oz., 10c.; ½ lb., 30c., prepaid.

VIctorIA—The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and are of the finest quality, but the feature that makes it of special use for market and family gardens is that it is in prime condition from 2 to 3 weeks after all other varieties have run to seed. Pkt., 5c.; 1 oz., 10c.; ½ lb., 30c., prepaid.

ROUND SUMMER THICK LEAVED—A desirable sort in the North for early spring sowing. Leaves, large, bright green and of good quality. Though not as hardy as the Prickly Winter, it stands exposure very well. Pkt., 5c.; 1 oz., 10c.; ½ lb., 30c., prepaid.
TOMATOES.

"JUNE PINK"—The earliest large Pink Tomato—Grown very largely as an extra early sort for markets like St. Paul and Minneapolis, where pink sorts are preferred. Very similar to the Faribault, differing only in color. The fruit is of medium size, uniform, smooth, and attractively shaped, without cracks or any green core. The fruit will average two and one-half to three inches in diameter, and two to two and one-half inches in depth. The skin is reasonably tough, so that it is excellent for shipping purposes. A very productive variety, continuing to bear and ripen fruits until frost. Pkt., 5c.; 1 oz., 50c.; ½ lb., $1.50; 1 lb., $3.00, prepaid.

EARLIANA—The earliest smooth, bright-red Tomato of good size. It is so far superior in hardness, sure-setting of fruits, size, smooth uniform shape, and earliness to all other red varieties that it is now almost the only extra early variety planted for markets where scarlet tomatoes are desired. The plants are compact in growth with short, close-set branches, setting fruits very freely. The tomatoes are quite uniform in size and of smooth, regular form, averaging three inches in diameter, and from two to two and one-half inches in depth. The skin is remarkably tough, so that it is excellent for shipping purposes. Our strain is very fine and much superior to that offered by most seed dealers. Pkt., 5c.; 1 oz., 50c.; ½ lb., 80c.; 1 lb., $1.50, prepaid.

ACME—An old variety of delectable flavor, dark red, tinged color; purple. Pkt., 5c.; 1 oz., 50c.; ½ lb., 80c.; 1 lb., $1.50, prepaid.

EXTRA EARLY—On account of its dwarf compact habit, it can be planted quite closely. Wonderfully productive; the dark reddish purple fruits are very solid and firm, of medium size. Very desirable for the home garden. Pkt., 5c.; 1 oz., 50c.; ½ lb., 80c.; 1 lb., $1.50, prepaid.

PERFECTION—Perfectly smooth, blood-red in color; very solid and a heavy cropper. Pkt., 5c.; 1 oz., 50c.; ½ lb., 80c.; 1 lb., $1.75, prepaid.

MATCHLESS—This is a very large, very early and long keeping bright red Tomato. The fruits are remarkably solid and are produced in abundance with vigorous vines. A very distinct and desirable variety. Pkt., 5c.; 1 oz., 30c.; ¼ lb., 60c.; 1 lb., $2.00, prepaid.

IMPROVED TREPHY—Comes with the greatest freedom with any other variety in smoothness and regularity of the fruit. Its large, strong growing, and very productive vines, large, very solid, smooth, fine flavored and beautiful, deep, rich red fruit will satisfy the most exacting. Pkt., 5c.; 1 oz., 50c.; ¼ lb., 80c.; 1 lb., $1.75, 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 purple sorts; fine for slicing. A splendid cropper and excellent keeper; fine for growing in greenhouses and also the open garden. Pkt., 5c.; 1 oz., 50c.; ¼ lb., $1.25; 1 lb., $1.00, prepaid.

GOLDEN QUEEN—A beautiful Tomat整个 sort of color rich golden yellow, with a slight tinge of red at the blossom end; the flavor is mild and sweet. Pkt., 5c.; 1 oz., 50c.; ¼ lb., 75c.; 1 lb., $2.00, prepaid.

The following small fruited varieties at Pkt., 5c.; 1 oz., 20c.;

Yellow Musk
Yellow Cherry
Yellow Plum
Yellow Peach.

SALSIFY, OR VEGETABLE OYSTER.

MAMMOTH SANDWICH ISLAND—An improved type of the Long White, producing roots of nearly double the size and weight of those of the old variety, and are of very superior quality and delicate flavor. Pkt., 5c.; 1 oz., 10c.; ¼ lb., 30c.; 1 lb., $1.00, prepaid.
**TURNIPS.**

**Extra Early White Milan.**

**Extra Early Purple Top Milan.**—Similar to the White Milan, except that the roots are beautiful purple-red on the upper portion. The Milan Turnips are some of the very best extra early garden varieties which we have. Pkt., 5c.; oz., 8c.; 1/4 lb., 30c.; lb., 60c., prepaid.

**Early White Flat Dutch Strap Leaf.**—A most excellent garden turnip, and like Purple Top Strap Leaf, a standard flat variety maturing at the same time. Root medium sized, from four to five inches in diameter and about two inches thick; color white, flesh sweet and tender, and very desirable for table use, a good keeper. The roots grow partly above the ground and are thus very easily pulled. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 40c., prepaid.

**White Six Weeks or Snow Ball.**

**Snow Ball or White Six Weeks.**—The Earliest and most perfectly formed round White Turnip. This turnip has a very beautiful shape with short top and a single tap-root. The flesh is snowy white, solid, crisp and very sweet. We highly recommend it. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

**Purple Top White Globe.**—This is the most popular of all market turnips. It originated from the purple top, flat turnip. Roots are of globular shape, and good size, and in appearance it is the best of all varieties. The flesh is firm, fine-grained, white, and of most excellent flavor. It is a fine keeper, equally desirable for table and stock. An immense producer. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 40c., prepaid.

**Early Purple Top, Strap Leaved.**—The most extensively used variety, quite early, only about a week later than the Milan or Snow Ball. Roots flat, medium sized, of purple or dark red color above the ground, white below; flesh white, fine-grained and tender; leaves few, upright in growth. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 40c., prepaid.

**Golden Ball.**—A most delicate and sweet, yellowish white, having a globular shape, but very firm, hard, and of most excellent flavor. Keeps well and is superior as a table variety. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 40c., prepaid.

**Yellow Aberdeen Purple Top.**—Globe-shaped, medium sized, deep yellow, with purple top; pale yellow flesh, very tender and sweet. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

**White Egg Turnip.**—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, being of excellent flavor, mild and sweet. It is very attractive as the roots are like huge white eggs. As early as the Purple Top Strap Leaf Turnip and very productive, six hundred to a bushel having been raised to the acre as a second crop. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

**Large White Norfolk.**—A standard sort, usually grown for feeding stock, but also of very good quality for the table. These roots are large, globular, and very white. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

**Rutabagas.**

**Improved American Purple Top.**—Our strain is remarkable for uniform shape and fine quality, and is also a splendid keeper. The roots grow to a large size; skin is smooth, flesh a beautiful yellow color and fine-grained. The flavor is excellent, being very sweet and tender. The tops are small and necks very short. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

**Monarch or Tankard.**—This is a yellow fleshed sort, having very large, tankard shaped roots with relatively small necks and tops. Color purplish-crimson above ground, yellow below; flesh very solid, fine-grained, and of the best flavor. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

**Skirving's King of Swedes.**—This sort reaches a large size, but still the yellow flesh is of most excellent quality. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

**Sweet German.**—Very popular in many sections; grows to a large size, and is considered one of the best for both table use and for feeding stock. The flesh is white, hard, firm and sweet keeps nearly as well as the yellow sort. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

**F. S. Co.'s Imperial.**—The great prize stock. This grand variety cannot be too highly recommended, as no sort will produce such handsomely formed roots and great yields. It is akeless, very solid, of a beautiful orange color, with a handsome purple top, and is the result of many years of careful selection. Pkt., 5c.; oz., 8c.; 1/4 lb., 15c.; lb., 50c., prepaid.

The pedigreed Blue Stem Wheat I got from you done fine, I raised 31 bu. to the acre. Fred Michael, Hanson Co., S. Dak.

Last year I planted 7 bu. of your Cannon Valley Potatoes and raised 200 bu. Jno. Stumpner, Clark Co., Wis.
TOBACCO

Hester.

CONNECTICUT SEED LEAF—Staple variety.

BIG HAVANA—A hybrid Havana or Cuban seed leaf.

HESTER—A broad yellow-leaved variety.

MIXED VARIETIES.

Prices on all varieties: Pkt., 5c.; oz., 20c.; 14 lb., 60c.

SWEET POT AND MEDICINAL HERBS.

Anise.—Seeds have an agreeable aromatic odor and taste. Pkt., 5c.; oz., 7c.; 1/4 lb., 20c.

Balm.—Leaves are used for making a pleasant beverage. Pkt., 5c.; oz., 7c.; 1/4 lb., 50c.

Borage.—Leaves used for flavoring; flower, 3 oz., 10c.; 1/4 lb., 40c.

Chamomile.—Used much for tea, and other medicinal purposes. Pkt., 5c.

Caraway.—Grown for the seeds, which are used for flavoring. Pkt., 5c.; oz., 7c.; 1/4 lb., 15c.; 1/2 lb., 30c.

Catnip, or Catmint.—Leaves and young shoots used for seasoning. Pkt., 5c.; oz., 15c.; 1/4 lb., 50c.

Coriander.—Seeds are used in the manufacture of licorice and confectionery. Pkt., 5c.; oz., 7c.; 1/4 lb., 30c.

Dill.—Seeds have an aromatic odor and pungent taste. Pkt., 5c.; oz., 7c.; 1/4 lb., 20c.

Fennel.—Leaves are used in fish sauces, soups, etc. Pkt., 5c.; oz., 10c.; 1/4 lb., 40c.

Horehound.—Used in the manufacture of cough remedies. Pkt., 5c.; oz., 15c.

Hyssop.—Used for tea in asthma and chronic catarrh. Pkt., 5c.; oz., 15c.

Lavender.—An aromatic, medicinal herb. Pkt., 5c.; oz., 15c.; 1/4 lb., 50c.

Marjoram.—The young, tender tops are used green for flavoring, or they may be dried for winter use. Pkt., 5c.; oz., 15c.; 1/4 lb., 50c.; 1/2 lb., 81.25.

Rue.—For medicinal purposes—per bunch: good also for lawns. Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.

Rosemary.—Leaves are used for seasoning. Pkt., 5c.; oz., 20c.

Saffron.—Flowers are used in dyeing. Pkt., 5c.; oz., 15c.; 1/4 lb., 10c.

Sage.—Used for seasoning and dressing. Pkt., 5c.; oz., 10c.; 1/4 lb., 35c.; 1/2 lb., 81.25.

Summer Savory.—For flavoring soups, dressings, etc. Pkt., 5c.; oz., 8c.; 1/4 lb., 30c.

Thyme.—The young leaves and tops are used for soups, etc., and a tea made from the leaves is a remedy for headaches. Pkt., 5c.; oz., 16c.; 1/4 lb., 65c.; 1/2 lb., 82.15.

Wormwood.—Used for medicinal purposes. Pkt., 5c.; oz., 4c.; 1/4 lb., 75c.

FARMER SEED CO.'S BARGAIN VEGETABLE COLLECTIONS.

Although we offer these collections at comparatively lower prices than vegetable Seeds selected from our regular list, we use Seeds of the same high quality for them only. On account of being able, however, to put these collections up at our leisure, before the rush of our busy season opens, we are in a position to offer them at such low prices, and for the same reason we cannot make any changes in the variety.

The selection of the Seed for the different collections is made with the greatest care, and offers to the private planter, not familiar with the different kinds of vegetable Seeds, the advantage to receive only such Seeds as will bring the best results. All the collections named below being put up already we can fill your order for them promptly.

OUR SMALL VEGETABLE GARDEN.

This includes the following seventeen packages of Vegetable Seeds and one packet of beautiful mixed Flower Seed.

These EIGHTEEN PACKAGES WE SEND POSTPACED BY MAIL TO ANY ADDRESS FOR ONLY 50 CENTS.

1 Pkt. Each:
Wax Beans.
Early Garden Peas.
Early Sweet Corn.
Early Table Beets.

1 Pkt. Each:
Early Cabbage.
Early Table Carrots.
Picking Cucumber.
Kohlrabi.

1 Pkt. Each:
Early Lettuce.
MusK Melon.
Onion.
Celed Parsley.

1 Pkt. Each:
Lettuce, early curled.
Head Lettuce.
MusK Melon.
Water Melon.
Radish.

1 Pkt. Each:
Parsnips, long white.
Early Garden Peas.
Pumpkin.
Radish, round, red.
Radish, long.
Rutabaga.
Summer Spinach.

OUR LARGE VEGETABLE GARDEN.

This includes the following thirty-five packages of Vegetable Seeds and one packet of beautiful mixed Flower Seed.

These THIRTY-SIX PACKAGES WE SEND TO ANY ADDRESS POSTPAID FOR ONLY $1.00.

1 Pkt. Each:
Wax Beans.
Green Podded Beans.
Early Beets, round, red.
Kale, early curled.
Early Cabbage.
Early Table Beets.

1 Pkt. Each:
Celery.
Canella.
Sweet Corn, extra early.
Cabbage.
Picking Cucumber.
Long Cucumber.
Leek.

1 Pkt. Each:
Lettuce, early curled.
HeaD Lettuce.
MusK Melon.
Water Melon.
Red Wetherfield Onion.
Parsley, curled.

1 Pkt. Each:
Parsnips, long white.
Early Garden Peas.
Pumpkin.
Radish, round, red.
Radish, long.
Rutabaga.
Summer Spinach.

LARGE FAMILY GARDEN.

Weight, packed for shipment, 6 lbs., price, $2.00 transportation charges paid by purchaser.

Beans.
Dwarf, G gen Pod
Dwarf Limas, 1/2 pt., 1/2 lb., 10c.
Dwarf Lima, 1/2 pt., 1/4 lb., 10c.
Pole, 1 pt., 5c.

Beet.
Blood Turnip, 1 oz. 5c.
Long Blood, 1 oz. 8c.

Cabbage.
Early, 1 pt., 5c.
Late, 1 oz. 15c.

Carrot.
Early Scarlet Horn, 1 pt.
Danvers, 1 oz. 5c.

Celery.
1 packet, 5c.

Cucumbers.
For slicing, 1 oz. 10c.
For pickles, 1 oz. 10c.

Egg Plant.
1 packet, 5c.

Lettuce.
Early, 1 oz. 8c.
Best Summer, 1 oz. 8c.

Melons.
Best Musk Variety, 1 oz 10c.
Water, best early, 1 oz. 8c.

Onions.
White, 1 oz. 25c.
Red, 1 oz. 15c.

Onion Sets.
1 pint, 15c.

Pepper.
Large, 1 pt. 5c.

Pumpkin.
Best, 1 pt. 5c.

Radish.
Round Red, 1 oz. 8c.
Long Red, 1 oz. 10c.

Turnip.
Early, 1 oz. 8c.
Fall, 1 oz. 8c.

Sweet Corn.

This fine collection would cost you (even at our very low Catalogue prices), if selected, $3.50. We offer it to you for only $2.00, purchaser paying express charges.
OUR SELECTED LIST OF BEAUTIFUL FLOWERS.—Our patrons will find here an up-to-date list of the most desirable, choicest and popular varieties, which are nearly all of easy cultivation. Space does not permit many illustrations, but the few that we will add will be of material aid in your selections. Cultural directions with a correct illustration in colors are printed on each package. In the size of our packets we aim to be as liberal as possible, and they contain, almost without exception, a little more than those of other dealers. Our prices are lower than what any other reliable house can offer good seed for, on account of our expenses being reduced to the minimum. Everybody can have an abundance of Flowers at our popular low prices. All hardy perennials that bloom several seasons in succession without re-seeding we have marked "H", while all those that are annuals we leave unmarked.

PLEASE ORDER BY NUMBER ONLY; If you write the name do not omit the Number.

FARIBAULT, MINNESOTA.


9. Alonsea.—Maskflower, mixed.

10. Asperula.—Aurea, mixed.

11. Asperula.—Aztec, Scented, Sweet.

12. Aquilegia.—Columbine.

BALSAMS.


14. — scarlet.

15. — yellow.

16. — mixed.

17. Dwarf mixed double.

18. Carnation flowered, mixed.

19. Begonia.—One of the brightest golden flowers.

20. Begonia Vernon. The best for bedding. Easily grown from seed. Flowers are brilliant orange carmine, and are produced in immense quantities. (About 300 seeds in packet.)


23. Browallia.

24. Bird of Paradise, Flowers, golden yellow. 2½ inches across. The large, beautifully spotted blossoms, in fan-like form, are of a lovely crimson color.

25. Cacalia.—Tassel Flowers.

26. Cactus Seed, All kinds mixed.

27. Calendula.—Grandiflora.

Calceolaria.—Remarkable for their large, beautifully spotted blossoms and unsurpassed for pot culture in the greenhouse or conservatory. Packet 100 seeds.

10. Calendula.—Pot Marigold.—Excellent for small pots, tablespoon, mixed.

11. Canterbury Bells, H. Beautiful, well known perennials, Double mixed. (About 100 seeds in a packet.)


13. — scarlet.

14. New Dwarf Hybrids (large flowering) A very choicest mixture of Dwarf-growing Candytuft, with flowers twiced the size of the old kinds.

60c. ½ oz. 25c.

6th. Candytuft Giant Hyacinth-flowered. Most desirable for cutting purposes, producing a very large elongated head of large pure white flowers. The immense broad heads frequently measure 6 inches in length. Packet 10c. ½ oz. 25c.

8. Alysium.—Little Gem.
CHOICE ASTERS.

The most popular and beautiful of all our hardy annuals. No plant produces so handsome an effect as a bed or border of Asters, and no garden should be without a liberal supply of these old favorites, as they furnish immense quantities of handsome and brilliant colored blooms during the greater part of the summer. The best results are obtained with Asters on rich, well-prepared soil. For early flowering, sow indoors in February or March, transplanting into shallow boxes or pots as soon as the seedlings have formed three leaves; plant in the open ground when danger of freezing is past. For late flowering they can be sown outdoors in May or June.

No. 22a. **ASTER SUNLIGHT.** Truly a splendid yellow Aster which blooms very gracefully; the flowers are of a noble form, with petals somewhat shorter than those of the Jewel Aster, and measure 3 to 4 inches in diameter; the plant attains a height of 16 to 20 inches. This Aster is finely adapted for bouquet and design work. The uncommon and delicate color, the long stiff stems and lasting quality must be admired by every flower artist. It is a novelty for bedding, which will be quite welcome. This Aster will quickly become a favorite with all. Pkt., 10c.

No. 22b. **"Snowball," or Princess White.**—An excellent, dwarf White Aster, producing an abundance of flowers semi-spherical in form composed of short, very thickly set, imbricated petals. A single plant often develops as many as 30 flowers. Pkt., 10c.

No. 22c. **Aster Amethyst—Paeony Flowered.**—The flower is pure white when opening and as it unfolds, beginning from the top down towards the middle of the broad petal, assumes a charming, clear blue tint of great effect, viz., a rich amethystine color, increasing in intensity as the flower proceeds developing. The Amethyst is a model in shape and color; perfectly finished and true. Pkt., 15c.

No. 23. **Dwarf Bouquet Asters.**—Each plant looks like a bouquet of flowers. Fine for edgings or small beds. We offer a choice mixture of 12 different colors. Pkt., 10c.

No. 22. **Guilled German Hedge-Hog or Needle.**—A very showy kind from 1½ to 2 feet high, of branching habit and with guilled flowers. Finest mixed colors, pkt., 10c.

No. 23. **Comet or Poodle Asters.**—A superb new sort differing from others in its long, wavy, twisted petals, which form beautiful flowers measuring 2½ to 4½ inches across, resembling the Japanese Chrysanthemum. Finest mixture of 12 colors, pkt., 10c.

VICTORIA ASTERS.

One of the finest Asters in cultivation; flowers very large, perfectly formed, very double, imbricated and globular. We offer seed in the following separate colors: No. 23, Pure white,—No. 24, Red,—No. 25, Light blue,—No. 25a, Dark blue,—No. 25b, White, tinted rose.—No. 26, White, changing to Azure blue.—No. 26, Rose.—No. 26a, Fiery Scarlet.—No. 26b, Lilac.—No. 26c, Crimson.—No. 26d, Apple blossom.—No. 26e, Yellow.—No. 27, Finest Mixed. Any of these Victoria Asters, pkt., 10c.; 3 pkts., 25c.

No. 28. **Daybreak Branching Aster.**—A beautiful, compact, branching Aster with large, handsome, incurved flowers of a charming shell pink color which are borne in great profusion. It begins to bloom very early and continues throughout the entire season. Pkt., 10c.; 3 pkts., 25c.

No. 29. **Paeony Flowered Asters.**—A handsome variety with incurved petals. The flowers are very large and almost perfectly round; grows about 20 inches high. This is a standard variety for florists. Finest mixed colors, pkt., 10c.; 3 pkts., 25c.

No. 30. **Chrysanthemum Flowered.**—A desirable variety of great beauty, growing about one foot high. It is late in flowering, on which account it is very valuable. Mixed colors, pkt., 10c.

No. 31. **New Branching Asters.**—One of the handsomest among all the Asters, blooming late in the season when the other varieties have ceased flowering. Splendid mixture, pkt., 10c.

No. 34. **All Varieties of Asters Mixed.**—Pkt., 5c.; ½ oz., 10c.; ¼ oz., 25c.

No. 35. **Crown Asters.**—Flowers of this beautiful class are two-colored, the center being pure white, and the outside petals of bright colors—crimson, carmine, blue, violet, etc.; full double, of handsome shape; 1½ to 2 feet high. Mixed colors, pkt., 10c.

Minneapolis Co., S. D., Mar. 5, 1905.

Gentlemen: I have used your Seeds with the best results for five years and will not try to better myself by trading with other Seed Companies, for I do not believe I could. I had a splendid garden last year and supplied nearly all my neighbors with plants. Later on with Tomatoes, Ground Cherries and the like. I also had some very pretty flower beds from the Seeds you sent me free. I thank you very much for the extra packets.

Yours respectfully,

Mrs. H. Reichelt.
**DAHLIAS.**

Dahlias are easily grown from seed and bloom the first season. They are found in many markets, and in the United States as far north as North Dakota. The best varieties are shown in the section on Cosmos, page 123. Wholesale dealers have a greater variety of colors than the commoner sorts. There are varieties of double and single flowers, of different sizes, and of different heights. All the sizes are obtained from the same seed, and are produced by different methods of cultivation. Dahlias can be grown from seed and are easily grown and cared for as many of the common flowers.

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**NASTURTIUMS**

<table>
<thead>
<tr>
<th>Variety Description</th>
<th>Packet Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dwarf Nasturtiums, Finest mixture of many colors.</td>
<td>Packet, 5c; oz., 20c; 1/4 lb., 70c.</td>
</tr>
</tbody>
</table>

**Sec. 159.**

Showy, profuse-flowering plants, comprising numerous varieties, with white, yellow, and orange, and red flowers; suitable for pot culture, flower borders, and for the rock garden. For use in the greenhouse, and for forcing. 

**MIMULUS.**

<table>
<thead>
<tr>
<th>Variety Description</th>
<th>Packet Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mimulus, Queen of Tom Thumb.</td>
<td>Packet, 5c; oz., 20c; 1/4 lb., 70c.</td>
</tr>
</tbody>
</table>

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**Note:** The image contains a page from a seed catalog published by Farmer Seed Company, Faribault, Minnesota. The page is dedicated to various flower varieties, including Nasturtiums and Mimulus, with detailed descriptions and packet prices for each variety.
PANSIES.

The pansy is justly everywhere and with everybody and is one of our most popular flowers. Its modest and in- 
nocent beauty, its delightful color scheme, endears it to the heart of young and old alike. It gives an abundance of 
bloom until checked by severe frosts, endures our hard winters with safety and greets us in the early spring with a 
profusion of bright blossoms. Pansy seed may be sown in the hot-bed or open ground: if sown in the spring get in 
as early as possible, so as to secure flowering during the cool months. Seed sown in a cool place in June or July 
and well watered until the name is up, will produce full flowering plants. To obtain good flowers the plants should 
be set out in a rich, moist and loamy soil, where they will make a vigorous and most rapid growth. Young plants produce 
the largest flowers. If the plants come into bloom during the heat of summer, the flowers will be small at first, 
increasing in size and beauty as the weather becomes cooler. They will flower better in midsummer if planted where 
it is somewhat shaded.

We have the finest and best strains of pansies to be found in the world, all the sterling sorts and richest colors. 
Pansies demand good soil and plenty of moisture. The flowers should be pricked frequently to encourage the develop- 
ment of buds and thus prolong the bloom.

No. 182. Dark Blue or Black Blue. Pkt., 5c; ½ oz., 50c.
No. 184. Dr. Faust or King of the Blacks. Almost coal black, coming true from seed. Pkt., 5c; ½ oz., 50c.
No. 185. Emperor William. New; fine, large flower, ultramarine blue, with violet purple eye. Pkt., 5c; ½ oz., 50c.
No. 186. Fire King. Red, very fine. Pkt., 5c.
No. 188. Improved Striped. Extra fine, and very showy. Pkt., 5c; ½ oz., 50c.
No. 189. Peacock. Rich ultramarine blue, margined with a white edge, and marked in the face with bright rose carmine tints. Pkt., 5c; ½ oz., 50c.
No. 191. Rainbow. Splendid steel blue margined with white, marked in the center with carmine and yellow. Pkt., 5c; ½ oz., 50c.
No. 192. Snow Queen. Beautiful satiny white, center slightly tinged with yellow; very floriferous, but small flowers. Pkt., 5c; ½ oz., 50c.
No. 193. Violet Blue. Fine for bedding. Pkt., 5c; ½ oz., 50c.
No. 194. Silver Edge. Dark purple with white border. A charming variety. Pkt., 5c; ½ oz., 50c.
No. 195. Silver Champion. Silver to the base, with margin or belt of yellow. Pkt., 5c; ½ oz., 50c.
No. 195a. Cardinal. The color of the flower would be properly described as a bluish scarlet. It represents the brightest color in Pansies grown. The three lower petals are marked with a large dark blotch. Pkt., 10c.
No. 195b. Masterpiece. This grand pansy, developed from the mammoth five-spotted class, is remarkable for having its petals waved or folded, as shown in the illustration. The flowers are large and round. Every petal has a dark blotch, and nearly every blossom a light edge or border. Masterpiece holds its bloom well in warm weather. Highly fashionable everywhere. Pkt., 10c; 2 pkts., 15c.

Giant Prize, No. 195.

No. 195d. Giant Madame Perret. A beautiful race of Giant pansies characterized by delicate shades of wine red. Flowers 8 to 3½ inches across. The combination of tints and markings is endless. Our seed was purchased direct from the introducer, thus enabling us to offer true and first class seed. Pkt., 10c; 2 pkts., 15c.
No. 195f. Bugnot. A French variety of the five spotted or Odier class with very large and richly colored flowers. Pkt., 10c.
No. 195g. Odier or Prize Blotch ed. A highly improved strain of many different very rich and glossy colors. Each petal is marked with a large dark blotch and clearly defined margin. Pkt., 10c.

No. 195h. Cassier Improved Fancy. The ground color is of all shades and the three lower petals are distinctly marked with a large blotch. Splendid rich colors mixed, very attractive. Pkt., 10c.
No. 196. Chicago Park Bedding Pansies. Finest mixture in large variety of colors. Pkt., 8c; ½ oz., 40c.
No. 197. Good Mixed. Fine strain. Pkt., 5c; ½ oz., 30c.
No. 198. Giant Prize Mixture. A carefully prepared mixture of all the richest, handsomest and largest pansies known to the horticultural world. Pkt., 10c.
No. 198a. Show. (Improved strain of Trimarouard.) Splendid mixed colors; the very best variety for florists. Pkt., 10c; ½ oz., 85c.

200. Petunia Hybrida Grandiflora. A choice, large-flowering strain including many choice varieties of both ruffled and fringed. Cholcest mixed. .................................................. 10

201. Petunia, California Ruffled Giant. These produce flowers of great size and substance. They are ruffled, frilled and fringed. Some are solid colors, others are biotched, striped and veined. (Packet 150 seeds.)................................................ 15

202. Petunia, Farmer Seed Co's extra fine double mixed. This mixture is noted for the rich colors and large size of flowers which are beautifully striped, margined and spotted. Not all seed will come true, but a larger proportion of this strain will come double than any other we have ever tried. (Packet 100 seeds) .............................................. 25

187. Alba. Pure white ........................................5
188. Atropurpurea. Dark purple ................................5
189. Brilliant. Soland rose ......................................5
190. Coccinea. Deep scarlet ..................................5
191. Isabella. Lemon color ....................................5
192. Striata Coccinea. Striped ..................................5
193. Splendid mixture of these varieties ....................5
194. Star of Queltenburg. Splendid mixed, with star-shaped flowers ..................5
195. Fringed Varieties, mixed ...............................5
196. Double Phlox, Mixed .....................................5
197. Hardy Perennial, mixed ..................................5

Phlox Drummondii Grandiflora should be sown in the fall of the year.

No. 238. Salpiglossis.

PETUNIAS.

200. Petunia Hybrida. This is a grand mixture, including striped, biotched and veined varieties. Indeed, just what you need for a showy bed on the lawn or in the garden. Will be sure to please. Finest mixed. Packet, (500 seeds) 5c.; 1/2 oz., 25c.


POPPIES.

220. Poppy, Double carnation. Finest mixed .......................... 5
221. Poppy, Double pacific-flowered. Finest mixed ................. 5
222. Poppy, Pulka-flowered ..................................... 5
223. Poppy, Shirley ........................................... 5
224. Poppy, Single mixed ....................................... 5
225. Poppy, New White Swan. Very double .......................... 6

PERENNIAL POPPIES.

230a. Iceland Poppy. Range in color from white to orange-scarlet. The plants form tufts of fern-like foliage. It is a very profuse bloomer. Mixed colors ........................................ 10
230b. Oriental Poppy. 2 to 3 feet high; blossoms, very large, often 6 in. across. Rich, deep scarlet, shaded black at the center .............................................. 5
231. Portulaca or Rose moss. A Sand Plant. Finest mixed ............. 5
234. Primula Obconica. Everblooming Primrose ...................... 5
236. Primula Chinensis or Chinese Primrose. Single, finest mixed ...... 10
237. Primula Chinensis or Chinese Primrose. Double, mixed, best ......................................................... 15
238. Pyrethrum, P. Golden feather .................................. 5

STOCKS.

Large-flowering, 10-week.

250—White. 251—Blue. 252—Red. 254—Yellow. 255—Dark brown. Any of these separate colors $c. per pkt. (125 seeds) 7c.

256. Stocks or Gilflowers. Large-flowering, splendal mixed .................................................. 5
257. Imported Collection, 12 distinct colors ......................... 80
258. 6 distinct colors, in separate Pkts of 100 seeds each ........ 10
259. Snow White Perfection, or Stock ................................ 10
260. Emperor of Winter Stock .................................... 10
261. Evening Scented Stock ..................................... 5
262. Single mixed ............................................. 5
263. Wallflower-leaved. White. A beautiful variety. The flowers being the clearest possible white, contrasting grandly with the dark green, glossy foliage .................. 10

No. 226a. Iceland Poppy.
SWEET PEAS.

(Lathyrus Odoratus.)

Owing to the great popularity of Sweet Peas, we have had grown for us the best kinds introduced to date. Although the list is not long, it embraces the cream of the Sweet Pea family.

Named Varieties of Sweet Peas

all 5 cents per Packet.
10 cents per Ounce,
20 cents per one-quarter Pound.

Farmer Seed Co.'s Selected Sweet Pea Assortment, Containing

1 Pkt. each of 30 named varieties.
Our selection:

1 Pkt. each of 20 named varieties.
Our selection:

1 Pkt. each of 10 named varieties.
Our selection:

265. Cupid, Dwarf White new.
265a. " Primrose Yellow.
265b. " Pink.
265c. " Beauty Rose standards. Wings striped with rose.
265e. Blushing Beauty. Soft pink, suffused with lilac; extra large.
265f. Blanche Burgoyne. The largest pure white.
265g. California. Very light soft pink, a shade lighter than Blushing Beauty.
265h. Captivation. Light magenta, self-colored.
265i. Chancellor. Bright orange pink; very pretty.
265k. Emily Eckford. Bright shades of heliotrope; of good size and form.
265l. Blanche Ferry. Pink and white flowers, very fragrant; the earliest.
265m. Countess of Radnor. Standard delicate lavender, wings dark mauve; lovely.
265n. Duke of Clarence. Rosy claret; self colored flowers; extra large.
265o. Duke of Sutherland. A rich combination of violet, indigo and purple.
265q. Apple Blossom. Rose, shading to pink; very beautiful.
265r. Gorgeous. Standard, bright orange; wings, rose, very bright and showy; a most effective and valuable variety.
265s. Fashion. Light purplish carmine; a distinct color and very pretty.
265t. Golden Gleam. Deep primrose yellow, the best yellow.
265u. Queen Majesty. Beautiful soft rose pink; very large flower.
265w. Lady Mary Currie. Orange-pink shaded rose pink.
265y. Lovely. Deep rose at base of standard, and wings shading to pale pink and blush at edges.
265z. Captain of the Blues. Blue, very large and full.
266a. Mars Bright. Fiery crimson, a gorgeous flower.
266b. Mont Blanc. The flowers are pure white, of finest form and very fragrant; the earliest of all.
266c. Butterfly. White, shaded and edged with blue.
266d. Navy Blue. Bluish purple standard, navy-blue wings. New and distinct; very blue; the best dark blue yet introduced.
266e. Oriental. Bright pink suffused with orange and primrose.
266f. Othello. The most effective of the dark sorts, the color being a very rich, deep glossy maroon, which contrasts most effectively with all other kinds. The flowers are extra large and of elegant form.
266g. Pink Prior. White, delicately suffused with carmine rose.
266h. Crown Prince of Prussia. Salmon flesh color.
266k. Emily Henderson. White, large flowers. Very early.
266l. Firefly. Scarlet, very brilliant and fragrant.
266m. Invincible Scarlet. A beautiful, rich scarlet, and very fragrant.
266n. Solar. A splendid, brilliant scarlet; best of all.
266o. Mrs. Eckford. The best yellow of all.
266p. Queen Victoria. Light primrose yellow.
266q. Senator. A large gold flower, creamy ground striped with chocolate.
266r. Americana. Large flowering, white with scarlet blotch in center.
266s. Stanley. Rich dark maroon; the best dark variety.
266t. Royal Rose. Fine deep rose colored.
266u. Sensation. White, suffused with faint rose.
266v. Finest Mixed. A very good mixture containing about twenty-five varieties. Pkt., 5c.; oz., 25c.; ½ lb., 20c.
SWEET WILLIAM. This is one of the finest hardy perennials. Exceedingly beautiful and showy, producing an abundance of rich-colored flowers throughout the season.

226. Sweet William, Auriol flowered. Large and beautiful flowers............. 5
227. Sweet William, Finest single mixed. Very double, choice colors............... 5
228. Sweet William, Best single mixed. A choice mixture......................... 5
229. Sweet Sultan (Centaurea Moschata). Handsome, profuse, scented, of very easy culture........... 5
230. Helianthus Cucumerifolius. New miniature Sunflowers; flowers are single, bright yellow with a dark center............. 5
231. Helianthus Argyrophyllus, Silver-leaved. Beautiful yellow and black single flowers and silver foliage............... 5
232. Helianthus Namus fl. pl. Very double, choice colors, dwarf variety........... 5
233. Helianthus Californicus, Very double, extra large....................... 5
234. Verbena, Candissima. Pure white............... 5
235. Verbena, Scarlet. Large flowered............. 5
236. Verbena, Dark blue. Very fine.................. 5
237. Verbena, Golden-leaved. Mixed colors............... 5
238. Verbena, Splendid mixed.................. 5
239. Verbena, Grandiflora. New, mammoth flowered, beautiful colors, mixed..... 5
240a. Mammoth Verbena. The individual flowers are of unusual size, frequently larger than a silver dollar. Choice mixed colors............. 5
240b. Verbena, Mammoth White. By far the best and largest of all Verbenas..... 5
241. Verbena, Mammoth Scarlet. Intense brilliant scarlet, borne in splendid clusters............. 5
242. Verbena, Mammoth Pink. Lovely tints, from light and dark rose to deep maroon............. 5
243. Verbena, Mammoth striped. Very large, beautiful, striped flowers............ 5
244. Verbena, Hybrida. A choice mixture, including a wide range of colors and shades............. 5
245. Vinca, Persianuine Rose, Mixed............. 5
246. Violet, P. Sweet-scented, mixed.................. 5
247. Virginia Stocks, A. Pretty free flowering plants with red flowers............. 5
248. Wallflowers, P. Extra double; splendid mixed colors............. 5
249. Wallflowers, Imported collection of 6 varieties, 10 seeds each, in separate colors, extra double ............. 5
250. Wallflowers, Finest mixed, single............. 5

SELECTED CLIMBERS.

311. Admora Girchosa, A. Allegheny Vine............. 5
312. Ampelopsis Vetchii, P. Japanese or Boston Ivy............. 5
313. Balloon Vine (Love in a Puff). One of the prettiest rapid growing climbers............. 5
314. Bignonia, or Trumpet Vine............. 5
315. Canopy Bird Vine, A. (Tropocolum canariensis)............. 5
316. Cosea Scandens. The best quick-growing climber; splendid showing the first year............. 5
317. Cypress Vine (Ipomoea quamoclit). A very handsome climber; many colors mixed............. 5
318. Helichrysum, or Hyacinth Bean............. 5
319. Humulus Japonicus, A. or Japanese Hop............. 5
320. Ipomene, Heavenly Blue. Produces clusters of large blue flowers............. 5
321. Ipomoea Grandiflora Setosa-Brillian (Flowering Glory, A very handsome, rapid climber............. 5
322. Kenilworth Ivy. Linaria Cymbalaria, P. A charming climber, suitable for vases, baskets, pots and rock work............. 5
323. Lonicera Japonica. A beautiful climber blooms the first summer from seed............. 5
324. Morning Glory Golden Yellow N. flowers, white............. 5
325. Morning Glories, Imported Collection of 6 distinct colors............. 5
326. Morning Glories, New Japanese. The color tints and markings are of incomparable beauty............. 5
327. Scarlet Runner............. 5
328. Smilax, A. The most desirable climber for house culture............. 5
329. Passion Flower. Mixed, blue and white............. 5
330. Wild Cucumber, Echinoecystis lobata............. 5
331. Moon Flower............. 5
332. Passion Flower............. 5
333. Zinnia, Double white............. 5
MIXED FLOWER SEED.

400. Wild Flower Garden. This mixture is composed of the leading varieties of beautiful, easily-grown flowers, which will give a constant and varied bloom the whole season. Oz. 20c. packet (about 500 seeds) .......................... $0.05

400a. Fragrant Annuals. A mixture from seeds of fragrant flowers, giving rich perfume throughout the day and evening. ......... $0.05

400b. Flowers for Bouquets. This mixture contains seeds producing flowers suitable for cutting, nearly all having long stems ................................ $0.05

400c. Mixed Biennials and Perennials. All the best sorts. You can get a great variety for a small outlay. This mixture contains the most popular flowers of the day ........... $0.05

Farmer Seed Co.’s Little Gem Collection of Flower Seeds,

12 Packets Flower Seed for only 30 cents.

To meet the demand of those who wish a neat display of Flowers at a small expenditure, we have selected 12 of the most beautiful annuals that will bloom in a short time, and offer them as our Little Gem Collection at 30c. To beautify home surroundings it is not necessary to go to a great expense.

SUMMER FLOWERING BULBS.

We offer only the most popular sorts, that are inexpensive and easily grown, but nevertheless make a showy display. All our bulbs are large, sound and are sure to grow.

TUBEROUS ROOTED BEGONIAS.

They make a brilliant show all summer as an outdoor bedding plant but are also very fine as pot plants for the conservatory or window garden.

SINGLE SORTS. White, scarlet, yellow, pink, each, 7c.; 4 for 25c.; doz., 50c., postpaid.

SINGLE MIXED SORTS. Each, 5c.; 4 for 20c.; doz., 50c., postpaid.

DOUBLE SORTS. White, scarlet, yellow, pink, each, 12c.; 4 for 45c.; doz., $1.25, postpaid.

DOUBLE MIXED SORTS. Each, 10c.; 4 for 35c.; doz., $1.00, postpaid.

CARDINAL. Single dark, scarlet flowers, 25c. each, postpaid

GLOXINIAS.

Beautiful house plants of dwarf habit, with large trumpet shaped flowers, easily grown, blooming in 6 to 8 weeks after planting.

MONT BLANC. Pure white.

DEFIANCE. Crimson, scarlet.

EMPEROR WILLIAM. Violet blue, with white throat.

Strong bulbs of the above, 15c. each; 3 for 40c.; postpaid. Mixed colors, each 10c.; 3 for 25c., postpaid.

CALADIUM ESCULENTUM.

(Phillip’s Ear.)

A handsome plant for the lawn, producing leaves up to 3 feet long, and 20 inches wide.

Large Bulbs, 25c. each, postpaid.

CALADIUM, Fancy Leaved.

A very fine decorative plant for the parlor.

Mixed varieties, 20c. each.

- CANNAS.

Selected named varieties.

BEAUTE POITEVINE. Crimson-scarlet.

BLACK BEAUTY. Red flowers, fine dark foliage.

FLORENCE VAUGHAN. Golden yellow, spotted crimson.

MARIE WASHINGTON. Deep pink.

MAD. CROZY. Red and yellow.

PREMIER MCKINLEY. Fiery crimson.

AMERICA. Glowing red, yellow throat.

MRS. KATE GRAY. Orange-scarlet, overlaid with gold.

PENNSYLVANIA. Deep red.

Any of the above, 15c. each; doz., $1.25, postpaid.

CANNAN MIXTURE.

Large flowering varieties of all colors, 10c. each, $1.00 dozen, postpaid; 25 for $1.75; 100 for $6.50 not prepaid.

DAHLIAS.

Selected named varieties.

DOUBLE DECORATIVE AND SHOW DAHLIAS.

C. W. BENTON. Immense size, canary-yellow.

GRAND DUKE ALEXIS. Pure white, tinged delicate pink.

KATHERINE DUR. Geranium-red.

FRANK SMITH. Dark maroon, tipped white.

CACTUS DAHLIAS.

GENERAL BULL. Cardinal red.

BRUNHILDE. Deep plum color.

KRIEMHILDE. Brilliant pink.

WINSOME. The finest white.

Any of the above, 30c. each; 3 for 25c.; postpaid; 15c. each $1.25 per doz., not prepaid.

DAHLIA MIXTURE.

A splendid mixture of all colors including many novelties. 10c. each; $1.00 per dozen, postpaid; 25 for $1.75; 100 for $6.50 not prepaid.

HARDY LILIES.

AURATUM or Gold-Banded Lily. The large white petals are overlaid with chocolate-crimson and have a bright golden-yellow band through the center of each.

ALUM. Very fragrant, large flowers, pure white, with a greenish band running through the center of each petal.

RUBERUM. White ground, with band and spot of rose or crimson on each petal.

Any of the above 20c. each, 2 for 50c. per dozen, postpaid
SUMMER FLOWERING BULBS—Continued.

GLADIOLUS.
Selected Named Varieties.

The new large flowering variety of flesh pink color.

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<th>Postpaid, each doz.</th>
<th>15c.</th>
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<td>Eugene Scribe, rose...</td>
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<td>Isaac Buchanan, yellow...</td>
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<td>Max, white with carmine...</td>
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GLADIOLUS MIXTURE.
A splendid assortment of the finest varieties, unsurpassed in size of flowers and variety of color. Strictly selected first sized bulbs. 10 for 75c.; 25 each for large quantities postpaid; 100 for $1.50; 1,000 for $14.00, not prepaid.

TUBEROSES.
(True Excelsior Pearl.)

One of the most delightful and beautiful of the summer flowering bulbs. The Excelsior is a great improvement of the old dwarf Pearl, being more dwarf and the flowers extremely double. Large bulbs, 5c. each; 10 for 50c., postpaid.

CLIMBERS.
APIOS TUBEROSA.

A beautiful hardy climber that deserves to be more popular. Grows to a height of 8 to 10 feet; vine and foliage resembling a small Wisteria; flowers are deep purple and have a strong fragrance. Tubers, 5c. each; 10c., postpaid.

IPOMOEA NOCTIFLORA.
(White Moonflower.)

It is a beautiful, vitozous climber, producing large, pure white, sweet-scented flowers which open at night and on dull, cloudy days. Tubers, each, 10c., postpaid.

IPOMOEA LEARI.
(Blue Moonflower.)

Flowers six inches across, of intense violet-blue, with reddish purple rays. Tubers, each, 10c., postpaid.

MADEIRA VINE.

A beautiful tender climber, covering a large space in a short time. Flies, light green, heart-shaped leaves, and numerous racemes of feathery white flowers of delicious fragrance. Start tubers in the house, and as soon as danger of frost is over, set them in the open ground. Tubers each, 5c.; doz., 10c., postpaid.

INDEX TO THIS CATALOGUE.
DESCRIPTIONS OF NOVELTIES ILLUSTRATED
ON BACK COVER PAGE.

HYDRANGEA. Paniculata Grandiflora.

This is the handsomest hardy shrub grown anywhere. It is a native of Japan and thrives in all sections of the country containing a fair soil. In August, when all other shrubs are through flowering, it grows from 3 to 6 feet high, producing great sprays of flowers in all shades of steel blue in color. As the flowers fade, they turn a most handsome shade of purple, which persists all winter. The flowers are produced in such quantities that 50 or 60 cuttings may be made from a single plant to carry over 500 large blooms. To obtain the best results the plants should be severely pruned back each season. Flowers are produced on the new wood and the older it is stripped the stronger the new growth and blooms will be. Mulch the ground thoroughly around the plant by the first of October, and water freely in all dry weather, before the ground is frozen hard. Priced at 50c. each, for 25c. per plant. 2 yrs., 2 to 3 ft. high, each 50c., for $1.25; 100, $7.50; postpaid.

Strawberry Raspberry. (Bush Strawberry)

A very beautiful fruit from Japan. Bush is from 8 to 12 inches to 2 feet in height, entirely hardy and impervious to heat and drought. The berries are larger than the ordinary strawberry, but the flavor is incomparable and is far superior to the latter variety. The fruit is usually a rich red color, and entirely different from any other variety. An immense yielder, producing regularly and abundantly. It bears the first season and sets strong shooes that will bear another season and produce a large crop. The illustration on back cover is a true reproduction from nature. Price: 10c. each, 6 for 40c., doz., 75c.; postpaid; by express, $2.00 per 100.

Ancient Briton Blackberry.

One of the hardy varieties. The canes are very vigorous and grow quickly. This blackberry is a distinct variety, grown for its berries of fine quality, that stand handling well and bring the highest price in the market. For general planting—for either home or market—in Iowa, Illinois and Wisconsin and other states. Illustrated, 60 pages. Price, 125c., prepaid; 100, $6.25, not prepaid.

Polar Star Red Raspberry.

This is a red Raspberry which unites large size, beautiful color, firmness and high quality of fruit with productiveness, vigorous growth and hardness of cane. It is the earliest in season, and its fruit, which is about twice the size of the old variety, is of the best quality. In productiveness, vigor of cane, hardness and endurance in heat and drought, it is second only to the purple cane varieties, such as the Cardinal and Columbian. Doz., 50c., prepaid; 100, $2.00, not prepaid.

White Grape Currant.

Undoubtedly the most popular and the largest, White Currant, of rather small berries, grows like the Grape and produces a lot of fine red and white currants, and is an excellent table fruit. It is moderately hardy, and the berries are very large, whitish-yellow, sweet and of exceedingly fine flavor. Very profitable, because of its great productiveness. 1 doz., 25c.; prepaid.

London Market Currant.

This is beyond comparison in productiveness and fine quality, with any of the older varieties, and from present indications is destined to supplant them all. It bears a lot of berries in the fall, and is thoroughly hardy. It thrives in all parts of the State of New York, and also in the northern States. Illustrated, 150 pages. Price, 120c., prepaid; 100, $5.50, not prepaid.


The Farmers Tanning Guide, by G. E. Stevens. Gives all the latest ways of tanning in from ten minutes to six weeks. Also complete recipes for various compounds, especially for farmers. Price, paper, 25c.

Farm Blacksmithing. A complete treatise on blacksmithing by J. M. Drew, written for farmers who want a workshop where they can produce any tool or implement they may want. It is full of practical work, and especially for farmers. Price, paper, 25c.

Five Hundred Questions and Answers in Horticulture, by L. H. Coe. This book is practically a complete serviceable text book for swine farmers. Not only does it contain answers to questions concerning diseases of swine, but it also fully and carefully compares the different breeds, treats of breeding, feeding and pasturage. The questions were asked by farmers and answered in "The Farmer" from 1900 to 1907. Price, paper, 25c.

Lettuce, special reference to the culture of the different varieties, and the practical methods of culture in the city lot, the garden, and in America, temporary and permanent will make the "2000 years a head" a reality for the intelligent poultryman. 128 pages, completely illustrated. Price, paper, 25c.

Poultry Houses, Coops and Equipments, by H. A. Nourse (editor of the Poultry Farmer.) A complete practical treatise for the selection and building of the most suitable houses for the poultry farmer's use, with explanatory diagrams. Price, paper, 25c.


Elements of Agriculture, by J. H. Sheppard and J. C. McDowell. A complete treatise on practical agriculture, covering plant and animal breeding, soil fertility, field crops, orchards and vineyards, and agricultural schools throughout the Northwest. 120 mo. cloth, 100 pages. Price, $1.00.


HOG GROWTH AND CARE.

Hogs which for thirty to forty cents; Price, complete artist, also paper, 100 mo.


Grasses and How to Grow Them, by Thomas Shaw. Covers names and characteristics of all the valuable grasses of the country, the best permanent pastures, methods in making hay, etc. Illustrated, 453 pages. Price, 12 mo. cloth, $1.00; stiff cover, 50c.

Feeding and Management of Live Stock, by Thomas Shaw. A series of lectures on the principles covering selection, feeding, breeding, manuring, and care of live stock. Illustrated, 100 pages. Price, 8 mo. cloth, $1.00; stiff cover, 50c.

Farmer Seed Co.

Farmers and Seed Growers
Hardy Shrubs, Roses
and
Small Fruit Plants.
Faribault, Minn.

For descriptions
and prices see
inside back

Cover page