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Annual Catalogue—Spring 1903

Improved Grown Northern Farm and Garden Seeds

Hardy Shrubs, Roses, and Small Fruit Plants.

Our Specialties

Improved Seed Grain and Clover Grass Mixtures for Permanent Pastures and Meadows

Farmer Seed Co.

Farmers and Seed Growers

Faribault, Minn.
A FEW WORDS TO OUR FRIENDS AND CUSTOMERS.

In presenting this, our annual spring catalogue, we wish you all a happy and prosperous new year, and at the same time thank our old friends and patrons for kindly favoring us with their orders and speaking a kind word for our Seeds to their neighbors. We assure you that we appreciate this very highly, and will make every effort to hold your confidence by giving you the very best service.

The best evidence that our Seeds are of strictly first class quality and that we fill all orders entrusted to us carefully and satisfactorily, and that we also treat our patrons right, is found in our ever increasing business. Our old customers are always glad when we have been able to improve our business in the last year so that our business has increased to such an extent that we were obliged to occupy new and larger quarters. Over a year ago we bought a large and commodious solid stone building, and have arranged this building now for our freight and mail order department and our office rooms, but still occupying our old building for cleaning purposes and for store-room. We think that now we have a permanent location, as our store is large and commodious and will well accommodate all our business.

We are located in the best farming and seed producing section of the Northwest, and grow the most important part of the Seeds that we sell ourselves. Improved Seed Grain, Seed Corn, Seed Potatoes and Vegetable Seeds are our specialty. No other dealers can furnish you a greater variety of seeds, as we carry a great stock of seeds from our farm, and are the principal dealers in this district. City seedsmen buy their Seeds in the open market like ordinary merchandise, the vitality and purity of which is always doubtful, and sell them under all sorts of big names at the highest price obtainable. This is what they call "SEED BUSINESS." We spray and treat our seeds to kill such insects as will not be killed by ordinary means, and our Seeds are free from such diseases as make other seeds susceptible to such attacks.

For "AS YE NOW SO SHALL YE ALSO RECEIVE.

We can easily show you the best facilities for supplying you with superior grades of the best varieties of Grain, Cotton, Tobacco, Tanks, and Vegetables. We do not claim, however, that we grow all the different varieties of seeds we sell. This would be impossible. Such seeds as cannot be successfully grown here have been grown from carefully selected Seeds which have been brought from the well known and experienced seedsmen.

Our Seeds are grown in a well drained, fertile and clean soil, which is clean out, free from weeds, and from carefully selected Stock Seeds.

It is our aim to supply only the very best seeds to our brother farmers—Seeds true to name and of the best quality, such as will give the best results. It is impossible to have the very best results from any seeds that are not of the very best quality.

We want all our brother farmers, who have not yet dealt with us and who receive this catalogue, to give our carefully selected Clover-Grass Mixtures, Seed Grain and Choice Vegetable Seeds at least a trial this spring and send us their orders so we can demonstrate that nobody can supply you with better or Northern Grown Seeds than we can.

Yours to command,

FARMER SEED COMPANY, W. M. KUEKER, Manager.

Caution.—Please be careful that you do not direct your correspondence to the Faribault Seed Co., but to the FARMER SEED CO., Faribault, Minn., otherwise we are not responsible for an answer nor for the amount sent.

A FEW SUGGESTIONS ABOUT ORDERING.—PLEASE READ.

With every catalogue we send an Order Sheet and Envelope, and in making out and sending the order, please use these if it is just as convenient. (If you want to use more Order Sheets and Envelopes, please write for more.) The full address should be sent and number of each kind of seed ordered. We and our agents are always ready to supply you with the very best seeds for your needs.

TIPS.—With every order you send us please send the amount, as we do not fill orders unless the amount is sent with them. Your order can be sent by any of the methods mentioned below, and we are responsible for any amount sent in this way, and if you wish to know something about our responsibility please write to either the First National Bank or to the Faribault Seed Co., Faribault, Minn., and ask them what they think of us.

HOW TO SEND MONEY.—Money can safely be sent either by POSTOFFICE MONEY ORDER, BANK DRAFT ON CHICAGO OR NEW YORK, EXPRESS MONEY ORDER, or in a REGISTERED LETTER. We are responsible for all money once it is out of our hands, and if it has been lost without receipt then we are responsible for it. Silver coins should be sewed in cloth or pasted upon strong paper to prevent wearing through registered letter. Do not send your check, as orders are not filled on the 10th of the month. We charge for post-office money order and stamps and add expense in filling orders. Please do not send POSTAGE STAMPS, and if it is necessary, not in amounts over $1.00, we prefer the two-cent stamps. Be careful not to moisten them. Letters, also, will often get damp, causing the stamps to fade, and we ask you to keep them dry.

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 of shipment, and if the amount of the order exceeds $25.00 we also send the shipping receipt, with a letter and full particulars of the order. We find that the heavy weather these orders are acknowledged and shipped as soon as the weather permits, and customers are notified of shipment.

QUICK SHIPMENT is our motto. We have the facilities, and our experience and improved methods of packing and shipping, and with the advantage of having our own farmlands, we believe we can ship or sell better than any other dealer.

Our PRICES.—We always aim to supply the highest quality and the best seeds that it is possible to grow, and make the prices reasonable and lower than seeds of equal quality can be bought elsewhere. We can do this because we own our business and our buildings, have a large farm, and have already garnered all the Seeds. The prices on everything are plainly given in this catalogue (a few kinds only such as Timothy and Clover, are subject to changes of the market), and it is very easy to make out the order and carry out your treatment. It is also very easy to put the Seeds in your seed box or store them. The Seeds are requested to write us about the varieties and the quantities desired, and if possible we will quote special prices, as it sometimes happens that our stock of some varieties is large and we can make special low prices.

We hope you will be satisfied with our seeds, as we have of course tried them carefully and nothing is sent out which we do not believe good in every respect. We know that our Seeds will grow and give satisfactory results, but we can in no manner warrant the crop nor be responsible for other failures, as success very often depends on circumstances outside of our control.

A neat, plainly written order is sure to be filled correctly, and without delay, besides getting valuable extra's. In making out the order always carry the prices, add the amounts together, and remit the total amount.

OUR LIST OF PREMIUMS. (Please notice pages 39 and 40.)

We do not give high Cash Prizes, by which only a few of our customers would be benefited, like many of our competitors do, as an inducement for people to our catalogue. We believe that the ordinary open catalogue is the best way to introduce our Seeds to the public, and we give every customer, besides fair treatment, some extra, depending on the order.

Premiums with Clover-Grass Mixtures.

With every Order from $10.00 to the amount of $15 to $25, any book or books listed on third cover page to the amount of 50 cents, or our "Little Knife and Scissors" Grind- ers No. 1 or 2, or any book or books listed on second cover page to the amount of $2.00 and a "Little Giant" "Cydone" or "Indiana" Seeder, or any book or books from our list to the amount of $1.25.

Premium to be Given with Seeds Selected from Our Farm Seed Department.

With an order of $10.00 to the amount of $15 to $25, we give you either of "Little Giant" or "Indiana" or a "Cydone" Seeder as premium, or you may select a book, your choice, from our Western Northern Grown Seeds than we can.

At $1.25, if you prefer. On orders for $15 and less than $24 you may select a book, your choice, from our Western Northern Grown Seeds than we can.

Premium on Garden and Clover Seeds.

With an order for $3.50 worth of Garden and Clover Seeds, we send you a very useful little implement, free. On smaller orders for Vegetable and Flower Seeds we send extra's in proportion to the order.

For every $1 worth of Seeds in packets that you order you may select 25 cents worth of Seeds, in packets, extra.

For special seed demands on Flower Seeds for Boys and Girls, please see Flower Seed List.

For other Choice Premiums on Seeds, please see pages 39 and 40 of this catalogue.
Grass and Clover Seeds.

GRASS IS KING, and more and better grasses are required for successful farming. The more grass we grow, the more cows and cattle we can feed, and world is by far the most important. No other crop is so necessary to the sustenance of the various forms of animal life, and in no other way can soil fertility and soil moisture be so easily maintained as by sowing Grass and Clover Seed. Grass and Clover Seeds have always been our great specialty. After successful experiments, we have brought to our farms the best of the various kinds of grasses. The following pages deal with the description of the various kinds of grasses and clovers, and have carried on extensive experiments on our farms to ascertain the varieties best adapted to the different kinds of soil and the different purposes. Grasses are now so largely grown, both as food for cattle and as feed for man, that we cannot undertake their cultivation as undertaken by anyone, devoting sometimes from five to twenty acres to single varieties. Having studied Grasses and Grass Seed from actual experience, we are in a position to know something about the habits of the different kinds and their nature. On this and the following pages we have given a full description of the most important types of grass, exerting the requirements, such varieties as are best adapted for his soil and purpose. We have also put up Clover-Grass Mixtures for Permanent Pastures and Meadow, well considering the growth, maturing, and the different purposes of the different kinds of grasses, as well as enabling our customers to make the right selection of the proper Grass Seed required for his particular soil and purpose. The utmost attention that we exercise in selecting and putting up these Clover-Grass Mixtures account for the great success our customers have with them, as the many letters received from them, of which we have a few printed on pages 12 and 13, will prove.

BROMUS INERMIS

Also known as “Austrian Brome Grass”, “Horse Brome Grass”, and “Crimson Brome Grass”. It has in time been introduced into all parts of the world, and is now widely grown. It is a hardy perennial, withstand the extremes of heat, drought and cold better than any other kind of grass. It has been fully proven that it will not only succeed and grow under conditions that prove fatal to timothy, clover, orchard grass or alfalfa, but it will also make the most astonishing yields under such unfavorable circumstances.

The experiment stations of Colorado, Minnesota, Manitoba, North Dakota, South Dakota, and the different grass stations of the Agricultural Department, Washington, D. C., have conducted extensive experiments, and we speak of it in the highest key in July, this year. Brome Inermis is a native of Europe and Asia, ranging from France eastward into Siberia, growing along roadsides, river banks, borders of fields and meadows. It is a creeping, shallow rooted, smooth, reed-like grass, with strong creeping rootstocks, smooth, upright, leafy stems, one to four feet high, and loose, open panicles, or “seed heads,” four to eight inches long. In its growth it follows the timothy as far as it is possible to separate it from other grasses, clovers and weeds. Its remarkable drought-resisting qualities have proved it to be the most valuable grass for dry regions where other grasses could hardly live.

As it is thoroughly permanent and grows with wonderful rapidity, producing heavy crops and luxuriant pastures, its value to the farmers of dry regions is self-estimated. The chemical analyses made, show that it is rich in flesh-forming ingredients, much more so than timothy. It is very hardy and is not injured by severe spring and fall frosts even when established. As it starts to grow very early in the spring before any of the grasses upon the native prairies show signs of life, and remains green and succulent far into November, it will supply the wants of the winter and early spring.

The yield of hay from Brome Inermis varies from two to four tons less per acre, according to climatic conditions, method of seeding and fertility of soil, with quality of soil prevailing. One important feature which distinguishes Brome Inermis from other hay grasses is that it does not deteriorate rapidly after the flowering period, and, even if cut when the buds are ripe the hay will have lost but little of its nutritive qualities, owing to the fact that after the seed-bearing stem has grown up a large number of leafy shoots sprang up from the base. After furnishing three or four crops of hay, it is capable of standing a very much heavier grazing. With ordinary care, it thickens the soil, often forming compact sod and a heavy growth of leaves. If one desires to use it for pasture at once it will be better to seed it thickly at the rate of about twenty-five pounds per acre.

Brome Inermis will withstand extreme changes in the temperature without injury. It has the ability to produce pasture during long periods of drought far exceeds that of any other cultivated variety. In Canada, where it had been exposed to a temperature of forty and fifty degrees below zero and not covered by snow, it was entirely uninjured. Out of seven or eight hundred varieties tried at the Kansas Experiment Station this proved to be the best. Without doubt it is the Grass for the semi-arid regions of the West.

The land should be fall plowed, disked and harrowed. It should be sowed in the spring, except in California, Oregon and Washington and probably in the Southern States, where it is preferable to sow in October or November. We broadcast at the rate of 20 to 25 pounds per acre or heavy, and harrowed. It should be sowed in fall at the rate of 20 to 25 pounds per acre.

On account of the Brome Inermis being so very hardy and spreading, through its creeping rootstocks, a great many who are not familiar with this so valuable a grass are afraid that it may be so hardy that it cannot be eradicated, like quack grass. This is a very erroneous impression. To read some of the Bulletins issued by our Agricultural and our best agricultural papers, they would not enthrall such doubts as to Brome Inermis.

Our experience with it covers a period of eight years, during which time we have plowed and plowed up different fields, and find that one plowing is generally sufficient to kill the plant. But for early spring work, it is better to seed it as a green manure crop. If the weather is very dry, it will grow out again the same as June Grass or other hardy grasses; but, if broken up in the proper season, which is often about the end of July, this will not happen.

From a field sown to Brome Inermis seven years ago we have used three acres for hay pasture for several years. The last two summers here in this section have been very hot and dry, and consequently nearly all Timothy and Clover pastures were burnt out; but Brome Inermis did not seem to suffer in the least, although this was a naturally poor and sandy piece of land.

Having grown Brome Inermis ourselves for a great length of time, we have convinced ourselves of its great merits, as it is exceedingly hardy, drought-resistant and essential to to. In comparing our own home-grown Brome Inermis Seed with imported seed and such as is sold under such brands as "Choice," "Prime," "Sterling," we find that our seed is much better filled and heavier, and because of greater vitality and better germination than imported seed. Our seed being raised on the cleanest ground, is free from all impurities and true to name.

Price: Northern Grown Brome Inermis-Inb. 20c. lb. (14 lbs. $2.25; 100 lbs. $15.00. 1 lb. prepaid by mail. 50c. Choice or Imported Brome Inermis-Inb. 1c. lb. (80 lbs. $10.00. 1 lb. prepaid by mail. 50c.)
2. BROMUS ERECTUS or MEADOW BROME GRASS—This is a grass which resembles Bromus Inermis in character but is better suited for poor, light soils and hillsides, where it resists any amount of burning heat, while frost does not affect it, and for such places it will prove a blessing, and it will grow where other Grasses do not thrive. We have found it a very good Generous Fourrager, and it thrives very well, and should especially be sown by ranchmen and in range countries, and its introduction into those states means millions of money added to their wealth. Vilminor, the noted agriculturist of France, says that 30 years ago he sowed this Grass on lands that have never been manured and the Grass still stands extremely well. Bromus Erectus grows well on land so poor where other Grasses cannot exist, is thoroughly permanent and remains for an indefinite period, affording large yields of hay, which on good land, are produced as high as 4½ tons per acre. We can offer the seed at a reasonable price, and it would be well to send your orders as early as possible. The seed is sown the same as Bromus Inermis, and about 18 to 20 pounds per acre. Lb., 10c.; bu. (14 lbs.), $2.25; 10 lbs., $15.00.

3. MINNESOTA TIMOTHY—Timothy is so well known to everybody that it hardly needs a description. A very good grass is grown more than any other of the cultivated Grasses.

We would like to call the attention of our brother farmers to the difference between Timothy Seed grown here in the most prosperous farming country in the United States, on good bottom lands free from all kinds of obnoxious weeds, and Timothy handled by dealers in larger cities, sold through money houses mostly, grown for them and raised further south. On account of its extra good quality there is always a great demand for our Minnesota grown Timothy by Eastern dealers and for export.

Price of our Superior Minnesota Grown Timothy: Lb., 10c.; lb. prepaid by mail, 10c.; peck, 90c.; bu., $3.20; 2½ bu., $7.85; 100 lbs., $75.00; grain sacks 16e. each extra.

COMMON TIMOTHY—Although this is free from foul seeds, we offer it for a lower price as it has not the nice and bright appearance of our Minnesota Grown Timothy, but it is fully equal to such grades offered by other dealers as “Prime,” “Strictly Prime,” “Choice,” etc.

Price of Common Timothy: Peck, 50c.; bu., $3.20; 100 lbs., $6.55; 2½ bu., $7.45; grain sacks 16c. each extra.

TIMOTHY AND ALSYKE CLOVER MIXTURE—This is sown together for hay quite extensively here in Minnesota, and on account of the good yield is also cut for seed. Alsyke Clover grown together with Timothy will make a much finer hay than Medium Red Clover, and the hay is free from fuzz or dust, and will not cause the horses to cough.

On moist soil, where Medium Clover is so apt to winter-kill, Alsyke can be sown together with Timothy to very good advantage, and for pasture, no matter if it is high ground, it will also be more permanent than Medium Red Clover. When grown together for seed it is impossible to separate it from each other, as the seeds are of uniform size, therefore, we have to sell it at a reduced price, Alsyke Clover is very high in price, and all those that generally sow Clover and Timothy together will save quite a little money by sowing our Alsyke Clover and Timothy Mixture.

This seed contains about one-fourth to one-third of Alsyke Clover to three-fourths to two-thirds of Timothy, or as near in that proportion as we can tell, and is just the proper mixture for sowing. It should be sown at the rate of 8 to 10 lbs. per acre.

Price: Lb., 10c.; lb. prepaid by mail, 10c.; 10 lbs., $1.00; 25 lbs., $2.20; 50 lbs., $4.25; 100 lbs., $8.35; grain sacks 16e. each extra.

Prices: Owing to the prices of Timothy varying a great deal, and sometimes changing almost daily, we reserve the right to fill all orders quoted as 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 seed to the full value of money sent. Buyers of large quantities should write for firm and lowest prices before buying, which we quote by return mail.

4. MEADOW FESCUE—Festuca pratensis—We regard this as one of the most valuable Grasses for several reasons. Chief among them is that it adapts itself to different conditions of soil and climate and does well all over the United States and Canada, and is also highly valued and largely cultivated throughout Europe. It gives a good amount of early and late feed of good quality, and yields heavily—from 2 to 4 tons of hay per acre, which is of fine quality and very nutritious, and as a pasture grass it is particularly valuable, as it is a most persistent grower, and one of the earliest in spring and the latest in the fall. It never freezes out or winter-kills. It resists drought and cold winters and does not die out. It grows well on poor dry bottoms, badlands and tops, gravelly and loamy lands and clays, and having many fibrous roots running down 8 to 15 inches, resists the drought. We value it very highly and have about 40 acres of our farm sown with Meadow Fescue, and elsewhere it is also largely cultivated.

Meadow Fescue is also known as “Randall Grass,” “Evergreen Grass” or “English Blue Grass.” It grows about 3 feet high, stands out well, but never grows in tufts, and flowers in June. About 18 to 22 pounds of seed should be used per acre.

Owing to the unusual short crop the seed is higher priced than it has been, but it is not so dear that it cannot be sown largely on this account. We urge everyone to sow this most valuable grass, and if but one acre for trial, although 100 acres can be just as safely sown and good results expected.

Price: Lb., 18c.; bu. (14 lbs.), $2.00; 100 lbs., $11.00. Lb., postpaid by mail, 20c.
5. RED TOP—CHAFF SEED—This Grass is found in nearly all parts of the country, doing well in the mild climate of the Southern States, and giving results equally satisfactory in the Eastern, Western and Northwestern States. Although Red Top is most generally found on low ground and in marshes, it is a mistake to suppose that it is adapted for low or wet land only. It will grow abundantly, but not so heavily, on sandy land or knolls. In this country the Red Top is generally sown in the marshes, together with Timothy, but the Timothy is generally destroyed by the winter, while the Red Top continues to live and flourish. The best way to sow Red Top in sloughs and wet places not yet dry enough for the plow is to sow it together with Tall Fescue. Floating Meadow and Water Spear Grass, when the fine Red Top makes a valuable undergrowth among these other tall-growing varieties.

The seed of Red Top is usually sold in the chaff, and we make two grades of this. About 12 to 14 lbs. are usually sown per acre.

No. 1: Lb. 10c.; bu. (14 lbs.), $1.05; 100 lbs., $6.90.
No. 2: Lb. 8c.; bu. (14 lbs.), $1.05; 100 lbs., $6.50.

6. FANCY RED TOP—Clear or Solid Seed. During the past few years, cleaning machinery for separating the solid seed from the chaff has been perfected, and it is thereby possible to offer clear or solid seed, known also as Fancy Red Top. This is naturally much higher priced than the other, which contains chaff, but in the end it is the cheapest. We consider one pound of the Fancy Red Top equal to three pounds of Chaff Red Top, and this means that one pound of the Fancy seed will go as far as three or four pounds of the Chaff seed. Fancy Seed: Lb. 10c.; bu. (14 lbs.), $1.15; 100 lbs., $13.50. No. 2 or Prime to Choice: Lb. 13c.; bu. (14 lbs.), $1.70; 100 lbs., $11.50. Pound, by mail prepaid, 25c. for Fancy Seed.

7. RED TOP AND TIMOTHY MIXTURE—We have a small quantity of this which grew together and has been threshed together, and as these two varieties are frequently sown together, we offer the seed as it is, being mixed is about the right proportion, containing from one-third to one-half Red Top, which is fancy or clear, solid seed. About 8 to 10 lbs. per acre can be sown. Price: 25 lbs., $2.25; 50 lbs., $4.15; 100 lbs., $8.00.

8. ORCHARD GRASS—Dactylis glomerata.—For pasture or hay land a most valuable Grass, and on account of its earliness very valuable for permanent pastures. It furnishes the first green bite in the spring and the last in the fall, and is quick to recover from close cropping, and even thrives better 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 is very heavy, and 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 winter-kill. It is much given to growing in tufts, and is therefore not adapted for sowing alone or by itself; but when sown together with other Grasses, or in our Clover-Grass Mixtures, a close and even sod 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.

When grown for hay, we have found that best results are obtained when it is sown together with Tall Meadow oat Grass and meadow Foxtail. These are all early, flowering about the time of Red Clover, which can be included and can be cut at the same time, when a yield of two to four tons per acre of splendid and nutritious hay can be obtained, and as all these varieties are of very heavy and strong aftergrowth, splendid pasture can be had the rest of the year. This is of so great value, especially to dairy farmers, that we have selected a special or Orchard Grass Mixture, about which more can be seen on page 9, under O No. 6.

We offer two grades, and though the price may seem high for our best grade, good and clean seed cannot be bought cheaper.

No. 1: Northern-Grown Orchard Grass: Lb. 12c.; bu. (14 lbs.), $2.00; 100 lbs., $14.00.
No. 2, or Prime to Choice Orchard Grass, the grade as sold by dealers generally: Lb. 13c.; bu. $1.70; 100 lbs., $11.00. By mail, postpaid, best grade, 25c. per lb., and second grade, 20c. per lb.

9. KENTUCKY BLUE GRASS—Poa pratensis.—The most widely known of all the natural Grasses, it does well everywhere, and can be found in almost every part of our broad country. In some parts of the country 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. It is unusually early in spring, and provides good feed directly in May and June in our Northwestern States, and again late in the fall until the ground freezes. It is very hardy, and is not injured by the cold, and very hard to kill by dry weather, hot sun, the tramping of hoofs or close mowing. It is suited to any variety of soil, and seems to succeed best on moist, rich land. It requires about two years to become well established, and for this reason should be used only where permanent pastures and meadows are wanted.

Good Blue Grass Seed is rather scarce this year, but we secured a quantity direct from the Blue Grass Region of Kentucky, and can offer it at reasonably low prices. Fancy Kentucky Blue Grass: Lb. 10c.; bu. (14 lbs.), $1.40; 100 lbs., $9.00. Prime, Extra, or B Grade: Lb. 12c.; bu. (14 lbs.), $1.20; 100 lbs., $8.00. Pound, by mail, postpaid, 24c. for Fancy Blue Grass.

10. CANADIAN BLUE GRASS—Poa compressa.—The Canada-grown seed of Blue Grass is sold much cheaper, and is very hardy. We can make the following price on this seed: Lb. 10c.; bu. (14 lbs.), $1.10; 100 lbs., $7.00. Lb. by mail, postpaid, 20c.
11. ENGLISH RYE GRASS—Perennial Rye. *Lolium perenne*—It has become well known in this country, and is very largely sown, and has proven itself very valuable. It seems to be especially adapted for pastures, will endure close cropping, and is of strong and quick growth. It produces an abundance of foliage, which remains bright and green throughout the season, and for this reason is also much used for Lawn Grass mixtures. It is also well adapted for permanent meadows, and yields large quantities of very nutritious hay, which is well liked by all kinds of stock. It grows well on almost any soil, but prefers medium rich or moist land, such as the home G. C. field on medium rich land. 3/4 bushel of corn, and gives the healthiest yields on such land. It grows 2 to 3 feet high; when sown by itself about 20 to 22 pounds of seed per acre is sufficient. Superior Grade: Lb., $1.00; 100 lbs., $6.75. Pound by mail, postpaid, 10c.

"To Malone, N. Y.—I sowed the Grass Seed I got from you last spring (Meadow Fescue, English Rye Grass, Orchard Grass and Tall Meadow Oat Grass) with oats and got a great stand of Grass. It was so heavy it bothered me to cut my grass. The tall fescue will all the fall before I sowed on 12 acres of Winter Rye the last of October, it did not come up until this spring, and I never got as nice a stand of grass in my life before and as clean from soil seeds as this piece is." FRED REMYLL.

Troxler, D. D., Nov. 28, 1891—Gentlemen: All the seeds I got from you did remarkably well, especially the Bromus Inermis and English Rye Grass, and Tall Meadow Oat Grass and White Clover. I shall sow largely of Bromus Inermis.

J. MURPHY.

12. ITALIAN RYE GRASS—*Lolium italicum*—It is one of the Grasses not well known, but very valuable, and deserving more attention. It grows on all kinds of land, but thrives best on heavy clay land. There the Grass is much melted and has a different color from the rest of the meadow. It is of a remarkably good quality, and especially if irrigated, immense crops can be produced, being cut 4 or 5 times, and yielding as high as 7 or 8 tons of dry hay per acre. It is also much adapted for spring and autumn growth. I have had the fall before I sowed on these bare spots in spring a full crop can be counted on from it. It grows 2 to 4 feet high, with an abundance of foliage, and is much liked by all kinds of stock and generally grown for Clover and sown on these bare spots in spring a full crop can be counted on from it. It grows 2 to 3 feet high, flowering in June. Lb., 15c.; bu. (14 lbs.), $1.05; 100 lbs., $11.75. Lb., postpaid by mail, 25c.

Clifford Co., November 8, 1891—Eng. Rye Grass, which can be successfully grown in all parts of the county. It will not winter-kill and will live and endure our cold Northern Minnesota Winters, and can be cast on mountain land, and in parts of the country where it is sometimes very hot and dry. It starts very early in spring, and is very a valuable pasture Grass on this account. It is seldom sown by itself, but mostly with other varieties. In our Clover Grass Mixtures, where it gives the best results. succeeds best in deep rich, sandy soils and even on clay and heavy dry soil it does well. It is a true perennial, growing 3 to 5 feet high, and flowering in May and June. Price, Superior Grade Lb., 15c.; bu. (14 lbs.), $1.05; 100 lbs., $11.75. Lb. by mail, postpaid, 25c.

13. HARD FESCUE—*Festuca arundinacea*—This Grass is of great value on account of its hardiness, and is adapted to dry hillside pastures and uplands, all kinds of good upland soil, and Hay is well liked by all kinds of stock, and its presence in hay indicates a superior quality. It will resist severe droughts to a remarkable degree. It is a clover-grass or special clover, and requires clover for successful growth, but as such as the grass is a good one for pastures, it is well adapted for a great variety of soils, but prefers upland and sandy soil. It grows 2 to 3 feet high, flowering in June. Lb., 15c.; bu. (14 lbs.), $2.20; 100 lbs., $14.25.

14. RED FESCUE—*Festuca rubra*—For meadows or pastures on dry, hard or sandy soils this Grass 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 entirely dried up. It is very hardy, a true perennial, growing about 1 to 2 feet high. Lb., 15c.; bu. (14 lbs.), $2.20; 100 lbs., $14.25.

15. SHEEP'S FESCUE—*Festuca ovina*—This variety prefers to grow on light, sandy soil, and dry uplands or hill sides. It is deep rooted, and not affected by neglect, because of this it is so much in demand of it, and in mixtures for permanent pastures on dry uplands, particularly if used for sheep grazing. It could be increased on all good meadows and very nutritious. On account of its fine foliage and compact growth it is very desirable for hay purposes. It is a hardy perennial, 2 to 2 1/2 feet high; flowering in June and July. Lb., 15c.; bu. (14 lbs.), $1.65; 100 lbs., $11.75. Pound by mail, 25c.

16. DROPSAIL (Tall Meadow Oat Grass) Mixtures—*Avena sativa*—For hay or a permanent pasture, a most valuable Grass, which can be successfully grown in all parts of the country. It will not winter-kill and will live and endure our cold Northern Minnesota Winters, and can be cast on mountain land, and in parts of the country where it is sometimes very hot and dry. It starts very early in spring, and is very a valuable pasture Grass on this account. It is seldom sown by itself, but mostly with other varieties. In our Clover Grass Mixtures, where it gives the best results. succeeds best in deep rich, sandy soils and even on clay and heavy dry soil it does well. It is a true perennial, growing 3 to 5 feet high, and flowering in May and June. Price, Superior Grade Lb., 15c.; bu. (14 lbs.), $1.05; 100 lbs., $11.75. Lb. by mail, postpaid, 25c.

IF I NEED of a Pasture or Meadow for immediate use do not fail to sow some of our Clover-Grass Mixtures. They will make quick returns, and yield an abundant crop of clover or grass, and the Grasses will neither suffer from drought nor winter kill, and will be permanent. Read what some of our customers say in regard to them and convince yourselves.

M. G. Barlau, Young America, Minn., writes us: "I wish to inform you that I had the best success with the Clover-Grass Mixtures bought of you last spring. I sowed the Grass Seed around a marsh without a nurse crop, and must say that never before did I see Grasses make such a growth. I have used the Grass Mixture. I cut 2/5 tons of the finest hay per acre. The first outlay for your Clover-Grass Mixtures may be a little higher than for Timothy and Clover, but the returns from your Clover-Grass Mixtures pays for the Grass Seed the first season. From the Grass Seeds that I bought of you a year ago last May and June, I have mixed with 2 tons of clover and have used it for pasture ever since. The cattle like the tender grasses first rate." O. Jespersen, Goodwin, S. Dak., writes us: "I bought some Clover-Grass Mixture from you last spring which I sowed with wheat. The season was very dry and before harvest the Grass Seed seems to have not made much of a growth, but as the grain was cut it grew vigorously and have used it for pasture ever since. The cattle like the tender grasses first rate." F. Giffey, of Lake Park, La., writes us: "The Clover-Grass Mixture from you I sowed last spring in the stubble. I had to have something for pasture right away, and I was very successful, for I have pastured it ever since. At present there is such a growth of Grasses and Clover that it is a delight to look at."
PLEASE NOTE.

M ost ALL Grasses described on this page are particularly adapted for low, wet, and overflowed ground.

18. 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 can grow on low wet grounds and is also often distributed, from New England southward to Tennessee, and extending across the continent to California and Washington. It is a native Grass also in Europe. It succeeds best on wet, still land, and often inundated fields, but it also does little affected by either drought or cold, and thrives well in the shade. It will grow on land which is too wet for Red Top, and we can heartily recommend it to sow on low, marshy ground or sloughs, where it will furnish a large amount of hay per acre. It succeeds on these low lands—will soon establish itself and drive out the wild or worthless varieties.

19. FOWL MEADOW—Poa pratensis—A native Grass found in the eastern half of the Northern States, and highly approved of for permanent pastures and meadows. It prefers moist fry, but succeeds in the most dry, and even on scorched ranges. In its quality it is equal to Red Top. It is a permanent Grass, and is especially adapted to moist lands, and succeeds well in wet meadows, or low places along streams liable to occasional overflow. It is a perennial, 18 to 24 inches high. Flowers in July and August.

20. MEADOW FOXTAIL—A fine Grass, which, as it grows coarse and rooty past, is one of the very first to start growth in the spring, and is of remarkable quick and strong aftergrowth, either when closely cropped or after mowing. It is especially adapted for sowing in low or wet places, in marshes or sloughs, and occasional overflows for several days do 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 overflows, when very large quantities of fine hay can be had from such otherwise worthless ground. It closely resembles Timothy, but the head is taller and softer. Besides it is more leafy in character and hardier, starts much earlier in spring, in a blossom and ripe in 3 to 4 weeks before Timothy, and springs up again quickly when prevented of growth.

Many are under the impression that this valuable Grass is the same thing as a wild species commonly known as “Footail” or “Squirtail” and are afraid of it. This would really mislead them, for it is not so similar to and has nothing to do with this wild Foxtail. I., 25c.; bu. (14 lbs.), $3.75; 100 lbs., $22.00. Postpaid by mail, 25c.

The seed is very light. One ounce contains 76,000 kernels.

21. FLOATING MEADOW GRASS—Oligotrichum Rivulare—A very valuable Grass for improving low and wet meadows, marshes or sloughs. It succeeds best on moist, leafy pastures, and is one of the very first to start growth, with very fine grass, with very fine grass, with very fine grass, with very fine grass. It will even grow in or under water. It is not so well adapted for sowing by itself or alone, but is best sown in a mixture and together with other varieties adapted for low ground. It is a true perennial Grass, growing about 4 to 5 feet high.

The seed is very light. One ounce contains 76,000 kernels.

22. WATER SPEAR GRASS—Oligotrichum Aquaticum—A variety which prefers low and wet soils, therefore of great value for land which is often overflowed or under water, and where other grasses don’t succeed, being drowned out. Although coarse and rooty past, it is one of the very first to start growth, with very fine grass, with very fine grass, with very fine grass, with very fine grass.

To secure the best result with Grass Seeds on low and marshy ground, a variety should be sown instead of just one single kind. To enable the right choice, the catalogs of the Seeds we have put up our Clover-Grass Mixtures. On page 9 under A, Nos. 3, 4, and 5, and under B, Nos. 10, 11, 12, are particulars of these Meadow on low and very wet soils. Give them a trial and be convinced.

23. 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 greatly eaten by cattle and sheep. Being also very hardy, it should be included in all mixtures for permanent meadows for moist and strong soils. It is also a good pasture grass in mid-winter. Not being affected by overflow and naturally 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. Postpaid by mail, 30c.

24. CREEPING BENT—Agrostis stolonifera—This variety is especially valuable as a pasture Grass, and is known as a “Perennial Bent.” It is a fine pasture Grass, and in Virginia it furnishes cattle good grazing in low places where the soil is moist and strong, this are often under water. It is a perennial, growing from 3 to 5 feet high. Postpaid by mail, 25c.

25. RHODE ISLAND BENT—Agrostis canina—For permanent pastures this is very valuable, but it is more desirable for lawns purposes. It will make beautiful, close, luxurious turf upon quite sterile soil. It is a very hardy perennial, 1 to 2 feet high. Flowers July and August.

26. ROUGH STALKED MEADOW GRASS—Poa trivialis—This is a very valuable and most excellent variety, either for permanent pastures or meadows. It succeeds best on meadows with deep, rich soil. Horsey and cattle show for marked partiality for it, and it ranks very high for its nutritive qualities. It is a very hardy perennial, 2 to 3 feet high. Flowers in July.

27. 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, and for other purposes. Dr. Phares says: “It has been introduced into Texas, and grows much larger than in the Eastern States or England; and it seems to be more valuable and of better growth than the local species. It grows to 2 to 4 feet high in the South.” It is very productive; a hardy perennial, 20 to 30 inches high, flowering in June. I., 15c.; bu. (14 lbs.), $2.50; and 12c. 100 lbs., $25.00.

28. WILD RICE—Zizania aquatica—The only one of our native plants furnishing food for wild fowls, ducks, geese, etc., which has been even more fruitful of commerce. This seed can be sown on the borders of lakes, ponds and along small streams to great advantage, attracting all of these wild birds from September on. It purifies the water and affords refuge for the small fry from the large fish. It makes a good hay, and at the South two crops can be cut and all cattle are fond of it. Sow it in the fall, having a mud bottom. I., 15c.; postpaid by mail, 25c.

29. RED TOP—This is also well and best adapted to sow on moist and wet soil, you find described on page 9. 

Farmer Seed Company, Faribault, Minnesota.
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 in moist, shady places, being remarkable for its quick, successive growth when closely cropped. For lawns overshadowed by trees it is particularly valuable, and it produces 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.*, 15c.; *bu.*, (14 lbs.), $4.20; 100 lbs., $28.00. *Pound postpaid, 45c.*

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 perfumes, and when included in hay its aroma is imparted to the other Grasses, enhancing the value of the hay, 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-Grasses Mixtures for Mow- downs. It is a perennial, one to one and one-half feet high, flowering in May and June. *Lb.*, 15c.; *bw.,* (14 lbs.), $1.85; 100 lbs., $12.00.

31. RESCUE GRASS—*Bromus unioloides*. Also known as *Bromus scharderi*. 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 "Scharder's Brome Grass," "Australian Oats," etc. It makes the best growth during the cooler months, but it resists heat and drought to a remarkable degree. Although it will thrive on any kind of land, it will do best on rich and somewhat damp soil, where it grows three feet high and more, with a large proportion of leaves, which are tender, sweet, and nutritious, and which are renewed very quickly after being eaten down. If sown by itself, about twenty to thirty pounds of seed per acre, are used. *Lb.*, 18c.; *bn.*, (14 lbs.), $2.35; 100 lbs., $16.00. *Pound postpaid by mail, 25c.*

32. YELLOW OAT GRASS—*Arrhenatherum elatius*. This variety is particularly well adapted for dry pastures or meadows. It is not so well adapted for sowing by itself or alone, but when sown in small quantity with other Grasses it succeeds well in high and dry soils. It is very early, and greedily eaten by cattle, and also makes nice hay, producing a very large after- mowing. It is a perennial, and will flourish in June. *Lb.*, 40c.; *bn.*, (14 lbs.), $5.50; 100 lbs., $36.00.

33. SOFT BROME GRASS—*Bromus mollis*. This variety is very extensively used for pasture and valuable Grass by many. It succeeds best on upland or dry and thin ground, and stands considerable drought. It is not yet used very largely in this country. *Lb.*, 15c.; *bu.*, (14 lbs.), $1.65; 100 lbs., $11.00. *Pound postpaid, 25c.*

34. JOHNSON GRASS—*Sorghum halepense*. For the Southern States this Grass is of particular value. It is a perennial, the roots penetrate the ground in every direction, and fees may send up at any time three to six feet high. All kinds of stock are fond of it. It is a source of great heat and severe drought, but should be sown alone, on well prepared ground, at the rate of twenty-five to forty-five pounds per acre. *Lb.*, 11c.; *bu. (of 25 lbs.), $2.50; 100 lbs., $19.50.

35. BERMUDA GRASS—*Cynodon dactylon*. For the Southern States, this Grass is the most valuable, and is adapted for pasture and hay, furnishing rich and 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 in evergreen sod and of great vitality it is unsurpassed, for which reason it is always in great demand for export, for which purpose seeds of the highest quality only can be had. It is the best and the cheapest fertilizer. Good Clover sod turned under gives the best and the biggest yield of Corn. *Lb.*, 3c.; *bn.*, (14 lbs.), $4.50; 100 lbs., $33.75. *Pound postpaid.*

CLOVER.

Clover is of inestimable value and can be successfully grown most everywhere. All kinds of Clover are peculiarly helpful, not only in sustaining the fertility of the soil, but in still further increasing the same, owing to the wonderful power it has of absorbing nitrogen from the air and storing the same in the soil. Clover is the foundation of pasture and is unquestionably the most useful plant that we can grow.

36. MINNESOTA GROWN MEDIUM RED CLOVER—*Trifolium pratense*. Every farmer is familiar with it, and a field of this knee-high mean's fast cut, soft, and is a wonderful forage plant. In order to keep the farm standing, a portion of the clover should be sown with all spring grain at the rate of 6 to 8 pounds per acre. If for no other purpose than mere pasture and to keep the weeds down, it will surely prove to be a double benefit, for if pasturage is scarce the cattle can be turned onto it; and if not required for pasture purposes, our land requires fertilizers of some kind, which barnyard manure alone cannot supply. In a great many farming sections but few cattle are kept on the farm, and in order to have the fertility of the soil, the fertility of the Clover must be maintained, and the Clover is the best and the cheapest fertilizer. Good Clover sod turned under gives the best and the biggest yield of Corn. *Lb.*, 4c.; *bn.*, (14 lbs.), $5.00; 100 lbs., $37.50. *Pound postpaid.*

37. MAMMOTH RED CLOVER—*Trifolium pratense*. As it is known in many parts of the country, and highly valued for its enormous yield and for reclaiming exhausted land. For hog pasture and as a hog fattener it has no equal, and is far superior to the common Red or June Clover. Where permanent hog pastures are wanted our Minnesota Grown Mammoth Red Clover has been used for 15 years, and it is very permanent, and does not freeze out as easily as the common Red Clover, and is, therefore, better adapted for fall growing than the other Clovers. It will make very large crops of hay, yielding from 3 to 4 tons per acre. As a fertilizer to grow under grain it has no equal. Our seed has been grown here and our customers can depend upon getting seed true to name when they send their orders. *Price of our Minnesota Grown Mammoth Clover: Lb., 15c.; peck, $1.40; bu., $7.25; 2 bu., $18.00; 100 lbs., $12.00. *Sacks, 16c. each. Pound, by mail, postpaid, 25c.*

38. COMMON CLOVER—*Trifolium pratense*. As a good many want cheaper seed, we offer another grade, which can be bought at a reduced price. *Price of our Minnesota Red Clover: Lb., 15c.; peck, $1.85; bu., $8.75; 2 bu., $16.75; 100 lbs., $112.50. Sacks, 16c. each. Pound by mail, postpaid, 25c.*

36a. COMMON CLOVER—As a good many want cheaper seed, we offer another grade, which can be bought at a reduced price. *Price of our Minnesota Red Clover: Lb., 15c.; peck, $1.85; bu., $8.75; 2 bu., $16.75; 100 lbs., $112.50. Sacks, 16c. each. Price of our Minnesota Grown Mammoth Clover: Lb., 15c.; peck, $1.40; bu., $7.25; 2 bu., $18.00; 100 lbs., $12.00. *Sacks, 16c. each. Pound by mail, postpaid, 25c.*

PLEASE NOTE.—Price of Clover and Timothy are subject to fluctuations of the market, and we reserve the right to fill orders as quoted above as long as the market permits us to do so. Should the market be higher or lower, then we reserve the right to write for firm and lowest prices before buying, which we quote by return mail. Then there is sure to be no misunderstanding.
38. **ALSYKE or SWEDISH CLOVER**—*Trifolium hybridum*—The advantages which the Alsyke Clover has over Red Clover and other varieties are its hardiness and true perennial character. It will adapt itself to soils usually growing on the edge of swamps or in a swamp and on low ground, and yet flourish on dry and stubborn stiff clays and upland soils. It is capable of resisting the extremes of drought and wet alike. It is well liked by all stock either green or dry hay. It is a deep rooted Clover. It makes finer and better hay, as the stalks are not so thick and woody as those of Red Clover. It is very sweet and fragrant, and liked by bees. Grows to 24 inches high, and the seed heads are round, flesh colored, and like those of Red Clover, and is known in the trade as Alsyke Clover. Both will grow on low ground and moist soil and mature and ripen together at about the same time. We furnish this Clover at a low price, different from the first cutting. When sown by itself or alone, 6 lbs. of seed are required per acre. This seed is very scarce this year, and the price is higher than for years. Although our crop has not been very abundant this year, we furnish the customers our order as early as possible. **Price of our Minnesota grown Alsyke Clover.** 1 lb., 20c.; peck, $2.00.; bu., $10.00.; 100 lbs., $16.55.; sacks, 16c. each. Pound by mail, postpaid 25c.

39. **COMMON ALSYKE CLOVER** and **TIMOTHY MIXTURE**—Those of our customers who are accustomed to sow Timothy and Clover together for hay or pasture will surely find it to their advantage; and since this is this grown together and has about the same rate, we offer this seed at a low price, when one considers what the clear Alsyke Clover is worth, and besides the results will be much better for either pasture or meadow, because Alsyke Clover, being a great lover; withage, we will furnish our customers to order as early as possible. **COMMON ALSYKE CLOVER**—equal to what dealers sell for Prime, Fair, Good or Choice. Peck, $2.00.; bu., $10.00.; 100 lbs., $16.55.; sacks, 16c. each. Pound by mail, postpaid 25c.

40. **ALFAFRA or LUCERNE**—*Medicago sativa*—There is no other Clover capable of withstanding so much dry weather and flourish and keep green during long protracted droughts as the Alfafra. The roots grow very deep in suitable soils, from 6 to 15 feet, and more in sandy, mellow soil. It is extensively grown already in parts of the country very well adapted, and known as a rapid grower. Alfafra has been grown throughout every part of the United States. Here in Minnesota it has been grown for years and seed has been produced from it. It also does well in Montana. It is best adapted to sandy and loamy soils with a mellow, deep or porous subsoil. The nature of the soil is the best, and unless it is not too dry or too wet, as the roots cannot penetrate hard or stiff clay. The ground should be naturally drained, as it will not flourish when the subsoil water holds water for a prolonged period at any season of the year. When sown early and capable of being used as soon as it will grow, it will flourish and do more cuttings during the year. When used for pasture it should not be so very closely grazed and cut when it would be by every farmer, as in that case crops would not be as high, and the ground is not at all suitable. Gowing to its ability to grow in dry weather and withstand long and protracted droughts, it will be found very valuable. Alfafra is also easily cultivated, much the same as Red Clover. It is sown in the spring, either by itself or with grain, at the rate of 10 to 12 pounds per acre. It will make a fair growth of the first and many of the customers have cut it for hay in the first year, after seeding in the spring with other plants. The yield of seed varies from 1 to 2 and 2 or 4 times during the season, and every year thereafter for 15 to 25 years.

**Price of our Minnesota grown Alfafra or Lucerne.** 1 lb., 20c.; peck, $2.00.; bu., $10.00.; 100 lbs., $16.55.; grains sacks, 16c. each. Pound by mail, postpaid 25c.

41. **WHITE CLOVER**—*Trifolium repens*—Of particular value in mixtures for permanent pastures. Alfafra and Lucerne will grow in almost any kind of soil, except wet or very moist ground. Being very hardy and of creeping habit, it also will prevent the ground from being washed by heavy rains. The seed is very fine, and if sown by itself about 5 pounds are sufficient to cover one acre, but if mixed with other plants it takes much more. It is a very fine sowing seed, especially Blue Grass, to obtain permanent pastures. Minnesota Grown: 1 lb., 20c.; peck, $2.70.; bu., $10.00.; 100 lbs., $19.05.; sacks, 16c. each. Pound by mail, postpaid 25c.

42. **COMMON WHITE CLOVER**—Equal to the grades sold as Prime, Wisconsin-Grown, etc., and is our Choice. 1 lb., 10c., postpaid.

43. **KIDNEY VETCH**—*Anthyllis vulneraria*—A variety of Clover but little known in this country. The seed is about the same shape and size as Red Clover, but the kernels are green and the leaf is narrow and reddish. Kidney Vetch is a hardy plant and is capable of withstanding severe droughts as well as hay. It is not affected by severe drought, and several years ago, when grown by the advantage to sow it with Alsyke Clover, and it is now known by the English as the Stathams’ Clover. Kidney Vetch has a long, slow, and very little growth and will grow in sandy and light soils where the soil is at all suitable. It can be sown in July or August, like Crimson Clover, when it will give a large yield early next spring or can be plowed under. It is ahead of Crimson Clover, as it will not winter-kill so well. It can be sown as late as October and will make a very good crop. We have prepared a special Clover-Grass Mixture for this purpose. For further satisfaction for the past and present years, we have had six loads of alfalfa Clover from three-fourths to one acre, which is of able crop to grow. About 10 to 15 pounds of seed are required for one acre. 1 lb., 25c.; 15 lbs., $3.50. **Price of our Minnesota grown Crimson Clover.** 1 lb., 10c.; 15 lbs., $3.00. **Price of our Minnesota grown Crimson Clover.** 1 lb., 10c.; 15 lbs., $3.00.

**Alfyfra or Lucerne.**

early spring and make up for any failures. The result is that the mixture present on page 19 is the reason that the pastures Crimson Clover is invaluable, where quick results are wanted, and we refer here to our Clover-

Crimson Clover will grow on almost any soil. From 10 to 12 pounds of seed are sown per acre. Its average height is about 2 feet; it is heavy, covering the ground completely with a heavy and thick growth has not been very abundant this year. In the report I have given the average height is about 2 weeks from the time of sowing to the time of mowing it can in a short time be pastured until late in the fall. 1 lb., 10c. Pound by mail, 25c. Peck, $1.25.; bu., $6.31. Sacks, 16c.

During the past two years ago I bought a small quantity of Alsyke Clover from you, with which I sowed part of my orchard, covering about three-fourths of an acre. Being acquainted with the growing of Clover, I intended to give them extra care, but this, which I must say they have lived up to. We are continuously having good and fresh, every kernel of seed grown and good and alsyke Clover, I love to cut it once by the second year. Last year, however, I cut it again and the hay ground was cut and loaded with hay. I have never had salted hay more than two-thirds of an acre. If I had cut the third crop for hay, I would have had six loads of Alsyke Clover from three-fourths acres, which is of able crop to grow. About 10 to 15 pounds of seed are required for one acre. 1 lb., 25c.; 15 lbs., $3.50. **Price of our Minnesota grown Crimson Clover.** 1 lb., 10c.; 15 lbs., $3.00. **Price of our Minnesota grown Crimson Clover.** 1 lb., 10c.; 15 lbs., $3.00.

**Crimson Clover.**

**Peter Beecker.**
46. **SAINFON or ESPARTECROT CLOVER—** (Oxalis badxia)—Another very excellent, but unfortunately little known, fodder plant for light, dry, sandy, gravelly limestone, or calcareous prairie soils, is the very tender, short rooted, and Lucerne, Esparcroo is very sleep-rooted, going down 15 to 20 feet in the ground. So much so, where many other Grasses will not. It is a very easy, short rooted, and mostly used where it is very nutritious, and when fed to milch cows, improves the quality of the milk. The varieties are large, and are best sown broadcast in spring, under a light, or 6 to 8 inches of earth.
A.—Clover-Grass Mixtures for Permanent Meadows.

<table>
<thead>
<tr>
<th>No.</th>
<th>For dry and high ground, light or medium soils.</th>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Red Fescue.</td>
<td>20 lbs. @ 11c. $ .20</td>
</tr>
<tr>
<td></td>
<td>Crested Dogstail.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hard Fescue.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>English Rye Grass.</td>
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</tr>
<tr>
<td></td>
<td>Meadow Fescue.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Timber.</td>
<td>50 lbs. @ $ .50</td>
</tr>
<tr>
<td></td>
<td>Sweet Vernal.</td>
<td>100 lbs. @ $1.00</td>
</tr>
<tr>
<td></td>
<td>Red Clover.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lucerne.</td>
<td></td>
</tr>
</tbody>
</table>

No. 2. For dry and high ground, heavy or strong soil.

<table>
<thead>
<tr>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Meadow oat. Hard Fescue.</td>
</tr>
<tr>
<td>English Rye Grass.</td>
</tr>
<tr>
<td>Meadow Fescue.</td>
</tr>
<tr>
<td>Bromus Inermis. Red Top Grass.</td>
</tr>
<tr>
<td>Sweet Vernal.</td>
</tr>
<tr>
<td>Red Clover.</td>
</tr>
<tr>
<td>Alyse B. Cow.</td>
</tr>
</tbody>
</table>

No. 3. For moist ground and rich soils.

<table>
<thead>
<tr>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meadow Foxtail.</td>
</tr>
<tr>
<td>Meadow Fescue.</td>
</tr>
<tr>
<td>Italian Rye Grass.</td>
</tr>
<tr>
<td>Sweet Vernal.</td>
</tr>
<tr>
<td>Alyse Clover.</td>
</tr>
</tbody>
</table>

No. 4. For moist ground, which is overflowed occasionally.

<table>
<thead>
<tr>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Meadow oat. Hard Fescue.</td>
</tr>
<tr>
<td>Red Top Grass.</td>
</tr>
<tr>
<td>Meadow Foxtail.</td>
</tr>
<tr>
<td>Timothy.</td>
</tr>
<tr>
<td>Alyse B. Cow.</td>
</tr>
</tbody>
</table>

B.—Clover-Grass Mixtures for Permanent Pastures.

<table>
<thead>
<tr>
<th>No. 1. For high and dry ground, light soils.</th>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Fescue.</td>
<td></td>
</tr>
<tr>
<td>Red Fescue.</td>
<td></td>
</tr>
<tr>
<td>Red Top Grass.</td>
<td>22 lbs. @ 11c. $ .42</td>
</tr>
<tr>
<td>Meadow Fescue.</td>
<td></td>
</tr>
<tr>
<td>English Rye Grass.</td>
<td></td>
</tr>
<tr>
<td>Meadow Tall Meadow oat.</td>
<td></td>
</tr>
<tr>
<td>Blue Grass.</td>
<td></td>
</tr>
<tr>
<td>Bromus Inermis.</td>
<td></td>
</tr>
<tr>
<td>Timothy.</td>
<td>50 lbs. @ $ .50</td>
</tr>
<tr>
<td>Alyse B. Cow.</td>
<td>100 lbs. @ $1.00</td>
</tr>
<tr>
<td>Red Clover.</td>
<td></td>
</tr>
<tr>
<td>White Clover.</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meadow Fescue.</td>
</tr>
<tr>
<td>Orchard Grass.</td>
</tr>
<tr>
<td>English Rye Grass.</td>
</tr>
<tr>
<td>Tall Meadow oat. Blue Grass.</td>
</tr>
<tr>
<td>Bromus Inermis. Timothy.</td>
</tr>
<tr>
<td>Alyse B. Cow.</td>
</tr>
<tr>
<td>Red Clover.</td>
</tr>
<tr>
<td>White Clover.</td>
</tr>
</tbody>
</table>

No. 3. New mixture, especially adapted for pasture and hay production.

<table>
<thead>
<tr>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Spear Grass. Floating Meadow Fescue.</td>
</tr>
<tr>
<td>Red Top Grass.</td>
</tr>
<tr>
<td>Tall Fescue.</td>
</tr>
<tr>
<td>Meadow Foxtail.</td>
</tr>
</tbody>
</table>

The first expense for our Clover-Grass Mixtures may be a little larger per acre than for Timothy and Clover, but it must be considered that the returns from them will last many years more than ten times the first year. So we do not recommend any reason to sow Timothy and Clover, they are superior to those we offer. Any farmer who wants good pasture and will furnish good pasturage until late in the fall, for a good many years, and in all parts of the country this is the No. 2. Our Clover-Grass Mixtures, have given the best results with our breeders, and we consider it an earnestly recommend it, and it should be more largely sown.

C.—Clover-Grass Mixtures for Particular Purposes.

| No. 1. 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, and in sections of the country where Timothy or Clover are unsatisfactory, or where the clover is not adapted to the conditions of soil and climate, it is easy to obtain a stand of Grass anywhere, and we would advise those who have failed in the past to sow the following Clover-Grass Mixtures, and this will be certain that the results will be satisfactory.

<table>
<thead>
<tr>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meadow Fescue.</td>
</tr>
<tr>
<td>Blue Grass.</td>
</tr>
<tr>
<td>Fowl Meadow.</td>
</tr>
<tr>
<td>Floating Meadow Fescue.</td>
</tr>
<tr>
<td>Red Top Grass.</td>
</tr>
<tr>
<td>Alyse B. Cow.</td>
</tr>
</tbody>
</table>

No. 2. Specially selected for wood pastures; also adapted for orchards and shady places.

<table>
<thead>
<tr>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meadow Fescue.</td>
</tr>
<tr>
<td>Blue Grass.</td>
</tr>
<tr>
<td>Sheep’s Fescue.</td>
</tr>
<tr>
<td>Red Top Grass.</td>
</tr>
<tr>
<td>Alyse B. Cow.</td>
</tr>
</tbody>
</table>

No. 3. Specially selected for sheep pasture on light, sandy soils or dry uplands and hillside.

<table>
<thead>
<tr>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Fescue.</td>
</tr>
<tr>
<td>Crested Dogstail.</td>
</tr>
<tr>
<td>White Clover.</td>
</tr>
</tbody>
</table>

With a $15.00 and $20.00 order for Clover-Grass Mixtures we give a handsome present. Please see our Special Offer on page 11,
C.—Clover-Grass Mixtures for Particular Purposes.—Continued.

No. 7. For light, sandy and gravelly soils.

<table>
<thead>
<tr>
<th>Grass</th>
<th>Sow per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rescue Grass</td>
<td>20 lbs. 6 Hc.</td>
</tr>
<tr>
<td>Hart's Sheep's Puccese</td>
<td>50 lbs.</td>
</tr>
<tr>
<td>Meadow Bromegrass</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Soft Red Top Grass</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>White Clover</td>
<td>100 lbs.</td>
</tr>
</tbody>
</table>

No. 8. This is our Special Alfalfa, or Lucerne Clover-Grass Mixture, and consists mainly of Alfafa, Bromus Inermis and such varieties of grass as will stand drought and flourish on poor soils and give larger yields in the drier seasons than the clovers alone. The quantity required per acre is 15 pounds. 

PLEASE NOTICE—These Clover-Grass Mixtures can be ordered by the number, from either A, B or C, and in ordering, only the numbers should be given, but also the letter at the heading of the desired Clover-Grass Mixture.

When larger quantities are wanted than are quoted here, please write for special prices.

In the selection and making up of these Clover-Grass Mixtures, the greatest care is exercised, and only such varieties are used as are adapted to the soil and suited for the purpose sought to be attained. Others will imitate them, but not being farmers, or familiar with the Grasses, and without experience, it is well to be careful where you place your order. It is not good policy to trust braggarts or men that will buy up poor seed all over the world as long as it is cheap, and then call upon the customer to enforce measures taken to protect the Farmers.

Our Clover-Grass Mixtures are a success. Read what our customers have used them say about it. In a few letters we have printed you will find convincing proofs of the superiority of our seeds.

Our Specially Selected Clover-Grass Mixtures for Hog Pastures.

It is a well known fact that hogs can be raised more profitably on Grass or Clover than on Corn only, and many farmers have raised very dearly for this bit of experience, when hog cholera and similar diseases are lacking to a large extent, and the hogs make the best of it. This is especially true of the Corn States, where the product from the grass is much better. It is just as easy and certainly more convenient to provide Clover and Grasses as Corn, as the pigs do the work themselves and will make an average gain of a pound a day on a good Clover-Grass pasture, besides keeping healthy and strong, and a full crop of clover and pasture can be had the first summer from the properly selected mixture. We have given special attention to the selection of the varieties and to the making up for the Clover-Grass Mixtures for Hog Pastures, and have arranged them so as to get quick results and a full crop the first year, as well as to obtain permanent hog pasture, and have the use of these the first year.

A. HOG PASTURE CLOVER-GRASS MIXTURE FOR QUICK RESULTS AND A FULL CROP THE FIRST YEAR—When sown early in spring, the heavy and luxuriant growth of the Grasses and Clovers will furnish rich and succulent food through the summer. Crimson Clover, used in the right proportion with other Grasses and Clovers, we have by careful experiment found best adapted, and this "A" Hog Pasture Clover-Grass Mixture will bring the best results. Sow 12 lbs. per acre. Lb. 11c.; 12 lbs. (for one acre), $1.30; 50 lbs., $5.25; 100 lbs., $10.00.

Please write for special prices when large quantities are wanted.

The prices quoted by the descriptions of the Grasses and Clovers from pages 1 to 9 for pounds, pecks, bushels or 100 pounds do not include freight or express charges. We have, however, by nearly all varieties quoted the single pound price postpaid by mail, and we send the seed in one or more pound lots prepaid by mail at the pound price so quoted.

We furnish grain bags for Clover and Timothy at 16c. each, extra. For other Grass Seeds such as Red Top, Orchard Grass, etc., please add 10c. for each 100 lbs. or less, for sacks, and if grass sacks are preferred, please add 16c. for each sack required.

When ordering bushel lots of the bushel prices, except where the prices for half bushels are quoted.

Clovers are sold at prices per 100 lb. bushel.

When Grass Seeds are ordered in bushel lots we send 14 lbs. to the bushel, and the prices quoted in the foregoing pages are based on 14 lbs. to the bushel, except on a very few kinds where it is a led different. Clovers weigh 60 lbs. and Timothy 45 lbs. per bushel.

B. CLOVER-GRASS MIXTURE FOR A PERMANENT HOG PASTURE, as well as the full use of if the first year. The following varieties we have found giving the most satisfactory results for this, and can be sown on good rich low ground, or on ordinary Corn land: Crimson Clover, Mammoth Clover, Aleyke Clover, White Clover, Italian Rye Grass, English Rye Grass, Orchard Grass, Creeping Bent Grass, and Timothy. Sow 15 lbs. per acre. Lb. 11c.; 15 lbs. (for one acre), $1.60; 50 lbs., $5.25; 100 lbs., $10.00.

When used for sowing in fields where there is some Grass or Clover already, the quantity to be sown per acre must be according to the stand of Grass or Clover usually five to ten pounds per acre are required.

Our specially selected Clover-Grass Mixture for Hog Pastures:

We furnish grain bags for Clover and Timothy at 16c. each, extra. For other Grass Seeds such as Red Top, Orchard Grass, etc., please add 10c. for each 100 lbs. or less, for sacks, and if grass sacks are preferred, please add 16c. for each sack required.

If ordered in bushel lots of one-half of the bushel prices, except where the prices for half bushels are quoted.

We furnish grain bags for Clover and Timothy at 16c. each, extra. For other Grass Seeds such as Red Top, Orchard Grass, etc., please add 10c. for each 100 lbs. or less, for sacks, and if grass sacks are preferred, please add 16c. for each sack required.

When Grass Seeds are ordered in bushel lots we send 14 lbs. to the bushel, and the prices quoted in the foregoing pages are based on 14 lbs. to the bushel, except on a very few kinds where it is a led different. Clovers weigh 60 lbs. and Timothy 45 lbs. per bushel.

CLOVER-GRASS MIXTURE IN YOUR ROTATION OF CROPS, AS YOU WOULD TIMOTHY AND CLOVER.

When you sow our Clover-Grass Mixtures, you do not sow them necessarily for permanent, but can break up your pasture or meadow by the time you will get much benefit from them than from Clover and Timothy alone, because some quick growing grasses being added to nearly mixture, you will obtain a pasture or meadow much quicker than with Timothy and Clover. Our Clover-Grass Mixtures will make a quick growth and form a close sod in a very short time. Please read what our customers say in regard to them, on pages 12 and 13.
LAWN GRASS MIXTURES.

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.

Drainage is one of the first essentials of a good lawn. At all times during the year, as the seed is very hardy, the best time is, however, early in spring, on soil prepared the previous fall.

If the ground intended to be sown for a lawn has to be graded, secure as good ground as you possibly can get, avoiding such as has earthy clods.

Do not try to improve a lawn that is as sold as a road by simply scattering Lawn Grass Seed over it, as this is unnatural: you should prepare a seed bed by making the ground loose and fine by digging or hoeing the ground up, and after it is well tilled, by means of harrowing or rolling, it is ready to receive the seed, which should be sown on the 4th day, as the seeds are mostly light and very apt to be carried off by winds.

In the selection of our Grasses for our Lawn Grass Mixture we use the greatest care, and as we are the only seed house making the grass question a specialty, handling large quantities of fancy Grasses, we are in a position and able to prepare the finest Lawn Grasses, which insure the best results to those who have not tried them yet and to those that wish to order more we offer the following liberal premiums.

Most of our old customers and friends are acquainted with the high merits of our Clover Grass Mixtures for permanent pastures and meadows already, and as we make the following suggestions: If your order should amount to only $10.00, then send 75 cents, or one-half the value of the mantel clock and seeds extra; if $15.00 worth is ordered, then add 38 cents extra, or 7½ cents for every dollar short on $20.00 worth of seed.

Besides the premiums offered above we give agricultural books of your selection from our book list under the same conditions as to seeds as stated before, as follows:

We offer for $15.00, a book or books from our list to the value of $1.00, and a $10.00 order for the same seeds is entitled to a book or books worth from 50 to 75 cents. Seeds to be ordered at catalogue prices from pages 10, 11 and 12. Please note that this offer does not apply to Timothy and Clover Seeds or Seeds described on pages 4-8.

Topka, Kan., Dec. 3, 1911—With the Lawn Grass Mixture 1 bought of you last spring, I had the best success. The ground was well prepared like garden land, before I sowed the seed. The seed came up in a very short time and formed a firm and even mat of grasses in a very short time. The grasses are of such very 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 when your Lawn Grass Mixtures they would not think of laying sods, which, although so expensive, is so uncertain.

H. C. BIRCH.

PARK MIXTURE—This will make a very even and close turf in a few weeks’ time. It roots deeply, withstands severe droughts without turning brown, and will not stool or grow in clumps. This mixture is unequalled for parks, tennis or croquet grounds. Pound postpaid by mail, 25c.; 4 lbs., $1.10. By express or freight, not prepaid: Lb., 25c.; bu. (14 lbs.), $2.10; 50 lbs., $8.00; 100 lbs., $15.00.

SPECIAL MIXTURES—We are at all times glad to make up Special Mixtures of Lawn Grass to meet the requirements of existing conditions. Where combinations of Grasses for terraces, shady places, exposed situations, etc., are wanted we have been very successful.

OUR SPECIAL OFFER.
CHEAP GRASS AND CLOVER GRASS MIXTURES.

A seed firm not very far from us has, for several years, copied our methods and offered our carefully selected Clover-Grass Mixtures as "cheap" Mixtures for their own purposes and at prices lower than ours. They have little about the varieties they recommend or use. To illustrate this, we mention here that they recommend and use White Clover for meadows, for meadow wet soil, while every farmer knows for what ground White Clover is best adapted and that it will hardly grow well enough for hay. Their Clover-Grass Mixtures for which they copied our descriptions, etc., from our catalogue almost word for word, likely were made up of the poorest quality of seed, as some seedsmen have actually used poor clover, wet grass, and indifferent clover grass seed, mostly in Europe, and Congressman S. A. Cook, from the 6th District of Wisconsin, introduced a bill in Congress prohibiting the further buying up of such worthless stuff in Europe and bringing it to this country. As soon as this became known, nearly all the importation of Clover-Grass Mixtures stopped. Clover-Grass Mixtures and offering them as "cheap" Grass Mixtures, issued a call to Seedsmen in the trade papers to help kill this bill and the result was a resolution in Congress which was intended to regulate the importing of Grass Seed and prohibit bringing the screenings, offal and dirty stuff into the United States. This was the best answer this. The honest Seedsmen would only be glad to see such a bill passed.

We were ourselves always compelled by our Government to regulate the importation and the selling of seed, similar to the methods which have been in use in Germany for many years with the best possible results, and hope that we may yet see it before long, and are sure that every honest seedsmen is in favor of it. Those who wish to follow the old methods of Congress, so that they could continue their highly profitable but dishonest business, should be brought to justice.

Are Our Clover-Grass Mixtures a Success?

This question is naturally asked by the large number of farmers that have never sown our Clover-Grass Mixtures or even never heard of them before. We cannot answer this question in a better way than to give the experience of our old customers who have sown our Clover-Grass Mixtures and tried them thoroughly. These are the best answer to the question as to whether our Clover-Grass Mixtures adapted to the many and varied conditions of our soil are such that our seeds can profit by the experience of our old customers. Every farmer or dairyman interested in more Grass or better permanent pastures and dairies, will find this seed profitable for his purposes. It is not only good for our customers to sow from to 10 to 50 acres or more at one time, but does not permit us to print the letters of recommendation and the testimonials which Goodrich wrote us during that time in regard to the results obtained from Clover-Grass Mixtures. See page 19. In the late fall of 1897 Mr. Goodrich wrote us that he had "...bought several 7 acres of our Clover-Grass Mixtures in the spring of 1894, and the results are most satisfactory. The Mixtures have secured very good results, and when last heard from it was still doing them credit. My meadow is now 8 years old and is just as good as ever. The yield on 12 acres this year was the highest value at we have ever had on 12 acres. Clover-Grass Mixtures do not exhaust the soil, does not heave out which we feared for 2 or 3 years after stands dried, and the quality of our hay is the same as ever. We have a mixture of clover and grass, for the first year. We have a mixture of clover and grass, for the first year. We have a mixture of clover and grass, for the first year. We have a mixture of clover and grass, for the first year. We have a mixture of clover and grass, for the first year."

Mr. C. F. Egeler, Leland, Mich., sowed 10 acres of our C. No. 1 Clover-Grass Mixtures in the spring of 1894, and the results are most satisfactory. The Mixtures have secured very good results, and when last heard from it was still doing them credit. My meadow is now 8 years old and is just as good as ever. The yield on 12 acres this year was the highest value at we have ever had on 12 acres. Clover-Grass Mixtures do not exhaust the soil, does not heave out which we feared for 2 or 3 years after stands dried, and the quality of our hay is the same as ever. We have a mixture of clover and grass, for the first year. We have a mixture of clover and grass, for the first year. We have a mixture of clover and grass, for the first year. We have a mixture of clover and grass, for the first year. We have a mixture of clover and grass, for the first year."

Mr. W. E. Ahlers, Hannibal, Mo., sowed our Clover-Grass Mixtures in 1894, and notwithstanding the unfavorable season, has had very good results, cutting two large crops of hay from it in 1895.

Mr. R. S. Cunningham, Hogue, Pa., sowed some 6 or 7 acres of our C. No. 3 Clover-Grass Mixtures in the spring of 1894, and report that they have secured excellent results. After having made the meadow in the fall, we have sown the winter in the fall, and will try a large acreage of the Clover-Grass Mixtures in 1895 and 1894, and wrote us since that everybody else there had no hay on account of the dry season, while we had a good and large acres of hay from the first field and some from the second crop. We have 40 acres under it.

Mr. A. Polle, White Creek, Wis., sowed our Clover-Grass Mixtures first in 1892, and it has done very well every year since. When Clover winter-killed our Clover-Grass Mixtures came through all right.

Mr. M. W. Van Amber, Castorland, N. Y., has bought various kinds of Grass and Clover Seed from us for several years and has satisfactory results from each shipment. He writes us under date of Jan. 19th, 1897: "The Clover-Grass Mixture I got of you 3 years ago, for low, bosky ground and satisfactory results. We had 30 acres that were sowed was a muddle; I could not get grass to grow on it. I got up and made two very nice lots of Clover and grass in August up to that, it was the best I could and waited to see if it could or not. But to my surprise it did grow. I let my dairy cows run on it, and the pasture has been the best we ever had from the old fields. I have an old pasture field enclosed and the stock fed on it in preference to upland. I am thoroughly satisfied with Clover-Grass Mixtures. Sowed them this year 30 acres, and as proof of same I this day send you a draft for $45 for more seed as the order of this date.

Mr. E. R. Walker, Middleport, Iowa, writes us under date of Jan. 25th, 1897: At what price will you furnish me 100 pounds of your Clover-Grass Mixtures A No. 4 for moist which overflows seed of 1896. I have sowed with this same Clover-Grass Mixtures in 1896, and 33 acres of Clover-Grass Mixtures of yours can't be beat. I had 65 head of cattle on the 60 acres all season of 1896 and they came out same as last year."

Could these results during these years have been obtained prepared Clover-Grass Mixtures not superior where performance from us, our customers as such as have been obtained with our Clover-Grass Mixtures? Then why will you trust braggarts and men dishonest enough everywhere and then fight bills introduced to stop their injury to you and to all who follow honest business.
Anthon, Iowa, Nov. 28, 1899.

For the last five years I have been getting Seeds of yours every year. I have long been well pleased with them. Of the Wheat, Oats and Corn I got of you four years ago I could never raise enough to sell to my neighbors. Of the Wheat, I found it quite hard to sow with grain, and always got better results sowing with grain, especially with barley. Last year I raised a nice crop of Winter Barley and got a good yield from a Clover-Grass Mixture of which I sowed with rye and it made the best stand I have ever seen. The past season I raised another good crop of Winter Barley and got a good yield from a Clover-Grass Mixture which proved to be the best investment ever. I have been growing Clover-Grass every year since which is unseparated in quality. I like the hay much better than Timothy and Clover. I can plant it finely and thin it with wheat. I appreciate every ounce of your seeds. Yours truly,

ROS. KVIDER.

Doylston, Ws., Nov. 21th, 1899.

The Seeds I received from your firm last spring were first class in every respect and I am very well pleased with them. I have sowed the Wheat, Barley and Oats and I have got a good and very satisfactory crop. I have been growing Clover-Grass every year since, which I found to suit my needs; and my cattle has the best fall pasturage they ever had, and, furthermore, I say that I milked the same number of cows last fall that I am milking now, and I am getting forty per cent more milk this fall, and I feel sure to say that it is your firm that has benefited me this forty per cent with your well selected Clover-Grass Mixture. I am also well pleased with the Barley and Corn that I received from you. I shall send you my orders again next spring. I have been a customer of yours for over ten years. Truly yours,

LOUIS LEISTIKOW.

Pickens, W. Va., Dec. 21, 1899.

The season was very dry but there was favorable growth of your Cress Seeds in this part of the state. Most of the Seeds I did not sow until fall rains set in and I secured as good a stand as could have been expected. I am sure glad I sowed a seed sprouted and grew. Please send me prices on best grades of English Blue Grass and Kentucky Blue Grass. Yours truly,

JOHN ROTHENBUHLER.

Niagara, N. D., Dec. 20, 1899.

The Grass Seed I got from you for Clover-Grass Mixture, I consider it exceedingly well and have withstand the severe drought of the summer and fall above all my expectations. We had hardly any fall and in the drought, when finally we had a light shower of rain which relieved the dry-up plants quite wonderfully. I sowed the second crop of wheat, 2½ per cent, as fine as you told me to sow it in together. It all came up nicely. The Seeds were bright and clean and of the best quality. May your firm do well in your trade. Truly yours,

P. STRAUSSBURG.

Powhatan Point, O., Nov. 2, 1899.

Last spring I sent you to get a Clover-Grass Mixture, which I sowed last spring, and I found that I was not satisfied with it. Some of the Clover-Grass Mixture I sowed with Oats, and as it soon became very dry I could not see any growth of Clover, when I cut the Oat, but having favorable fall weather with moisture enough the Grasses now form a very close mat of nice and healthy looking plants. The Beardless Barley did excellently, and I was well pleased with it. Of the two bushes sown I threshed twenty-five bushels. The Corn you sent me grew fourteen feet high with large and fine ears, and although I planted it late, matured well. Have saved it all for seed corn. Please send your Catalogue as soon as possible, and I will order in time.

ERNST Krause.

Engle Grove, Iowa, Dec. 1, 1899.

From your Clover-Grass Mixture which I sowed last spring I have good crop of hay, and I am well pleased with your Seeds. Yours truly,

W. Moser.


The Seeds I bought of you last spring all came up well. It was not my fault of the sprouts so I did not get much. The Clover Grass Mixture No. 1 until late. I had a piece of Winter Wheat with which I sowed it and soon after harvesting my wheat it was done. I did not get much of it. Of the second part I used as pasture for my cattle. Some of the Clover-Grass Mixture I seeded with Oats, and as it soon became very dry I could not see any growth of Clover, when I cut the Oats, but having favorable fall weather with moisture enough the Grasses now form a very close mat of nice and healthy looking plants. The Beardless Barley did excellently, and I was well pleased with it. Of the two bushes sown I threshed twenty-five bushels. The Corn you sent me grew fourteen feet high with large and fine ears, and although I planted it late, matured well. Have saved it all for seed corn. Please send your Catalogue as soon as possible, and I will order in time.

ERNST Krause.

Erin, Tenn., Nov. 21, 1899.

The Bromus-Inermis I bought from you seems to come up all right and I am well pleased with it. I had some on a steep hillside; the soil is limestone clay without any humus. I desired to grow something to make a sod and keep it from washing, and the land is as the ground was too poor to sprout anything, but Bromus Inermis came up all the same. Heavy rains washed some of it out, but what was left kept on growing vigorously until a drought set in and the hot sun apparently killed it; however, since the rain returned it comes to itself and the whole hillside is green. I am satisfied with the sod and the corn. I will have another land to plant this spring. Tall Meadow Oat has done splendid, apparently every seed came up, the only thing I had to do was to hold the calves on it who kept it down. With Mammot Clover I did not have such success; unfavorable circumstances prevented many plants, but I am well pleased with the yield of your Seeds, and wish to say that your seeds are superior to any that I have sown before. Will send you orders in spring, when I shall expect to know what I am getting. Yours truly,

G. H. Miller.

Middle Valley, Idaho, Nov. 21, 1899.

Last spring I sowed a mixture of Italian Rye Grass, Timothy, Oats and Alfalfa which has yielded me fourteen acres, and secured a splendid catch. I irrigated it once and at that time the most pasturage was secured. I found it nice and green and seems to be still growing. I also got one bushel of Bromus Inermis, which grew well and I used for the rest of the field. I have given it a trial. The Mandschueri Barley I got of you I like pretty well; it is a large yielder. From the thirteenth November to the first of March I planted it in May and never touched them afterwards except to irrigate once. I have some fine hays and pasturage. I wish to say that the Garden Seeds have also done well, I will send you my order as soon as I get your Catalogue. Truly yours.

J. T. S. MACKAY.

Giddens, Ws., Nov. 21, 1900.

Last spring I bought some Clover-Grass Mixture from you. I sowed it with wheat; wheat season was very dry, although the spring was very dry the same came up good and quick. That which I sowed on the winter rye did considerably better this year, because it had a chance to get up and give the Grasses more chance to grow, and it grew quite rank, so that I could pasture it. Of all others seeds I have, I have no desire to grow any more of your seeds than your Clover-Grass mixture. Always your firm. Truly yours,

ANDREW SCHRAMM.

Shelby, Ws., Nov. 20, 1900.

I wish to inform you that I had good success with the Seeds I bought from you last spring, and that I am well satisfied. I sowed both, Clover and Clover-Grass Mixtures, with which I am well pleased. I have had a rapid growth, so that I was able to get a good crop of fine hay. Such good results I have never experienced with any Grass Seeds. Truly yours,

J. S. CHAS. BUNDRO.

Wausau, Ws., Dec. 10, 1900.

I wish to inform you that the Seeds I purchased of you last year have done some splendid work. I sowed a Clover-Grass Mixture, which I will say was a splendid crop. The Grass seed came up fine and made a good growth and was about eight inches high when I cut the grain. I have another fine pasture this year, which I have put a nurse crop to try it, and this has done splendidly, for I cut a fine crop of hay from it and I have a very good growth. The first of May. I shall sow 4 or 5 acres next spring without a nurse crop, for if the grain goes down it is bound to smother the Grass out, and in spots the field will be without any seeding. I have no trouble about getting a catch since I have used your Seeds. I have found them always good and clean and of good growth; and I am desiring Seeds of yours for the future. I have no mistake, and order from you.

I. W. JOE.

Bremen, Ill., Nov. 23, 1900.

I am well satisfied with all Seeds of yours that I have purchased last spring. I sowed the Clover-Grass Mixture on ground that had winter wheat on it, the ground was very hard and solid and I have not and will not do any seeding this fall. I sowed the Clover-Grass Mixture, which I was told would do fine, and I sowed it with grass, and I was satisfied with it. I sowed it as good a stand as one could desire. I am very well pleased with your Seeds. Yours truly,

M. M. WOSSER.


From your Clover-Grass Mixture which I sowed last spring I have a good crop of hay, and my pasturage is very fine, and I am well pleased with your Seeds. Yours truly,

J. T. W. MOSER.


In spite of the severe dry summer weather we have had, I have a very nice growth of your Seeds with your Seed, and I am well satisfied in every respect. Your Clover-Grass Mixture is sowing in an old meadow to cover bare places. I tore the ground up first by means of a harrowing and then sowed the seed. I found my trouble and work were very well rewarded for the whole ground was soon covered by a luxuriant growth of Grasses, in spite of profound dry weather. And finally I wish to thank you for the many premium packages you sent me. I have no trouble gaining more customers in this section for good Seeds talk.

ROBERT LEUTHE.

Waukesha Co., Nov. 23, 1900.

The Timothy and Clover Seed which I bought of you last spring were mixed together with oats and sown together. The Clover plant grew where the oats did not, and took the first part of the season. The Timothy also made a fair growth although I never expected much of it the first season. The Clover grew with a splendid rank growth and furnished good pasture all fall. I also got a bushel of Clover-Grass mixture from you, and also one bushel of Timothy. I did not open the competitor close by, but I would not plant such thick, cobbled swards that I again as I received from the other firm; yours, the White-Cap Yankee, and Corn, and Clover-Grass, Timothy, I think, are just what you will furnish me with your Catalogue again, for I think I want more Seeds from you.

M. H. WARREN.

Stanley, Wis., Nov. 17, 1900.

Although it was very dry last spring the Clover-Grass Mixture came up nicely and soon formed a nice and green mass for me to work with. I am satisfied with the ground very solid. That which I sowed with rye has done best for I could cut a fine crop of hay from it already. We have not had any rain this fall, but I am satisfied with the growth. Truly yours,

NIC BOLER.
FORAGE AND FODDER PLANTS.

Probably no other Fodder Plants are so popular and well known as MILLET and HUNGARIAN. When drought is cutting the hay crop short, either one can be sown to make up the deficit. When the season is short, millet makes a demand for Millet and Hungarian that it sometimes cannot be had at almost any price. This was proven again a year ago this spring. It will therefore be to your advantage to send your order early. We will fill all orders at the lower prices quoted below as long as our large stock holds out, and reserve the right to change market prices when it is exhausted.

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 takes such a short season to make a first cut of hay, and is the most nourishing and milk-producing hay. On this account it is the best catch crop when other crops, already put in, for some reason, cannot be allowed to grow. If sown as late as the 15th of July, it will make good results can be expected, if the chances are favorable. In the neighborhood of larger cities, where early potatoes are extensively grown for the market, Hungarian Millet is generally sown in the fall of the potatoes are dug, and thus two crops are harvested in one year from the same piece of ground. Hungarian will not grow as coarse as many other Millet varieties, but still more nearly resembles hay. The hay is very leafy and of the very best quality, being greedily eaten by all kinds of stock. Weight of seed, 48 lbs. per bushel. For hay, sow 9 pecks per acre, while for hay seed from 2 pecks is sufficient. Price: Bu., $1.40; 2/3 bu., $1.20; grain sacks extra, 10c. each extra.

THE HOG MILLET—This Millet has been known and was grown for several years here in Minnesota and the Dakotas, and within the last few years has been placed on the market under various names, such as "Manitoba," or "Russian Corn Millet," "Broom Corn Millet," etc. The name HOG MILLET has been selected on account of its great value for feeding stock, especially hogs. It is of great value in sections where the climate is dry and safely grown, and in such localities the Hog Millet solves the problem as to the profitable raising of swine. In 50 to 60 days from the time the seed to be planted, it is ready for the second harvest. The seed ripens while the fodder is yet green, hence it can be cut and used for both hay and seed with equally good success. When wanted for the seed and hay from 30 to 60 bushels of seed can be raised per acre, besides the fodder or hay, acre. It is unlike the German or Common Millet and Hungarian in habit of growth, having a branching head, and in the appearance of the seed, which is known as "HOG MILLET-No. 1 Bu., $1.00; 2/3 bu., $1.25; grain sacks extra, at 10c. each.

EARLY FORTUNE MILLET—A new and entirely distinct variety of Millet. The seed is 3 or 4 times the size of German Millet and of a beautiful mahogany color. The great advantage this Early Fortune Millet has over other varieties is its extreme earliness, as it heads In from 25 to 30 days, and 2 crops can be easily raised on the same ground the same season, even here in the northwest where the seasons are short. It yields very heavy, but it is a good fodder. One most valuable feature about this Millet is that the hay can be fed to horses and other stock without any danger of bad results from feeding the whole seed. When it is cut to ripen, it forms, it is almost dry as it is cut. We advise our farmers to order at least enough of it to get a start, as we are certain that you will all be pleased with it. New Packet, 1 lb., 25c.; 10 lbs., 250c.; Postpaid by mail. By express or freight not prepaid, 1 lb., 15c.; peck, 50c.; bu., 1.00.

GERMAN or GOLDEN MILLET—This grows very rank and is one of the best varieties for hay or fodder. On good, rich soil it will make a growth from 4 to 5 feet high, but although the hay may seem coarse, yet it is so tender, if cut at the right stage, which is when in full bloom, that even hogs will eat the cured hay quite greedily. A yield of five tons of hay per acre is nothing unusual. New Packet, 1 lb., $1.40; 2/3 bu., $3.00.

COMMON MILLET—This does best on dry, light, rich soil and grows to 2 feet high, with a fine bulky of stalks and leaves, and is excellent for forage. About 3 pecks of seed is sown per acre. New Packet, 40c.; bu., 1.35.; 1/2 bu., .325.; grain sacks extra, at 10c. each.

JAPANESE BARNYARD MILLET—A variety of Millet which was introduced here in this country by Professor Brook, of the Massachusetts Agricultural College, who secured it from Japan. It is a very hardy, and is very likely to be very valuable and is highly recommended for the following reasons. It will grow 6 to 8 feet in height and yield 5 to 23 tons per acre. It may be siled, fed green, or cured into hay, and its feeding quality is superior to Polder Corn. It can be sown at any time from the middle of March to the end of July, either broadcast at the rate of 100 pounds per acre or in drills, using 8 pounds of seed per acre. The seed so far has been scarce and high priced, but we can offer it at a less price than usual. Large Packet, 5c.; 1 lb., 20c.; 4 lbs., 75c.; postpaid by mail. By express or freight not prepaid, 1 lb., 10c.; 15 lbs., 1.25.; 50 lbs., 3.75.

NEW SIBERIAN MILLET—A good Millet, introduced several years ago from Russia, and is a very distinct variety, the seed being of an almost orange color, but the heads and stalks being the same as of the Common Millet. It stores quite heavy and the joints being so soft, the plant is easily broken. It is a heavy yielder, and the hay is of very fine quality. It will yield 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 when other varieties fail. New Packet, 5c.; 1 lb., 25c.; postpaid by mail. By express or freight not prepaid, 1 lb., 10c.; peck, 50c.; bu., 1.35.; grain sacks extra, at 10c. each.

If in need of larger quantities of Millet and Hungarian, write us for special prices, which we quote by return mail.
DWARF ESSEX RAPE—Of how great value Dwarf Essex Rape is as a pasture and seed crop, you will now first fully realize by most farmers and dairymen here in the Northwest.

For a time last summer the prospects for the future were quite discouraging, for nothing grew, no pasture nor a chance to get a hay crop on account of a prolonged drought, and if it had not been for Dwarf Essex Rape for PASTURE, and Millet and Kafir Corn for hay, or for Silo, a great many of our brother farmers would have been compelled to sell off their live stock.

Dwarf Essex Rape is a pasture plant for almost any land, as well as for hay, or for silo, - a remarkably fast grower, it is a valuable forage for swine and cattle, will be ready to be eaten off in five weeks from the time of sowing. Unlike other plants it can be sown at any time during spring and summer, and you can have a good pasture just when you need it.

Dwarf Essex Rape is very valuable, and nothing will get sheep and hogs sooner and better ready for market than this. It is an easy matter to bring spring pigs up to 200 pounds in weight if six months old fed on Rape.

Late in the fall when most pastures are barren Dwarf Essex Rape yields a splendid feed, as frost will not hurt it any, and it is well relished by all stock. Sheep, hogs and cows alike, that are fed off a field of Dwarf Kafir Corn, and that grew as long as there is anything left of the plants they will eat it. Rape can be sown with grain, using 3 pounds per acre, to provide for pasture for sheep after harvest. It can also be sown in corn when this is cultivated the last time. Good results are generally obtained for late fall pasture when Dwarf Essex Rape is sown after the spring grain has been harvested. When Rape is sown broadcast, 5 to 6 lbs. should be sown per acre. We handle only the genuine Dwarf Essex Rape, which has proven to be the only satisfactory kind, and offer it at a reasonable price. Do not be taken in by cheaper prices, but they cannot sell the genuine Dwarf Essex for less; they must offer inferior seed.

Large pkt. 5c.; lb. 25c.; postpaid by mail. By express or freight: Lb., 15c.; 5 lbs., 75c.; 10 lbs., $1.25; 25 lbs., $2.50; 50 lbs., $4.10; 100 lbs., $8.25.

How necessary it is that care should be exercised in buying Rape Seed, the following letter from one of our customers will show you:

Louriston, Minn., June 5th, 1899—When you quoted me on my list of seeds last spring I thought your prices for the Rape were too high, so I bought elsewhere, and mixed it with my oats to get fall pasture, and now the oats are full of plants of Rape, which I cannot sell to anyone. I have been compelled to use my oats for fall pasture, and hope to be able to use them for spring pasture next year.

If you allow me to give you this spring I sowed the corn in July, and this past spring I sowed it in March, and this past summer I sowed it in May, and I have been using it as a green manure, and have used it for hay and stock feed.

F. LANOE, Bloomington, Ill.—The Dwarf Essex Rape was all I expected. I sowed part of it in Flux and have been very well satisfied. It made good fall pasture for about 6 weeks and I expect to get more of it.

EARLY AMERICAN SUGAR CANE—This is the only variety of Cane that make a fine syrup,不动are a crystal. Cane syrup made from our Early American Cane grown right here in Rice County has been the talking point in all the surrounding counties. The syrup has a very delicious flavor and all that have used it prefer it to the New Orleans Molasses. There is a very fine table of figures, and we will give you a sample of your order.

Dairy farmers say that this is the most valuable fodder plant in existence for their use. Notwithstanding its great adaptability as a food for live stock, it is only quite recently that the real value of Dwarf Essex Rape (for pasture) has been recognized, and the Etawah variety (for hay) has a large demand in the State Fairs in different States. The syrup has a very delicious flavor and all that have used it prefer it to the New Orleans Molasses. There is a very fine table of figures, and we will give you a sample of your order.

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. It has a stalky stem, with numerous slender leaves. The stalk is thick, and not hardening like other varieties of sorghum, making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. The seed crop is also heavy, sometimes yielding 2 bushels to the acre. For the grain, sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre; for the fodder, sow, 1/4 bushel to the acre in drills. Pkt. 5c.; lb. 20c.; 3 lbs., 50c. By freight: Peck, 60c.; bu. (50 lbs.), $2.20; 100 lbs., $4.25.

JERUSALEM FLOUR CORN—The kernels are pure white and nearly flat. It is claimed to be the best and surest forage crop for choice pastures in the northwest; plant 3 to 4 pounds of seed per acre. Pkt. 5c.; qt. 30c., postpaid. By express or freight: Qt., 75c.

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. It has a stalky stem, with numerous slender leaves. The stalk is thick, and not hardening like other varieties of sorghum, making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. The seed crop is also heavy, sometimes yielding 2 bushels to the acre. For the grain, sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre; for the fodder, sow, 1/4 bushel to the acre in drills. Pkt. 5c.; lb. 20c.; 3 lbs., 50c. By freight: Peck, 60c.; bu. (50 lbs.), $2.20; 100 lbs., $4.25.

BRAZILIAN or CULTIVATED BIRDFOOT—For light, poor, or sandy soils Sera- dellova is one of the best fodder plants. We know its great value, and have urged our customers to plant it whenever possible. This valuable forage plant is of the most importance, and it is sown at the rate of 10 to 15 lbs. per acre by itself, or it can be sown in Winter Wheat or Rye in early spring, and after the grain is cut it begins to grow rapidly. It is very remarkable for its drought-resisting qualities, and makes it possible to grow crops of hay close and thick growth, covering the ground completely and choking out all weeds; also, very desirable as a catch crop. It is not a per-
CANADA FIELD PEAS—These are very valuable for fattening stock, and can also be grown for soil improving purposes. The seed is of great value for fodder when fed as ground feed, or the vines can be cured for hay. Fifteen to 20 bushels of Oats are required. This latter method is the most practical and profitable, because hay can be secured at a lower price than the same amount of green peas. The peas not sown on very rich soil as they will run to vine instead of pod, unless grown for renovating purposes. For feeding and fattening purposes the Canada Field Peas are the most profitable to grow. Qt., 15c.; peck, 40c.; bu., $1.85; 2 bu., $3.65; sacks included.

CANADA FIELD PEAS (Green)—Height of vine 3½ to 4 feet. Of the same general character as Canada White Field Pea. Used for the same purposes, but the seed is green in color. Qt., 90c.; peck, 35c.; bu., $1.10; 2 bu., $2.20; 10 bu., $1.75; bushel free. Field Peas are subject to the market price.

WHIP-POOR-WILL—This plant is highly valuable for fodder but more so for reclaiming poor and worn out soil. Plowed under green it is the greatest fertilizer and soil improver. Poor, sandy and worn out soils may be brought up to full fertility again by growing several crops of these Cow Peas. If left to ripen, the pods can be harvested and the Peas be ground for feed, which makes the best cattle fattener, and the vines plowed under for fertilizer. The vines when fed green makes the best fodder and are very nourishing food. The Whip-Poor-Will makes more vines than other varieties and hence is best adapted for soil improvement. Peck, 70c.; bu., $2.50. Prepaid by mail: Pkt., 5c.; pt., 20c.; qt., 35c.

Field Beans.

NAVY BEAN—The Navy Bean is grown very extensively for field culture. We carry a high grade of this standard seed. Peck, 85c.; bu., $3.20; sacks included.

CALIFORNIA WONDER BEAN—Price: Peck, 25c.; bu., $1.25. See page 19. This variety is a very valuable crop; the best for field culture.

LATHYRUS SILVESTRIS or FLAT PEA—This plant is barren and dry soils; also to withstand prolonged droughts. On very poor, unimproved land, an inch of top growth is obtained with a foot growth of 12 to 15 inches the first year. The tops are not easily cut down by frost and the roots go through the winter well. It starts to grow early in the spring and continues to grow well into the fall. Two to three cuttings can be made in one season, and a large amount of very rich hay can be secured from a comparatively small area. It is excellent for pastureage as well as for hay. According to a recent analysis, the pea meal is as rich for feeding stock or enriching the soil as Alfalfa or Clover. The yield is enormous; 1-year-old plants gave at the rate of 10,400 pounds of green forage per acre. The mature roots, 30 feet deep, enable them to stand the severest droughts and extreme cold. It last 50 years without reseeding. Like all long-lived plants, it grows slowly at first, and needs care to keep down the weeds. Pkt., 6c.; 3 pkts., 15c.; oz., 20c.; 1 lb., 90c.; 1 lb., $1.35, prepaid by mail.

Vetches.

SAND or WINTER VETCH—Vicia sylvatica—Sometimes called the Hairy Vetch. Among the various leguminous crops recently introduced into this country, with such manifest advantage to the farms and farmers, there is not one which, in our judgment, promises greater results than the Sand Vetch, or Hairy Vetch, as it is sometimes called. In many sections it is largely grown, and its value as a forage crop and as an improver is so great that no effort should be spared to secure, at least, a few acres. The Sand Vetch has come to us as a valuable adjunct to Clover. For the past three or four years it has been tested widely throughout the country, and very favorably in Virginia. It has been found to be perfectly hardy and not nearly so susceptible to killing by frost as the sun or drought in the early fall, as Clover. Against extreme cold it is perfectly hardy here in Minnesota and even in Canada. Whilst it does not make such a very vigorous growth during the winter, it yet lives and grows, and is ready to push forward into quick and luxuriant growth as soon as ever the mild days of spring set in. When once this growth starts, it continues through wet and drought, and the quality of forage made is wonderful. It has more than most kinds of green feed to the acre, and this feed is of the most nutritious character. It is much richer in protein (the muscle and growth producing element) than Red Clover, or than the Cow Pea, whilst in fat-producing matter it is nearly the same. These facts make it far richer in nitrogen, phosphoric acid and potash than any of the Clovers or the Cow Pea. If intended for forage or hay, it should be sown at the rate of 50 or 40 pounds to the acre, with a light seeding of winter oats, wheat or rye. The Sand Vetch will take more advantage of the sandy soil and make it easier to cut and harvest the crop. If only intended as a pasture or an improver, sow alone at the rate of 40 or 50 pounds to the acre. Sow early in spring or in August and September, on well prepared land. When sown alone it will make a perfect mat all over the field, which will continue to increase in thickness all through the spring and summer, as the vines fall down and grow up again. When plowed down the soil will be found to be as mellow and full of vegetable matter as possible. And when consolidated with the roller will be in the finest condition for the production of wheat, oats, grass crop, or a crop of oats or potatoes. Lb., 15c.; 25 lbs., $2.75; 50 lbs., $5.25; 100 lbs., $10.00, by freight or express.

SPRING VETCHES or TARES—Vicia sativa—A very productive and highly nutritious fodder plant; is grown very extensively in England, also Canada. It is either cut green for forage, or made into hay. It is well liked and greatly relished by cattle. It is a valuable crop, is broadcast in spring, at the rate of one bushel per acre. Per lb., 7c.; 50 lbs. (1 b.), $3.00, by express or freight.

TEOSINTE—Physaria luxurians—A forage plant which comes to us from Egypt, and which for several years has been grown to a limited extent in the South. It attracted considerable attention on account of the large amount of foliage it produced. The yield is so abundant that one plant is considered to be sufficient to feed a pair of cattle for 24 hours. It suckers more than any other crop, and may be increased to 50 stalks and as high as 70 to 80 feet from one kernel of seed, and growing to a height of 11 feet. It can be cut when 2 or 3 feet high and used for fodder; will quickly grow up again, and can be cut 2 or 3 times in one season. The amount of seed is large, and the price is low. It is a wonderful forage plant, and will soon become more known. The seed is produced very sparingly, but is now grown in this country. We advise all those interested to give it at least a trial this year, so as to be ready to plant larger quantities afterwards. Large pkt., 10c.; os., 15c.; ½ lb., 30c.; 1 lb., $1.10; 3 lbs. (sufficient for one acre), $3.00, by mail prepaid.
GIANT SPURRY—Spurry 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 sandy soils. Spurry has full crop that will surely return a profit when sown for fodder. It is called the clover of sandy soils, yielding 7,500 pounds per acre; and in another report to the Michigan Agricultural Station, he says: "The Spurry has shown wonderful productivity. Its value as a man- ual plant on light sands is pronounced. It seems to make the soil more rapidly than other plants. It is readily eaten by cows, sheep, and cattle."

CULTURE—It's of very rapid growth, and is of great value if sown the latter half of March and in April or May at the rate of 10 lbs. per acre, if wanted for hay, and covered lightly by harrowing. It germinates quickly, and in from 6 to 8 weeks is ready cut. It is usually cut for hay the first time at pasturage value, and if wanted as a fertilizer, 20 lbs. are sown per acre, and when 15 to 20 inches high, plowed under. Two crops can be plowed under in one year, on account of its quick growth. It is not a perennial. Price, prepaid by mail: Oz., 75c.; 1 lb., $1.00; 10 lbs., $10.00.

COMMON OR SMALL SPURRY—Does not get too high as the Giant Spurry, otherwise is the same. Price, by express or freight: Lb., 12c.; 10 lbs., $1.00; 50 lbs., $4.75.

AUSTRALIAN SALT BUSH—For alkaline lands the most profitable plant to grow. It grows freely in the arid regions without irrigation and on alkaline soils. It is also suitable for drills and other spots, but is valuable for heavy and sandy soils as it makes a thick, matted growth 16 feet in diameter in a single season. It furnishes an immense amount of fodder. Sheep and hogs eat the green plant readily and poultry thrive on it. For horses and cattle about 3 parts of this forage is mixed with 1 part of good hay. This plant is the mainstay of stock during the dry season, and they seem to prefer it to other feeds.

GIANT SPOLT—Ripe plums are made in boxes. It germinates readily, and when the plants are a few inches high they are set out in the ground or on the alkali of its becoming a nuisance, as it can, when desired, be eradicated.

SOYA BEAN (Black Berry)—This Bean is large and hard. It is utilized for fodder, and also can be sown broadcast at the rate of $600 bushel to the acre. It may be planted in drills 3 feet apart and 1 foot between plants. Price, by mail, postpaid: Pkt., 2c.; 1 lb., 40c.; 10 lb., 35c. By freight or express: Peck, $1.00; bu., $3.50.

WHITE BEAUTY SUNFLOWER._A mammoth single-head Sunflower with pure, snow white seeds, while strikingly distinct new sort is not only the most beautiful, the most vigorous and the most valuable for stock and poultry feeding of any Sunflower grown. Many the fact that all its powers are expended in producing one mammoth head. It is simply a marvel for productivity, outyielding the old sorts almost two to one, 3,000 pounds per acre being no unusual yield. Price, 4c. per lb. 1/2, 20c.; 1 lb. 35c., postpaid by mail.

MAMMOTH RUSSELL SUNFLOWER—A more profitable or important crop can hardly be raised, especially by prairie farmers. The seed is highly valued by farmers and poultry breeders who have tried it. Those who raise hens or fowls for eggs or meat will find it one of the best food. Single heads measure from 12 to 22 inches in diameter, and contain a lot of seed, which makes the seed highly priced. It is said to be the greatest value as fuel; when dried, the stalks will make a hot fire; while, the seed-heads, with the seed in, will make a better fire than the best hard coal. One acre at least should be planted and used for ether fuel or the seed for poultry. Four quarts will plant one acre. By mail, postpaid: Pkt., 3c.; qt., 20c. By express or freight: Pkt., 10c.; 1/4 bu., 45c.; bu., $1.50.

BUCKWHEAT.

NEW JAPANESE BUCKWHEAT—The earliest Buckwheat grown for seed, and can therefore sometimes be planted as a catch crop or even after wheat. It is fine and long, without center stalk. Large pkt., 10c.; lb., 50c., 100 lbs., $5.00. Price, by express or freight: 10 lbs., 70c.; 25 lbs., $1.50; 100 lbs., $5.00.

NEW JAPANESE BUCKWHEAT—This plant is known for reclaiming poor lands. The excitement that has been created by growing it in the Lupins such land can be made very valuable. It is a grain valued in Germany that it is called the "Gold of the Desert," or "Desert Riches." When dried for fodder it is very good for sheep. Lb., 20c. postpaid. Price, by freight or express or 10 lbs., 10c.; 100 lbs., $1.00.

SPURT—Triticum spelta—This grain is largely grown in some parts of Europe, especially in Southern Germany, in Switzerland, Spain, Denmark and Sweden. It is closely related to Wheat; the kernels are tightly enclosed in the hulls or husks and these adhere to the grain when it is threshed. In parts of Germany where Spurt is largely grown, the hulls are separated from the grain by running it through a specially constructed cleaning or scouring machinery, and ground into flour the same as Wheat, and cooked in the same manner. It makes better flour and bread than Wheat. It has lately found its way into this country and has been successfully grown here and is now offered by different seedsmen. Its great value for growing it here is that it is a very early variety; it is a very hardy, and will produce large crops on land where wheat will not do well any more. The straw is very stiff and does not lodge easily, and the grain does not shell out. It can be fed the same as Wheat. It is also good for hogs. The millers when it becomes known, and we recommend it for trial. Price: Pkt., 1lb., 30c.; by mail, postpaid. By freight: Peck, 50c.; bu. (40 lbs.), $1.20.

NEW RUSSIAN FLAX—More attention should be paid to good and clean seed. Flax is a valuable crop, such an article as the pure, clear, clean, and healthy seed for a very reasonable price. Peck, 45c.; bu., $2.00; grain sacks, 80c. per bu. Price or freight charge, 100-lb. lot, 10c.; freight to Boston, 25c.; price per cent.

SPRING RYE—This is mostly sown for a forage crop together with Vetches and Oats, but it can well be sown by itself, and is especially valuable as a catch crop when winter grain has been killed out. Peck, 40c.; bu., $1.50; 2 bu., $2.00; sacks included.

BUCKWHEAT.

NEW JAPANESE—This is a brown or almost dark variety, and is very early, about a week earlier than the Silver Hull. It is a vigorous grower of both vines and seed, and yields quite heavy. The flour made from it is of the best quality. It will not require as thick seeding as other Buckwheat, as it branches out so much. It is perfectly hardy and will grow in the extreme north. Price, 40c.; bu., $1.50; 2 bu., $2.75; sacks included.

NEW SILVER HULL—This is a very thin shelled Buckwheat of gray silvery color; the kernels are much larger than ordinary, and it is a prolific grower and the heaviest yielder yet introduced. It will make first-class Buckwheat Flour. It will continue longer in bloom than buckwheat and is made into an excellent for baking. Peck, 40c.; bu., $1.40; 2 bu., $2.75; sacks included.

We shall be pleased to quote low prices on Flax, Buckwheat and other Seeds in larger quantities upon inquiry.
WHY IT IS NECESSARY TO CHANGE SEED GRAIN—To keep the farm up means not only that it is kept in a high state of fertility, but the largest possible yields should be obtained from it, and this can only be accomplished by using the best seed obtainable. While most of our wide-awake farmers are well aware of this fact, a great many hesitate to make a change in their Seed Grain, because they have an idea that their land will not produce as much as in former years, while the decrease in their crops rests mainly with the seed stock sown.

All our seeds are free from foul seeds, as they are all raised on land which is entirely free from all poisonous weeds, and besides we have first class cleaning machinery, so that we always send out the best cleaned seeds. All our Seed Grain being your advantage if you conclude to change your Seed Grain to send us your order, and we are certain that you will be satisfied with the results, and order from us again whenever in need of seeds.

PEDIGREE BLUE STEM WHEAT—For more than twelve years Mr. Haynes has patiently labored in the development of this wheat, and it is safe to say now that he has succeeded, not only in having this wheat pure and unmixed with soft and bearded wheats, but being more productive also. Mr. Haynes says: "I commenced by planting in my garden in 1884 the grains from two good heads, having three kernels abreast, hoeing it as it grew. From the growth of those two heads I rejected the latest and poorest heads, using only the best and earliest for replanting. The improvement made by the process has resulted in increasing the number of kernels abreast in the spikelets from three to four, with the fifth kernel commencing to make its appearance. The length of the head is increased about one-third, and the berry much improved in uniformity of color and hardness. Another important advantage is that it matures about five days earlier."

We have secured our stock direct from the originator, and can recommend it to those of our brother farmers here in the Northwest and everywhere who wish to change their seed and get a new strain of this splendid and productive milling Wheat.

New kinds of Seed Grain, etc., are introduced every year, but it is seldom that a variety proves itself superior everywhere and under all conditions and meets with so much favor as this Pedigree Blue Stem Wheat. Not only has it at home in the Northwest where Wheat is the main crop, but everywhere and under all conditions has this PEDIGREE BLUE STEM WHEAT proven itself superior to other varieties, outranking them all. Farmers who ordered 10 bushels or less a year ago write us that they made a great mistake and should have ordered 100 bushels instead, as the Pedigree Blue Stem outyielded their own old Wheat by 10 to 15 bushels and per acre on the same fields and under the same conditions, and they would have made big money in the end by paying four times as much for our Pedigree Wheat instead of sowing their own seed. None of them will now have any spare to sell to his neighbors, but wants to sow the whole crop for himself, and some even have already placed their orders for 100 bushels and more with us in the fall, even before we threw our crop on the market, 50c.; bu., $1.60; 25 bu., $8.75; 5 bu., $7.00; 10 bu., $13.50; sacks included.

For larger quantities please write us.

VELVET CHAFF or BLUE STEm—This is the old, well known and reliable Hard Spring Wheat. For milling purposes it is equal to Fife Wheat, but yields considerably more per acre than this. Being a very old variety it is not as pure as the Pedigree Blue Stem offered above. The main Wheat crop raised here in the Northwestern states consists of this variety, and all the great milling kings pronounce it to be the very best, and they prove it, too, by their high-grade flour, which is world renowned. Year in and year out the old Velvet Chaff or Blue Stem Wheat has been the most reliable: when other varieties fail this will always produce a sure crop. Peck, 35c.; bu., $1.25; 25 bu., $6.00; 5 bu., $3.75; sacks included.

Write us for special prices on larger quantities.

Out of the many favorable reports from our customers in regard to our Pedigree Blue Stem Wheat, we bring for want of space here only a few. Mr. W. H. Haglund, of Meeker county, Minn., writes: I had a yield of 29 bushels for every bushel of seed of your Pedigree Blue Stem. Mr. N. J. Deplazes, Pierce county, N. D., says: Pedigree Blue Stem yielded 25 bushels for EVERY bushel of seed. Mr. T. G. Berge, Swift county, Minn., writes: The Pedigree Blue Stem turned out 20 bushels of No. 1 Wheat per acre and my old Wheat just across the road from it only 12 bushels of No. 3 Wheat per acre. The only thing I feel sorry for is that I did not buy 100 bushels of you last spring instead of 10 bushels. Mr. J. Stein, Howard county, Neb., says: Your Pedigree Blue Stem yielded about double than what other Wheat brought around here, and it is pure and I could not find a single head of another variety amongst it. Mr. T. Standfuss, Renville county, Minn., says: The 3 bushels Pedigree Blue Stem sown on about 3 acres yielded 63 bushels. Mr. Jacob Gundert, Hutchinson county, S. D., says: Your Pedigree Blue Stem Wheat, yielded twice as much as our Common Wheat, and I want to get more of it the spring.

We are located in the best farming country here in the Northwest, engaged in Farming and Seed Growing. We are sure that our improved varieties of Seed Grain, such as Pedigree Blue Stem and Minnesota No. 165 Fife Wheat, Lincoln White Shonen Oats will prove to be money makers for you, for hundreds of our customers have written us that they are very highly pleased with their Golden Dent and Minnesota No. 13 Corn, which originated here, and we are sure that Seeds from us, from the FAIR WORE and PROGRESSIVE STYLES of Seed Grain, will produce at least a third more and mature considerably earlier than such as are grown further South or in a milder climate.

We are most always fortunate enough to harvest a large crop of fine Seed Grain and are generally able to fill all orders at catalogue prices. Should our large supply, however, not reach and the market be much higher, then we reserve the right to send our customers the money's worth of seeds.
MINNESOTA NO. 163 FIFE WHEAT—Our brother farmers, especially in the Spring Wheat growing sections, making a specialty of Wheat growing, are undoubtedly greatly interested in this new Wheat. Professor Hays, of the State University at St. Anthony Park, St. Paul, Minn., and a special bulletin issued by the Experiment Station on Seed Wheat gives a full description and 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 in quality. It is a Wheat with new life, vigor and vitality, growing heads almost as large as the old, and to the miller on account of being run out and mixed with other kinds, is not as good a yielder any more as it used to be.

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 wind. Its gluten is of great strength and rather large in amount. We secured our original seed stock from the Experiment Station direct and have taken special pains to keep it clean and pure, so that our Seed Wheat that we offer of this new variety is true to name and is sure to please every Wheat grower.

The parent variety of this new Wheat is thought to be a variety of Red Fife Wheat, and the MINNESOTA No. 163 is a Fife Wheat, which the Wheat growers here in the Northwest are so familiar. It has been known all over the world as NO. 1 HARD, from which the Minnesota Fife Spring Wheat has been developed, and we are certain that Wheat growers everywhere will appreciate it.

Having raised the Minnesota No. 163 Fife Wheat now for three years in succession, we consider it as a most valuable variety. It has more vitality and vigor than the old, common and run out sorts of Wheat, and will, under most all conditions, if raised alongside of common Wheat, yield at least again as much per acre than this.

A yield of 35 to 45 bushels per acre is nothing; unusual under favorable circumstances.

We will only have a limited quantity to offer this spring, and advise those interested in new and improved varieties of Wheat to order as early as possible and secure enough of it to get a start at least. Price: Pk., 50c.; bu., $1.00; 25 bu., $1.75, by freight or express.

SASKATCHEWAN FIFE SPRING WHEAT—This Wheat has been so well known that a description of it is almost unnecessary. It is noted for its great productiveness, vigor, and freedom from smut and all diseases. Its greatest point of excellence is the hard and flinty kernels, whereby it is recognized as the best milling Wheat in every part of this country and Europe, and known everywhere as the old FIFE WHEAT. The Pillsbury-Washburn Flour Mill Co., in Minneapolis, the largest millers in the world, make the celebrated Minnesota Patent Flour, known and exported to every part of the world, from this Wheat, and Mr. C. A. Pillsbury pronounces it to be the best and most valuable milling Wheat in the world. We have carefully grown and selected this Wheat for seed purposes, and our stock is undoubtedly the best of the hard Fife in existence.

Mr. August Hamling, Saginaw Co., Mich., writes us, Oct. 25, 1901, for the good Seed Wheat you sent me I thank you a thousand times, for I harvested 72 bushels of Minnesota 163 Fife from 3½ acres. I think I beat everybody in yield in the state of Michigan this year. It is clean and plump in berry and of the best quality.

WINTER WHEAT—Although Winter Wheat is sown only in the fall of the year, we like to call the attention of our customers to our Hardy Northern Grown varieties. A great many may not be aware of the fact that we can raise big crops of Winter Wheat here in this extreme northern latitude. Such kinds of Winter Wheat that prosper here and make large average yields in and year out, are the ones that can be depended upon as sure croppers in every locality.

Of all the best results with Winter Wheat only Hardy Northern Grown Seed should be sown. With Winter Wheat which is exposed to all kinds of unfavorable conditions this is more important than for Spring Wheat. Under ordinary conditions it will yield a heavy crop and the grain, for it is an established fact that more than one-half of the crop failures with Winter Wheat are due to souring soft or diseased grain grown in a milder latitude. Such varieties are not hardy enough and will soon succumb to freezing and thawing and other unfavorable circumstances of the weather and of the soil. With common Winter Wheat grown in a milder climate fair crops may be had occasionally, but good average yields cannot be expected from it year in and year out. We are certain that the best results with Winter Wheat our Hardy Minnesota Grown Seed Wheat should be sown. This can stand 40 and 50 below zero of bare frost without suffering; neither have excessive heat and frosts any effect on it.

BEARDED FIFE WINTER WHEAT—This is the only Winter Wheat which will equal the well known No. 1 Hard Fife Spring Wheat in milling qualities and commands a premium of several cents per bushel from the millers in Winter Wheat sections where it is known. The kernels of this Winter Wheat are reddish, with a very thin chaff, are hard and give in gluten. It is adapted to all sections of the country where Winter Wheat is largely grown, and will not freeze out or sprout. It is also a leader on account of its heavy yielding qualities. Our average crop is from 30 to 35 bushels per acre, while our customers report heavier yields, and at the Experiment Station in Indiana the yield was 47 bushels per acre. While, at the Experiment Station of Iowa, who also gave it a thorough test, a yield of 55 bushels was obtained per acre. This proves also that under more favorable conditions for growing Winter Wheat in this state, larger yields would be here in Minnesota, and under such conditions as usually exist in the so-called Winter Wheat states, a much better yield can be obtained.

RED TURKISH WINTER WHEAT—This is an old and well known bearded variety and closely resembles our Bearded Fife Winter Wheat and commands a premium of several cents per bushel for the previous ware. Although it is of the same habit of growth it falls a little short in hardness and productiveness, but still it always held its own against all the baled varieties, as it hardly ever winter-kills. Under ordinary conditions it will yield a heavy crop and the grain is of the best quality, being hard and flinty. As to soil and conditions it is not at all particular, as it grows everywhere, it being a strong grower and a heavy stoller. On account of being very reliable and a sure cropper it is preferred here in the Northwestern states to the old varieties which most always winter-kill. Price: Pk., 40c.; bu., $1.20; 25 bu., $2.85.

Minnesota No. 163 Fife Wheat.

Farmer Seed Company, Faribault, Minnesota.
Manskehur Barley—This grand new Barley was introduced from Asia by the Ontario Agricultural College several years ago, and is beyond doubt the most valuable Barley ever introduced into this country, greatly outyielding the justly celebrated Manshury Barley. It is an early 6-rowed variety, maturing in 80 to 90 days from time of sowing; is very strong stemmed and stooled well, bearing large and well filled heads of plump and well filled grain, possessing malting qualities of the highest order, and is adapted to all kinds of soil and climate. Another important factor is its nice and bright color which will not turn dull and yellow when exposed to rainy weather during and after ripening, as most of the other varieties do, and on this account it will always be in good demand by the brewers, and command the highest market price. A good malting Barley will always sell for at least 10 to 15 cents more than such as is discolored and can only be used for feeding purposes. By growing the Manshehur there can be quite easily a gain of $5.00 to $10.00 per acre.

Professor Henry, of the Wisconsin Experiment Station, is loud in its praises, and hopes that its cultivation will become general throughout all of our Barley-growing states. Manshehur, in a comparative test of 37 varieties shown under the same conditions, and with no attempt made at getting above an average crop, easily outdistanced the whole field by an average yield of 15 bushels more per acre. The introduction of the old and well known Manshury Barley is reckoned as having been worth millions of dollars to our farmers, and we are confident from the Agricultural Station reports and from our own experience that this new Barley will eclipse Manshury in size of yield and profit.

Manshury Barley—This is an old, well-known, 6-rowed variety, introduced by Professor Henry, of the Wisconsin Agricultural Experiment Station, 11 or 12 years ago. Since then it has been the standard and most popular Barley ever introduced. It has been worth millions of dollars to farmers in the Barley growing states. It is a Barley of wonderful productiveness, and has no equal as a heavy yielder; its malting qualities are unsurpassed, and on this account always commands the highest market price. It ripens early and has strong, stiff straw, with long and heavy heads, filled with plump, nice kernels, which are of a pretty bright color, and will not discolor from wet weather. It is in fact the best Barley to grow either as a Barley to feed or to grow for the market. Barley is in better demand than it used to be, and even at a moderate price it is a good and profitable crop to grow. The Manshury Barley yields here in Minnesota, in ordinary seasons, 49 to 65 bushels per acre, and in favorable seasons has yielded as high as 98 bushels; figuring only 45 to 50 cents per bushel, it is one of the best paying crops. Our stock of this is pure as the original, and will produce as heavy crops as in former years, and we cannot recommend it too highly.

Peck 50c. bu. $1.00; 2 bu. $2.50; 5 bu. $4.25; 10 bu. $8.50, sacks included.

White Hulless-Beardless Barley—Also known as “Ideal Barley” and “Giant White Hulless Barley.” It grows very large, and has heavy, well filled heads without heads, and in the field it looks about the same as the “Beardless Barley” (see above), but the kernels shell out without the hulls, like the Black Barley, and are the prettiest and handsomest white berry, plump and oval in shape, that has ever been grown. It is not a malting barley, but can be used for feeding only, and as a fattening feed for hogs it has no equal. It makes fatter meat than even barleys. It is a vigorous grower, and can be sowed after all the other grain is sown, and it will mature before wheat or oats will. It can also be sown for hay, and if sown early enough can be cut twice, and it will make two good crops of hay in one year. Peck 50c. bu. $1.75; 2 bu. $3.25; sacks included.

Yellow Medicine County, Minn. Dec. 18—The seeds I bought of you last spring gave the best satisfaction. I raised 43 bushels from the 1 bushel of Manshehur Barley, and from 2 bushels of Pedigree Blue Stem Wheat also 45 bushels. Wheat yielded in my neighborhood, 12 to 20 bushels per acre and Barley from 33 to 49 bushels. With your Red Clover, I obtained a very fair stand. The Pass Seed was extra good, and made the best pastures until late in fall.

Please note: Illustrations and descriptions of the Beardless Barley on last cover page are illegible. We have harvested a fine crop of this Barley. It is a heavy yielder and cannot be recommended too highly.
LINCOLN OATS—We consider this one of the best malt corn varieties of Oats, and no other variety ever made such a record. It not only equaled, but surpassed all claims made for it, and is pronounced the best, most productive and hardiest oat ever introduced.

It is early, with heavy, stiff straw, bearing large and heavy heads, with well filled, plump grain. It has very thin and soft hulls and the plump and meaty berry can be slipped out from it. Its greatest yield, and for making oatmeal there is no other Oat better adapted. Even when it was not introduced, it has had the heaviest yielding oat producing as much as 174 bushels from one bushel of seed sown, and yielding an average of 116 bushels from one bushel of seed sown in seven different states. They are not the color others show, as a good, rich ground, they lodge, and sometimes the whole crop is lost, but on account of their strong, stiff straw, will stand up very well and produce a heavy crop of grain. It is more than a match for any other Oat grown on our farm. This Oat is never affected by rust, and the grain is always handsome. It is the best crop in quantity for the market, it pays best to the Lincoln.

In every locality where it was grown it has been in the lead, and so far has outsold all other varieties when grown on it, and weighed from 5 to 10 pounds more to the measured bushel.

Price: Peck, 30c.; bu., 95c.; sack of 2 1/2 bu., $2.25; 5 bu., $4.15; 10 bu., $8.00; sacks included.

Mr. D. Kellen, Nobles Co., Mich., writes: From the one bag (2 1/2 bu.) of your Lincoln Oats I threshed 100 bushels machine measure, but they will weigh out over 200 bushels. Mr. P. Hallemus, Traverse Co., Minn., says: Your Lincoln Oats yielded double what other varieties did and I will sow no others. Mr. A. A. Dix, Carbon Co., Mont., writes: We had a bad crop year, but I got 50 bushels from the 1 bushel of seed sown. Mr. A. A. Antatt, Grand Forks Co., N. D., writes: Under very favorable conditions I got a yield of 100 bushels per acre, but would have got more if conditions had been better and the care more favorable. Mr. T. Nordmeyer, one of Iowa's largest corn growers, says: I got 494 bushels from 6 acres. The Oats is very heavy, 1/2 bushel will weigh 21 pounds. Mr. N. J. Dejaeps, Pierce Co., N. D., says: From the 5 bushels of Oats I harvested 320 bushels after the black birds got thru, which were very young. Mr. N. J. Junker, Will Co., Ill., says: It is the finest Oats I have ever seen or had on my farm. It yielded over 300 bushels to the acre. Mr. T. Dailer, Walsh Co., N. D., says: From 1 sack of Lincoln Oats I threshed 118 bushels. Mr. E. Treadway, Cass Co., Ill., writes: The season was very unfavorable, but the 10 bushels sowed on 3 acres yielded double as much as other Oats yielded on the same piece. He cut the straw, put it on the farm, and threshed it, and got an equal to white oat, either for himself or to raise for the market, it pays best to get the Lincoln.

To everyone who has a chance to try it you are sure of a good crop.

NEW ZEALAND OATS—The original seed of this was sent several years ago from New Zealand to Dallas County, Iowa, and was carefully planted and grown by itself ever since. It proves to be very hardy and a vigorous grower. It averages a trifle higher than other sorts, but has very stiff straw and is never known to lodge. It has a record of yielding 160 bushels per acre, when other varieties in the same field yielded only 45 and 50 bushels. They are about a week later than the common Round Head Oats, thus giving time to harvest the early grain first. We obtained our seed stock direct from the introducer and is therefore the genuine. Peck, 30c.; bu., 95c.; 1 1/2 bu., 1 bu., $2.25; 5 bu., $4.15; 10 bu., $8.00; sacks included.

SILVER WONDER OATS—This is a hard, long black, or rather gray, Oat, and will surely please everybody who gives it a trial. It is a very early Oat with stiff straw and nothing short of a cyclone will lodge it. It always yields very heavy; 50 to 60 bushels is an average for it here in Minnesota. It has a much larger percentage of berry than other Oats, and on this account is of the highest feeding value. On account of their high feeding value, and greater productiveness than White Oats, Black Oats are in the leading market for the Mexican and market than they were in former years. In fact all Black Oats being thick and hard shelled always sold for a cent or two less in the grain market, as we offer them of greater feeding value, and on account of their sweetness, are even preferred by the stock. A great many farmers have tried in vain to get good Black Oats, so we offer this at low prices. Peck, 30c.; bu., 95c.; 1 1/2 bu., $2.25; 5 bu., $4.25; sacks included.

We have had quite a few inquiries for this Oat, which induced us to give it a trial. It is an Oat similar to the Lincoln, but not of such a plump berry as this, and matures about the same time. It is undoubtedly a good variety of Oats, and makes a good yield, but at the same time it cannot be compared with the Lincoln, American Banner, White Shonen or White Beauty Oats. Our seed stock of the Silver Mine Oats is true and pure, and we offer it at low prices. Peck, 30c.; bu., 95c.; 1 1/2 bu., $2.25; 5 bu., $4.15; sacks included.

All our Seed Grain is true and genuine to name and free from foul seeds. Should you need larger quantities, write us; we shall quote you lowest figures by return mail.

Silver Mine Oats.
IMPROVED WHITE RUSSIAN OATS—These elegant oats, although quite extensively grown in some sections, are not receiving the attention they deserve. Some farmers who are not acquainted with the Russian Oats have an idea that it is a very late Oat, and risky to grow, because it used to be so years ago. We have seen it ripen near Chicago over two weeks later than the Common White Barley Oats, and one farmer was afraid it would not ripen before winter. This was when it was first introduced. But since then it has become so thoroughly acclimated that it will ripen not more than 4 to 6 days later than our earliest Oats here in Minnesota, and proves to be of the greatest value. If a large acreage of oats is put in it is always better to sow two kinds, an early and a late one. Last year I sowed the Russian Oats, and they came out and thus incur a heavy loss. And for a second early Oats our Improved White Russian Oats is best adapted. About two or three days after the Early Oats are harvested, the Russian Oats is ready to be cut with a good work. It is also the proper Oats to grow for a farmer who grows only one kind, no matter how large an acreage he puts in, as it will not shell out if it gets dead ripe, and a heavy rainstorm will not lodge it, unless it be a cyclone, for it grows such stiff and strong straw. It is also the proper Oats to sow with Wheat for succo- lution and the Blue Stem. On account of its long kernels it will separate better from wheat than any other kind of oats; the grains being all of good size and uniform length, it will separate quite easy from Wheat with most any kind of mill without leaving any straw and very little of the kernels. In length, and the kernels crowded close together. The kernels are long and well filled, with a very thin hull, and of pure white color. It is, in fact, the prettiest White Oats introduced and will always bring the highest price in the market. In this great grain growing state, Minnesota, the Russian Oats are grown more extensively than any other variety, which speaks well for its superiority in the grain market as well as its curliness. We have carefully selected seed grain of the Improved White Russian Oats and are selling it at very low prices. Peck 30c.; bu. 50c.; 2bu, $2.25; 5 bu., $4.15; 10 bu., $8.00; sacks included.

BLACK TYROLIAN OATS—The increasing demand for Black Oats during the last year has induced many farmers to try this Oat, but most of them were of inferior quality. Only two, the Black Tyrolian and Negro Wonder Oats combine all the good qualities required. The Black Tyrolian is a native of Tyrol, Switzerland, and is the bluest of all so-called Black Oats. It is much harder than other Oats, which enables it to withstand drought and wet weather. The straw is stiff and heavy, and will stand up better than any other Oats. We have grown it on rich and poor soil, and it will thrive at all times. The kernels are short and plump and have a hull, although we had plenty of wet weather. Fine, soft flesh, and are somewhat flattened like the Tyrolian Oats. It is a vigorous and strong grower, and is a very early Oat. Peck 50c.; bu., $1.25; 2 bu., $2.75; sacks included.

WHITE SHONEN OATS—This is by far the handsomest White Oats introduced. The kernels are of pretty white color, plump and heavy, and do not rot out to a long point. During the latter years they have come to the front as a big yielder. Prof. W. A. Henry, of the Wisconsin Experiment Station, says of it in Bulletin 10: "For productiveness, stiffness of straw and thinness of hull, the White Shonen stands at the head of the list." We have raised these elegant Oats here in Minnesota for the past six consecutive years, and have never seen the last Oats cut out of the field who have a yield of at least 80 bushels per acre, although we have had years of severe drought, so that other Oats did not yield more than half a crop, but White Shonen never failed. It surely pays to discard your old, run-out and weak Oats to cut with one Oat that will get overripe and shell and productiveness. We pay the greatest attention to our Seed Oats, and know what we offer is white, pure, and genuine. Peck 30c.; bu., 50c.; sack of 2 bu., $2.25; 5 bu., $4.15; 10 bu., $8.00; sacks included.

AMERICAN BANNER OATS—This is one of the prettiest and best Pure White Oats, and deserves more attention. It is well adapted to sow on good and rich soil, where it will not lodge on account of its short and stiff straw. In season of excessive rains and wash-manured soil there is no other Oat that will carry its heavy load of grain so well as the American Banner. It will yield well under most all conditions; on ordinary soil a crop of 100 bushels per acre is generally harvested, while on good and rich ground it will yield even more than a half a crop, but White Shonen never failed. It is the most free from smut and other molds and is much lighter straw, which allows a greater number of stems per bushel. We have grown this Oat on rich and poor land, and it will produce an abundant crop when sown alone and for mixed crops. It is a very early Oat and has the most desirable qualities of any Oat of this year. We are pleased to say that our Seed Oats are raised on a farm that was abandoned 10 years ago. Peck 30c.; bu., 50c.; sack 2 bu., $2.25; 5 bu., $4.15; 10 bu., $8.00; sacks included.

Black Tyrolian Oats.

These Oats are unsurpassed when sown among Lodging Oats should try this variety. We have grown it long enough and are convinced that it will please everybody.

Better put in a field of them this year and convince yourself of its great merits. It will neither smut, rust nor lodge. We have a fair stock of them, which we offer at a reasonable price. Peck 30c.; bu., 50c.; 2 bu., $2.25; 5 bu., $4.15; 10 bu., $8.00; sacks included.

Somerset, Pa., Sept. 22, 1900—I am not going to scold you for selling me White Shonen Oats. The season was not very good and the very best farmers in this section did not average more than 50 bushels per acre. I had seeded 12 acres with your White Shonen Oats, which yielded 884 bushels, or an average of 73 bushels per acre. I am sure you will not believe the yields.

W. B. KEIM.

David City, Neb., Nov. 12, 1900—You will probably remember that I bought different kinds of seeds from you last spring. The White Shonen Oats made a very heavy yield, and are the prettiest White Oats that I have seen. They are very stiff in straw and did not rust well. I am pleased with the White Russian Oats. I sowed the Clover-Grass Mixture without a nurse crop and secured a very good catch. All the vegetable seeds were good, and I am well pleased with all of your seeds.

* Elgin, Ill., Dec. 12, 1900. Since I had such good success with your seeds I have come to the conclusion that your MINNESOTA GROWN SEEDS do exceedingly well here. From the American Banner Oats I have made 14 bushels, machine measure, and it will overrun by a good deal in weight. Of the potatoes I also harvested a bountiful crop. We sold all of them excepting what we are going to plant ourselves for seed.
IMPROVED WHITE BEAUTY OATS—In order to maintain great productiveness in Oats it is necessary to change Oats at least every year or two years. Being farmers ourselves, we know that farm work is combined with a great deal of hard labor. But nevertheless we are always interested and cheerful when we get paid for our work in the shape of good and paying crops. These can be best obtained by a change of seed. It is vain to trouble to grow Oats under the pessimistic conditions. Plants only to 40 bushels or 50 bushels per acre. If Oats are grown on the same kind of soil year after year, they will lose their vigor and productive power will make more straw than grain, and the heads will be very small.

In the IMPROVED WHITE BEAUTY OATS which we now offer for the first time, you will find the most reliable general purpose Oat introduced for some time. It is an Oat with new life and new vigor, and will produce wonderful results, if you do not put your expectation at 200 bushels per acre. Such claims are made only by dealers in seeds who do not know anything about farming, and make it a trade to sell their product through "fake schemes." It is very seldom that we offer anything new, because it is a hard matter for us to find anything that has been done in this country. This oat has been our choice. WHITE BEAUTY OAT, however, our customers will find an Oat they will be well pleased with, for it has all good qualities required combined. The grain is of very best quality, berry large and plump, of a pure white color, and is very thin hulled. It is stilt in straw and holds up its heavy oat kernels wonderfully. A field of these Oats with the large branching heads well laden with the pretty grain is a beautiful sight. An ordinary yield is from 90 to 100 bushels per acre, and under more favorable circumstances, it has yielded as heavy as 130 bushels. These yields may not only be duplicated, but increased.

WASHINGTON OATS—We obtained the original seed from a Russian Count who said it is the best Oat on the soil of the same time heaviest yielding Oats in Russia. It is more than fulfilled our expectations in every respect; for from the 1 peck of seed sow we harvested 27 bushels of very plump and heavy Oats, although it was sown rather late, and on a partly shaded piece of ground. The straw, although tall, is stiff and heavy, and forms large and branching heads. It is not a Side Oats like the "Russian Side Oats" which we offer on another page, but an all-around Oat, and different in every respect. It is a light plant, a plump, and lowly white color, with very thin hulls and soft nips. It stools very heavy, and requires no heavy seeding; always sows, even in dry places. Grain is heavy, size is large, is of a nice bright color. Being extremely northern grown, originating in Russia and grown by us in this Northern climate of Minnesota, it is very hardy and a vigorous grower. It will grow and thrive under the most unfavorable conditions of soil and climate, and is always a sure cropper. It has not a tendency to deteriorate like a very good variety, but on the contrary, it improves each year, as it becomes more and more acclimated. Price: 30c.; bu. 95c.; 1/2 bu. $1.25; 3 bu. $2.25; 5 bu. $4.15; 10 bu. $8.00; sacks included.

H.—Pine Co., Minn.—I am well satisfied with the seeds brought from your firm. Last year I sowed some of these Oats, and the standing field of Oats was a beautiful sight—such well filled and long heads of Oats. Although the season was very dry, and the grain only goot-sized, the grains were commendable. I am convinced that good seeds will bring good yields.

W. N. ENGELS.

I bought your Lincoln Oats from the Dreyer Co. of you last year. They are the best I ever had. I harvested 40 bu. from the 4 peck of seed bought of you, and the yields of Oats were also very good. AUG. H. HUBNER.

Northern Grown Seed Corn. (See Next Page.)

PROFIT CORN—This is an introduction of a well-known seed farmer of Madison Co., Iowa, and is claimed to be the most profitable variety for the average farmer who has to feed, as it not only yields a large amount of Corn but also large crop of cornstalks besides. For nearly twenty years this variety has been grown by the farmers, and it is claimed to be HEAVIEST and the most solid ear in existence. The color of the silks is a pure white, and the kernels are round from a light sulphur to a bright orange color, being agreeably diversified. The ears are of a very large size, grain is very deep and cob small, and dries out in the stalk; it is adapted to the soils, and from this it has produced a larger crop on poor soil than any other variety, and with good field culture will astonish everybody.

The second crop of 1912 was sown for a second year in the two counties of Iowa and two counties in Minnesota and found that this Corn matures with us here in Minnesota in about 70 days, and the manner in which it has grown here for several years it will undoubtedly ripen in less than 95 days. Price: Qt. 20c.; peck, 75c.; bu. $2.00; 2 bu. $3.75.

LEGAL TENDER YELLOW DENT CORN—This is a new variety originated in the great Corn and Hog State, Iowa. It is the result of 20 years' selection of a Seed Corn specialist, and has taken many premiums in many state and county fairs. We do not claim 150 bushels in 90 days, but do claim that it yields as heavy as any other sort and matures in about 100 days, and that it will give the best satisfaction everywhere, excepting the extreme North, where the season is too short for it. The Corn is very productive, of pure yellow color, ears very large and long, and a deep grain and small cob, while the stalk is only of medium size. Price: Qt., 15c.; peck, 50c.; bu., $1.55; 2 bu., $3.50; sacks included. Prepaid by mail: Pkt., 5c.; Ib., 15c.; qt., 30c.

Forty-six different checkers have this Corn grown in 1912 in the most severe of seasons, and the best success with it. It has a rough. This Corn is CROWNED ON ONE ACRE by Mr. Alfred Ross, of Yates county, New York, and 171 bushels of Corn were obtained on one acre. This Corn has been grown by everyone, and has produced uniform results. Price: Pkt., 5c.; Ibs., 15c.; qt., 30c.

FOR A DESCRIPTION AND ILLUSTRATION OF OUR PROSPERITY CORN, the largest eared and heaviest yielding Corn for the Northwest, as well as for the main Corn-producing states, see last cover page.

H.—Lorraine Co., Ohio.—Although we had a severe drought last summer, the 'Minnesota Thirteen' yielded over 100 bushels per acre, and if the season had been favorable it would have yielded far more. The Clover-Grass Mixture has also done well in spite of the dry weather, and I expect a good crop of hay from it next year. ANNA REUSSER.
Northern Grown Seed Corn.

It is a well known fact which cannot be denied that our Minnesota grown Seed Corn insures great vigor, a rapid growth, an early ripening and wonderful productiveness. As we are located so far north, and in the best corn growing section, it will surely be to your advantage to secure your seed corn from us. This particular section of Minnesota is as well adapted for raising corn as any other grain, and after summer has once set in everything grows with great vigor, and corn that will take over 100 days to mature in the corn growing belt will ripen here in Minnesota in 90 days, after it has been growing here two or three years in succession. Such Northern grown corn has new life and new vigor, and will yield the heaviest crops. The last 2 or 10 days are generally the most critical for a growing corn crop, and a week earlier may mean hundreds of dollars ahead sometimes.

All of our seed corn is thoroughly tested and none of it sent out of which we are not certain as to the germinating. We advise our brother farmers, no matter where they buy their seed corn, to test it before planting. It is but little trouble to try a few kernels in earth, and by so doing the responsibility can be placed where it belongs. It is our policy and habit to ship our own seed corn on hand in time for testing and planting.

IOWA GOLD MINE—This corn originated in Iowa, and was introduced a few years ago by a leading seed firm in that state, and they describe it as follows: "It is early, ripening only a few days later than Pride of the North; ears are of good size and symmetrical; color, a bright golden yellow; as handsome as a $20 gold coin just from the mint; grain is very deep, cob small, and therefore dries out very quickly as soon as ripe. Seventy pounds of ear corn make 90 to 104 pounds of shelled corn, and in hauling to market weighs out 5 bushels more to the wagon load than common varieties in the same size wagon."

We have grown the Iowa Gold Mine Corn here in Minnesota, and consider it one of the best Early kinds of Corn to grow here in the Northwest. If planted by the 20th of May it will be ready for harvest by the 1st of September.

Price: Qt., 15c.; peck, 45c.; bu., $1.85; 2 bu., $3.50, sacks included. By mail, postpaid: Pkt., 5c.; lb., 15c.; qt., 30c.

IOWA SILVER MINE—A new variety of White Dent Corn, which is remarkable for its large yields. Two hundred and fifteen bushels shelled Corn were grown on one acre in Scott county, Iowa, besides many yields where the corn is valued as ear; 10-day White Dent Corn. Stalk grows to a height of about 7 or 8 feet and sets the ears about 3½ to 4 feet from the ground, just the right height for easy picking. The ears are very uniform in size and shape. The yield 20 rows wide, which equals set on a small white cob, and the ears are well filled out over the tip. The cob dries out rapidly so that it is ready for market earlier than any white Field Corn in existence. Seventy pounds of Corn in the ear will make 62 pounds shelled. It has not a large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth and it is as well rooted as any Corn grown. It is hardy, a great drought resister and a Corn which will give satisfaction wherever planted.

Price: Qt., 15c.; peck, 45c.; bu., $1.85; 2 bu., $3.50. By mail, postpaid: Pkt., 5c.; lb., 15c.; qt., 30c.

MINNESOTA NUMBER THIRTEEN—This is a new early variety of Yellow Dent Corn introduced by Professor M. H. Haynes. We procured our seed stock of this Corn directly from Prof. M. H. Haynes and have raised a large crop of fine Seed Corn of Minnesota Number Thirteen last year, so that we can offer the true and genuine Seed Corn of this.

It is a full Yellow Dent Corn, 16-rowed, with the kernels packed closely upon the cob, and well filled from tip to tip. Having raised this Corn ourselves, and harvested a fine and heavy crop of it, we are thoroughly convinced that this Corn is best for the Northwest, and that it has a brilliant future, as it outyields all the other old early varieties of Yellow Dent Corn heretofore introduced. It will yield almost as heavy as the standard varieties. This Corn was planted rather thick, four, five, and sometimes even six stalks growing from a hill, we have never seen a field of Corn before that averaged such good sized and well formed ears as this field of Minnesota Number Thirteen. There were no culls at all, but all were of perfect type and well filled. 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.; peck, 65c.; bu., $1.85; 2 bu., $3.50; sacks included. Prepaid by mail: Pkt., 5c.; lb., 20c.; qt., 35c.
New Field Corn—Murdock Golden Dent.

An enormous Golden Dent variety, so early that it can be grown in the Northern States, and out-yields any other sort. It originated in Wisconsin, it is the finest Field Corn we have known, its kernels are large and handsome, 24 rows of deep kernels. It is enormously prolific, producing over 125 bushels to the acre in very dry seasons, in hills four feet apart each way, and with ordinary cultivation. It has a great vigor enables it to stand dry weather remarkably, and gives a good crop where other kinds fail from drought. It is not a tall growing variety, and a large sized ear is borne by each stalk, which run as uniform as though they were all trained in the same mold, and are as perfect and handsome as though they were made of one pattern. No other variety of Corn can approach this, and when known, to be more extensively grown than all other kinds put together. Owing to its extreme earliness it may be harvested earlier than any other Field Corn varieties, even when planted much later. It is earlier by several weeks than Iowa Silver Mill, Legal Tender and Leaming, and will mature with pride of the North and Minnesota No. 15. It is seldom one sees anything bred up to such perfection as is this new Corn. Pkt. 10c.; lb. 20c.; qt. 35c. By express or freight: Peck, 50c.; bu. $2.00; 2 bu. $3.75.

EARLY LONGFELLOW DENT—This new variety of Corn introduced here in the Northwest only a few years ago has fully proven all there was claimed for it. This Corn matures very early, even earlier than the well-known Pride of the North, and yields more than again as much as this, without regard to the conditions of soil. The stalks yield an elegant fodder, as it is very leafy, and for this reason it can also be recommended as an early fodder corn. For the farmers here in Minnesota, Wisconsin, Michigan and the Dakotas, this Corn is of the greatest value, for it will grow and mature wherever Corn can be grown, and is always a sure cropper. The ears are 12-rowed and the kernels not so very large, but the size of the ear makes up for it; it will out-yield any other of the dwarf and large-kernelled varieties. Price, express or freight: Qt. 10c.; peck, 15c.; bu. $1.50; 2 bu. $3.50; sacks included. Prepaid by mail: Pkt., 5c.; lb., 10c.; qt., 30c.

PRIDE OF THE NORTH or QUEEN OF THE PRAIRIE—An old and well known extra-early variety, Yellow Dent Corn that will ripen in localities where only Flint Corn has been considered safe to raise. The grain is of bright orange color; stalk and ear of good size, cob small and of red color, with long, deep kernels. Corn will mature in 75 to 90 days. Price, express or freight: Qt. 75c.; peck, 65c.; bu. $1.85; 2 bu. $3.50; sacks included. Prepaid by mail: Pkt., 5c.; lb., 15c.; qt., 30c.

NEW WHITE CAP YELLOW DENT—This Corn will be appreciated by those living in drought sections and by those farmers who have thin, poor soil. The ears are always large, handsome and well filled. The tip ends of the grain are white, the inside, when mature, making it a beautiful color. It is robust, of large size and gives a good yield. It is not as hardy as Pride of the North, but seems to be all out of the strongest winds. In appearance the Minnesota King Corn is remarkably distinct, being a half Yellot Dent Corn. The kernels are very large, broad, and of a rich golden color. The ears of medium size, and always well filled to the tip. Many seed dealers offer Nebraska grown Minnesota King Corn at a low price, but such Corn will not mature here in our Northern latitude and is high at any price. We offer only our Minnesota grown King Corn at a very reasonable price: Qt., 10c.; 1 peck, 15c.; bu. $1.85; 2 bu., $4.00; sacks included. Prepaid by mail: Pkt., 5c.; lb., 15c.; qt., 30c.

MINNESOTA KING CORN—This Corn is pretty well known throughout the Northwest, and has given the best satisfaction wherever grown. Even in Illinois and Missouri it can be grown to the best advantage, for it is not only very early, but at the same time very productive, and never fails to yield a good crop. We have grown this Corn here in Minnesota for the last five years, and it never failed yet to bring us good results, no matter what the season was. On account of its healthy and vigorous growth in its early stage it can endure more drought, heat and cold weather than any other Corn, and being extremely early it is soon out of danger of frost. The stalks grow to a medium height, are rank and strong, and stand well even when they are blasted by the strongest winds. In appearance the Minnesota King Corn is remarkably distinct, being a half Yellot Dent Corn. The kernels are very large, broad, and of a rich golden color. The ears of medium size, and always well filled to the tip. Many seed dealers offer Nebraska grown Minnesota King Corn at a low price, but such Corn will not mature here in our Northern latitude, and is high at any price. We offer only our Minnesota grown King Corn at a very reasonable price: Qt., 10c.; 1 peck, 15c.; bu. $1.85; 2 bu., $4.00; sacks included. Prepaid by mail: Pkt., 5c.; lb., 15c.; qt., 30c.

MINNESOTA WHITE DENT CORN—This is an extra early White Dent Corn, maturing just as early as the Pride of the North, but yields almost as much as this on the open prairie and on poor and thin soils. It makes very good sized ears, with long and deep kernels growing very compact around it. It can be grown in the Northern climate, like that of Minnesota, Wisconsin and the Dakotas. We have grown it here in Minnesota now for several years, and it has always made sure and good crops, yielding considerably more, and being earlier than other kinds. It is a vigorous grower, taking strong hold in the ground, and averaging about 7 feet in height, producing good sized ears, which are well filled to the extreme end of the cob. We recommend it to all who wish a large, early, heavy yielding white Dent Corn. Qt., 10c.; peck, 65c.; bu. $1.85; 2 bu., $3.50; sacks included. Prepaid by mail: Pkt., 5c.; lb., 15c.; qt., 30c.
FLINT CORN.

SMUT NOSE FLINT CORN—The stalks will often bear from 2 to 3 ears, which are from 10 to 15 inches long, and very compact, well filled with good sized grain which is of a mellow, beautiful yellow color, with an increased reddish towards the tip of the cob. It is extra early and will ripen in 80 days if the weather is favorable. Price, express or freight: Qt. 15c.; peck, 75c., bu. $2.25; 2 bu. $4.50; sacks included. Prepaid by mail: Pkt. 5c.; lb., 20c.; qt., 30c.

TRIUMPH—This is a very early Flint Corn of bright yellow color, and will mature in 80 to 90 days from time of planting, according to condition of soil and weather. The ears average about 18 inches in length and are 14 to 16-rowed; the kernels are large and stalks of good height, and bear about 2 ears on the average. The stalks being very leafy, it makes also a good Fodder Corn. Price, express or freight: Qt. 15c.; peck, 75c., bu. $2.50; 2 bu. $4.50; sacks included. Prepaid by mail: Pkt. 5c.; lb., 20c.; qt., 30c.

MERCURY—A good yellow Flint Corn, very early, prolific, fair sized ear and small cob. It has been grown in Northern Minnesota and Dakota for the past six years with the best success and complete satisfaction. Price, express or freight: Qt. 15c.; peck, 75c., bu. $2.50; 2 bu. $4.85; sacks included. Prepaid by mail: Pkt. 5c.; lb., 20c.; qt., 30c.

MINNESOTA WHITE FLINT CORN—This is a very early 8 to 10-rowed White Flint Corn, remarkable for its long ears, which are 14 to 16 inches long, with small cobs. It is an extra heavy yielder; each stalk will bear 2 and sometimes 3 good sized ears. The ears are in perfect shape with straight and even rows, which are filled from tip to tip. Price, express or freight: Qt. 15c.; peck, 75c., bu. $2.50; 2 bu. $4.85; sacks included. Prepaid by mail: Pkt. 5c.; lb., 20c.; qt., 30c.

LONGFELLOW—FLINT CORN—This is a yellow variety Flint Corn of very handsome appearance. The ears are from 2 to 3 inches in length, and well filled with large and broad kernels. It is well known as a heavy producer of both fodder and corn on account of being very heavy, from 60 to 84 pounds per bushel, as well as ears. Price, express or freight: Qt. 15c.; peck, 75c., bu. $2.50; 2 bu. $4.85; sacks included. Prepaid by mail: Pkt. 5c.; lb., 20c.; qt., 30c.

FODDER CORN.

YELLOW ELEPHANT FODDER CORN—This is the best variety of Fodder Corn for the silo as well as to feed green or to cut up and cut in shocks, to be used as corn for cattle. It is a very productive, without growing over large like some of the varieties of Fodder Corn, and also grows and matures large sized ears, several of them often growing to a single stalk. The average height of this corn is from 8 to 10 feet, but the stalks do not grow thick and coarse, and can be handled quite easily with the corn binder. This Fodder Corn is very leafy and produces an enormous amount of fodder per acre. Dairymen and farmers will certainly prefer it to a corn grown on account of its long roots almost straight down into the soil. Its root system is better than any other corn and will always yield a big crop. Price, express or freight: Qt. 15c.; peck, 45c., bu. $1.25; 2 bu. $2.45; sacks included. Prepaid by mail: Pkt. 5c.; qt., 30c.

GIANT FODDER CORN—This corn grows very tall and leafy, and yields an immense quantity of fodder of excellent quality. Other varieties of Fodder Corn grow smaller and often throw out leaves that are just as large, but the Giant Fodder Corn grows from the chin up and has the most productive of the Giant Fodder Corn. It is a superior variety which results from the crossing of a number of different varieties. Price, express or freight: Qt. 25c.; peck, 50c., bu. $1.40; 2 bu. $2.75; sacks included. Prepaid by mail: Pkt. 5c.; qt., 30c.

RED COW FODDER OR ENSIAGE CORN—This is beyond doubt the best Fodder Corn, either to feed green right from the field, or to cut and cure in shocks, and is a pure white color. It is sweet, tender, and economical, and furnishes more nourishment than any other variety; has short joints and therefore an abundance of first-class cut. It will produce more Fodder Corn at any stage of maturity. It is adapted to every section of the country, although it will not thrive in the right state to cut and to take cure of it. It will make two and three good sized ears on every stalk. Hundreds of farmers and dairy farmers are using it every year and are never disappointed. Price, express or freight: Qt. 15c.; peck, 50c., bu. $1.40; 2 bu. $2.75; sacks included. Prepaid by mail: Pkt. 5c.; qt., 30c.

SWEET FODDER CORN.

Although this does not produce as heavy as the above-named varieties, this is of greater value for dairy farmers than common Fodder Corn, on account of its high feeding and milking producing quality. Many dairy farmers for their milk cows. They claim that this is the best Fodder Corn for their milk and furnish good milk. They do not consider any other Fodder Corn. This variety is planted largely and has given the best results. Price, express or freight: Qt. 25c.; peck, 50c., bu. $1.40; 2 bu. $2.75; sacks included.

EVERGREEN SWEET FODDER CORN—This is an early variety that will mature ears, and the stalk of the ears should not be overlooked. The stalk is straight and leafy, and full of nutrition. Price, express or freight: Qt. 25c.; peck, 50c., bu. $1.40; 2 bu. $2.75; sacks included.

EARLY SWEET FODDER CORN—This is an early variety that will mature ears, and the stalk of the ears should not be overlooked. Price, express or freight: Qt. 25c.; peck, 50c., bu. $1.40; 2 bu. $2.75; sacks included.

Red Cob Fodder Corn or Ensilage Corn.
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 with any other seed. If our Selected Northern Grown Seed Potatoes are planted 400 to 500 bushels can be as easily grown per acre as 100 to 150 bushels of 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 good time for planting. All orders for Potatoes are acknowledged as soon as 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 separate in one barrel.

EXTRA EARLY OHIO SEED POTATOES—This grand old and reliable Potato is too well known to require a lengthy description. Almost every farmer and potato grower has at least given it 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 early market Potato, and as such we place it at the head of our Potato list. Carloads of this standard early variety are shipped every year to Southern states for Seed Potatoes, and the product thereof shipped back again to our largest Potato markets in the Eastern and Northern states, where it naturally spoils the market for the home-grown Potatoes. The Southern Potato grower realizes that by planting our extreme Northern Grown Early Ohio, he will have his crop at least from 10 days to 2 weeks earlier ready for the market than if he would plant his own or more Southern grown stock. Our Northern Grown Early Ohio are vigorous and healthy and will naturally produce the largest crops and mature almost 2 weeks earlier than such as are bought up by seed dealers in the larger cities who pick them up in the open market, and as long as they have a reddish color and an oblong, an oval form, call them "Early Ohio." We have harvested a good crop of good and genuine Early Ohio Potatoes, and offer them at a reasonable price. Peck, 50c.; bu., $1.50; bbl., $4.75.

BLISS' TRIUMPH—This new, splendid early market Potato was originated several years ago in the state of New York, and there introduced first in the Southern states, where it is now one of the leading early market Potatoes, and always sells from 10c. to 30c. per bushel above the market price. It is claimed to be at least a week earlier than the Early Rose and the Early Ohio. The tubers are of a very handsome appearance, being almost round and most uniform in shape and size, with eyes slightly depressed, which are mostly on the seed end. Its color is of a pretty light red. Its beautiful appearance, wonderful productivity, and superior table qualities make it a favorite as an early market Potato wherever introduced. Being planted in the same field with other early varieties, it out-yielded them by far, although the tubers never grow over large. It produces at least from 12 to 15 tubers per hill, all of marketable size. It is a vigorous grower. Blight and potato bugs will not hurt it much, and it is entirely scab proof. Its flesh is of the purest white color, both raw and when cooked. We cannot recommend this new splendid Potato too highly, and everybody who does not give it a trial this year will find it to be to his disadvantage. Peck, 50c.; bu., $1.70; bbl., $4.50.

ACME—A splendid new variety of the Early Ohio class, originated several years ago. The tubers have the peculiar markings of the Early Ohio, but still are quite distinct from that variety. It is several days earlier in ripening than the Early Ohio, and can be marketed long before they are matured. When they are small yet, like walnuts, they will cook nice and mealy, and are of the finest flavor. The tubers grow fair to large, and are very uniform both in form and size, both seed and stem ends are round and full; skin is of a light pink to flesh color, with specks peculiar to the Ohio class, and the eyes flush with the surface. Although an extra early kind, it is an excellent keeper. For early eating and an early market Potato this splendid new variety cannot be too highly recommended. Peck, 60c.; bu., $1.80; bbl., $4.75.

For a description of the PRIDE OF THE SOUTH Potato see page of novelties, 37. This is an extra early Potato and a favorite wherever introduced.
THOROUGHBRED—This is an elegant new potato of the Early Rose type, and in every respect just as good, if not better, than the when first originated. The skin is of a beautiful pink color, shape oblong to long and very regular; the eyes, although large, are even with the surface. It is a rank and free grower of vines and tubers, with so much vitality and vigor that it is certain to make a good crop even in seasons of severe droughts. The tubers grow large to very large, and are of handsome appearance, and the table qualities are of the very best. It is a seedling of the Early Rose and claimed to be 30 days earlier than this. Besides being so early it is an enormousyielder and, in fact, all who have tried it consider it a perfect potato for early marketing; being of such extreme earliness, very large size and handsome form, they will always sell at first sight on the market.  

Peck, 50c.; bu., $1.70; bbl., $4.50.

EARLY MINNESOTA ROSE—Besides the Early Ohio no other potato had a better run in former years than the grand old Early Rose. Years ago when first originated, and quite a number of years afterwards, it used to be the standard of all the early market varieties, and for an early market potato nobody would hardly think of planting anything else but Early Rose. But as a general rule the market is not aware of it, and so it was with the Early Rose. By careless growing it gradually weakened and was finally so run out that it would produce only slim yields, and the tubers would be of very irregular shape, and be long and spindly. We offer this grand old Early Rose again with new blood, in its old time purity and productiveness, and claim that it is the same potato that it was years ago when first originated. They are of a handsome oblong form, very uniform in shape, and of a pretty pinkish color, and cannot be compared with the old run out Early Rose of irregular shape and faded reddish color. The table and market qualities of this grand old potato are unexcelled.  

Peck, 50c.; bu., $1.70; bbl., $4.50.

EARLY MINNESOTA—This is a very early Potato of the Beauty of Hebron type, but finer grained and better in quality. It is a grand old light flesh color with few and shallow eyes, very regular in shape, and of a handsome oblong form. The tubers grow nearly all to good marketable size with hardly any small ones. Year in and year out it is a heavy crop, and in favorable years will yield 400 to 600 bushels per acre. In quality it is unsurpassed, and boils nice, dry, and mealy like the Snow Flake or Freeman. It is a great favorite amongst Potato growers, as well as amongst consumers, and where this Potato has been introduced once, people cannot get along without it.

It is one of our standard early market varieties, and we ship large quantities every spring to Southern and Eastern Potato growers, who raise them for their earliest crop for the market. In some years the demand for this elegant Potato has been so great that we could not fill all orders.  

Peck, 50c.; bu., $1.70; bbl., $4.50.

SIR WALTER RALEIGH—One of Mr. Carman's latest and best—a seedling of the Rural New Yorker No. 2. It must be acknowledged that Mr. Carman has originated some of the most productive and finest potatoes ever grown, notably the Rural New Yorker No. 2 and Carman No. 3. It is a strong grower and first-class potato in form, strongly resembling the Rural New Yorker No. 2 in shape, but a little more buff in color. The flesh is whiter and of better quality. "It is from four to six days earlier than the Rural. It is more uniform and yields practically no small tubers—every one of marketable size. Whitest flesh 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 the best and heaviest cropper of forty-nine varieties; it only being the finest eating Potato but also the heaviest yielder. This is a Potato with new blood and new vigor and will outyield all other varieties. On account of its great merits the strain has a great future, and will surely become a standard market variety as soon as it is well enough known.

Peck, 50c.; bu., $1.70; bbl., $4.50.

BURBANK'S SEEDLING—One of the well-known large white, medium late potato of handsome long form, and shallow eyes. Its qualities as a market potato are unexcelled, and it always commands the highest market price. Tubers are very firm and fine grained, and therefore well adapted for shipping. In some potato growing sections here in the Western States it has been tried and shipped in carloads to Chicago and other larger potato markets. We have a pure and true seed stock of these.  

Peck, 50c.; bu., $1.00; bbl., $4.25.

ARCADIA POTATO—There is hardly another kind of potato grown which is as handsome and uniform in size and shape as the Arcadia. The tubers are of an oval shape, somewhat flattened, with few and shallow eyes that are almost flush with the surface, and the smoothest and most attractive potato ever offered. The potatoes grow from large to very large, and are of a nice and clear white color. It is a potato that will never scab, no matter if it is grown on an old and heavy manured soil. In maturing it is medium late and the tubers are of the most regular shape and size, with no small ones that are not marketable. In table quality it is equal to the Freeman and Snow Flake and in yield it excels most all other varieties. This potato originated in Newfoundland, from where we secured our seed stock several years ago.  

Peck, 50c.; bu., $1.70; bbl., $4.50.
CARMAN NO. 3 POTATO—For a main crop and late market Potato the Carman No. 3 cannot be recommended too highly. It combines all the good qualities of this root, and its size is at the same time be of the best quality obtainable. After giving Carman No. 3 a trial you will be convinced that this Potato will meet these demands in every respect. The tubers grow large to very large, and are of a regular oblong form, with few and shallow eyes, creamy white color, and its flesh is of extreme whiteness, both raw and when cooked. It boils nice and fluffy, like the Snow Flake and Freeman, and in flavor it ranks just as high as any of these. Although the tubers grow very large, they have neither hollow hearts nor dark parts, as generally found in large and coarse-growing varieties, but will boil nice and mealy all through. It is the most perfect keeper, and will keep until late in the spring without sprouting. The tubers set while the vines are small, but do not ripen until late. It has the advantage of developing such large tubers and yielding such heavy crops.

Peck, 50c.; bu., $1.70; bbl., $4.50.

LAKESIDE CHAMPION—Is a large and handsome Potato of an oblong to a long form, like the Early Rose, and of a handsome pink color. It originated on the west side of Lake Michigan, where it made quite a record as a heavy yielder and a choice market Potato. It is a heavy cropper and the large tubers grow close together in the hill, which makes their digging very easy. On account of being inclined to running the tubers close under the surface these Potatoes should be planted deeper than ordinary, as it will prevent their sticking out of the ground and getting sunburned. The tubers have a nice form, oblong to long; skin is of a nice pink color and eyes are prominent, though not deep; the flesh is fine white, both raw and when cooked and of the most excellent flavor. This elegant Potato being originated in the extreme North, it is perfectly hardy and will yield heavy crops under the most unfavorable circumstances, and will not be easily affected by blight, and not at all by potato scab or rot. It is intermediate in season, and for a good market Potato and Potato for late keeping it has no equal.

Peck, 50c.; bu., $1.70; bbl., $4.50.

RURAL NEW YORKER NO. 2—Is a large white-skinned variety, oval in form, and rather flattish; flesh is white and close grained, solid and of the very best quality, it cooking dry and floury; eyes are few and shallow. The tubers are large and the smoothest and cleanest of all potatoes grown. In fact, there is no other Potato of such handsome appearance as the Rural New Yorker. Although it is a large yellder, it grows but few and small vines. It is very hardy and will stand the heaviest manuring without getting scabby or spotted. For this reason it is one of the most desirable varieties for farmers and Potato growers near larger cities to grow for a main crop. Potato for the market. Under ordinary circumstances they will yield from 300 to 400 bushels per acre, and by heavy manuring this yield can almost be doubled. Peck, 50c.; bu., $1.70; bbl., $4.50.
Farmer Seed Company, Fairhaut, Minnesota.

CARMAN NO. 1—Is a seedling from seedings raised through the cooperation of many seed growers in the object of developing good and suppressing undesirable qualities. It resembles the Rural New Yorker very much in form and in having a reddish and shallow eyes. 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 are of the best table qualities. Skin is of a yellowish white color; flesh white and fine ginned and cooks extremely clean throughout, and dry and meaty. Like the Rural New Yorker, it will stand heavy manuring without getting scabby or spotted. The tubers will always sell itself wherever shown, and all those who have tested it will surely want it again. It is medium late in ripening. Peck, 50c.; bu., $1.70; bbl., $4.50.

PINGREE POTATO—This is a new variety introduced only lately, and is a very productive main crop Potato. In choice table and long-keeping qualities it is unsurpassed, and whoever gives them a trial would not like to be without them again. The introducers describe them as follows: "The PINGREE is a main crop Potato; is productive to an extraordinary degree. The tubers are bunched closely in growing, which materially lessens the labor of harvesting. The Potato itself is of the size and shape best liked in the leading markets. The skin is of a bright, light russet, which gives are few and nearly flush with the surface. In quality nothing can surpass it. In fact, in this particular we know of no sort that equals it. Its snowy whiteness when cooked, together with its dry and floury nature, has made it a favorite on every table where it has been tried."

We have grown the Pingree Potato for the first time last year, and although they did not do quite as well as the Carman No. 5 and Sir Walter Raleigh, we are well satisfied that it is a very good market Potato. It is intermediate in ripening, and is not affected by Potato blight, as many other varieties. Our stock of these is very good and you will be well pleased with them. Price: Peck, 50c.; bu., $1.70; bbl., $4.50.

SECOND SIZED SEED POTATOES—Last fall we had an unusually large demand for Seed Potatoes, and our Second Sizable Seed Potatoes are therefore mostly sold out. We have but limited quantities of THOROUGHRED, MINNESOTA, LAKE SIDE CHAMPION and BURBANKS' SEEDLING, which we can supply as long as our stocks last at $1.40 per bu. and $3.75 per bbl. Should our stocks of any of them, however, be sold out when your order is received, we reserve the right to send the money's worth of other quantities of the same kind, unless otherwise specified in your order.

POTATO COLLECTIONS—Our patrons ordering Seed Potatoes can select any 3 varieties at barrel price of each variety, and we will pack them separate in a barrel. And for the advantage and convenience of those who wish to try small quantities of our standard sorts we have put up our collections, each of which is composed of an extra early, a medium early and a late Potato, and in each collection the Potatoes are again different from the others.

COLLECTION NO. 2.

<table>
<thead>
<tr>
<th>Acme</th>
<th>4 pecks</th>
<th>1 Bbl., 11 Pecks, for only $4.50.</th>
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<tbody>
<tr>
<td>CARMAN NO. 1</td>
<td>4 pecks</td>
<td>1 Bbl., 11 Pecks, for only $4.50.</td>
</tr>
<tr>
<td>Burbanks</td>
<td>3 pecks</td>
<td>for only $4.50.</td>
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With every one of these collections we will put in one pound of any new or old variety of Potatoes that you may select from our Catalogue.

Seed Potatoes by Mail.

Many seed dealers make it a practice to send Potato eyes by mail. From actual experience, however, we have learned, that a better and more satisfactory method is to send whole tubers by mail. Potato eyes soon after being cut lose a great share of their vitality, by wilting and drying up, and those that are not spoiled before planting time make only a feable grow& and the whole operation can be performed without much trouble, unless they are shipped in coldar lots in refrigerators. It would be more satisfactory to our customers if in case Potatoes and other Seeds are ordered, that the quantities are large enough, as we have had many complaints, for if Grass Seeds and Grain are held until danger of freezing the Potatoes is over, it becomes rather late for the Grass Seed or Seed Grain.

With an order for six barrels or more of Seed Potatoes we give the Acme Hand Potato Planter for premium.

THE ACME HAND POTATO PLANTER—It is considered a good day's work for a man to plant three-quarters of an acre of potatoes in a day, and with this Planter a man can plant two acres in a day of ten hours and do it easier and better. The secret success of the Acme Hand Potato Planter is that IT MAKES THE HOLES, DROPS AND COVERS AT ONE OPERATION. "Almost as easy as walking," is the remark of many who have used it. The Acme is the Pioneer Implement of this kind; it is the tightest (weights but 2½ lbs.), strongest and most durable Hand Potato Planter made. Be sure and buy only the ACME Planter. Price, $1.15.
MANGELS or MANGEL-WURZELS — We pay especial attention to our stock of these, and this valuable crop deserves more attention. With a supply of Mangles and good straw, a very profitable crop can be raised cheaply and in fine form. 1,000 bushels to the acre is an ordinary yield, while with good culture, 2,000 bushels have been and can be grown on the same amount of ground.

Mangles are usually sown during April or May, in drills 3 feet apart and thinned to 10 inches in the row. Five pound varieties are needed per acre.

MINNESOTA TANKARD MANGEL — By careful selection we succeeded in establishing a strain of the well known Golden Tankard, which stands head and shoulders above all the other varieties. This Golden Tankard itself is considered the best Mangel grown, and our select- ed strain of this is superior to the Golden Tankard, and unequalled for yielding and feeding qualities. It is very much larger than the ordinary variety, 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 crop, and even to shape. The growth is vigorous. It is easily lifted and produces enormous crops. It can be used for excellence as a crop for root crop for feeding purposes, and it yields from 100 to 70 tons per acre.

We have made the price very low for this splendid Mangel, so it can be planted by everyone. If Mangles are planted at all, then plant only the best strains. Price, postpaid by mail: Pkt., 4c.; oz., 5c.; ½ lb., 15c.; 1 lb., 30c.; 4 lbs., $1.40. By express or freight: Lb. 30c.; 5 lbs., $1.25.

NEW GATE POST MANGEL — We have found this a valuable new Mangel, and consider it a standard and main crop variety. We call the attention of growers of Mangles to it, and ask them to give it a trial this year. It is a yellow, Tankard-shaped variety, and very productive and solid. Price, postpaid by mail: Pkt., 4c.; oz., 5c.; ½ lb., 15c.; 1 lb., 30c.; 4 lbs., $1.40. By express or freight: Lb. 30c.; 5 lbs., $1.25.

CHAMPION YELLOW GLOBE — For growing in shallow soil this is especially adapted. The roots are round or of globular form, and grow to a large size. It is very productive, easily pulled, and an excellent feeder. Price, postpaid by mail: Pkt., 4c.; oz., 5c.; ½ lb., 15c.; 1 lb., 30c.; 4 lbs., $1.40. By express or freight: Lb. 30c.; 5 lbs., $1.25.

RED GLOBE MANGEL — An early variety, producing smooth globe-shaped roots. Price, postpaid by mail: Pkt., 4c.; oz., 5c.; ½ lb., 15c.; 1 lb., 30c.; 4 lbs., $1.40. By express or freight: Lb. 20c.; 5 lbs., $1.10.

Sugar Beets.

KLEIN-WANZLEBEN — Grown in Germany from Beets which tested very rich in sugar, the best of the German varieties, and is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight, and even; quite large at the head and rapidly tapering. It is easy to dig. It has a very firm, white, rich flavor. Price, postpaid by mail: Pkt., 4c.; oz., 5c.; ½ lb., 15c.; 1 lb., 30c.; 4 lbs., $1.40. By express or freight: Lb. 30c.; 5 lbs., $1.25.

VILMORIN’S IMPERIAL — An improved French variety, exceedingly rich in sugar, and giving good and heavy yields. The Beets grow quite large, and are of nice even shape. Dairymen and others who object to feeding this sugar beet should give these Sugar Beets a trial. Price, postpaid by mail: Pkt., 4c.; oz., 5c.; ½ lb., 15c.; 1 lb., 30c.; 4 lbs., $1.40. By express or freight: Lb. 30c.; 5 lbs., $1.25.

A full variety of Carrots for Stock we have illustrated and described on page 30.

Hamilton, Mont., Dec. 11, 1890.—The seed I purchased from you was all right in every respect. I think every seed germinated, especially the Minnesota Tankard Mangel-wurzel. I did not weigh the crop, but from the one-fourth I harvested I preserved 11 wagon loads of roots, some of them measuring 16 to 18 inches in diameter. For stock feeding purposes they are nearly equal to the Sugar Beet, and for dairy cows I think they are the cheapest kind of seed we can get this year in any irrigation country. The Minnesota Tankard would be a leader for you in this country if you could get it properly introduced. It may make it so easy to harvest; it is an important seed. I am a first-class keeper, and in quality it is at least one-third better than the Improved Long Red, and for irrigating it requires only half the water than Sugar Beets, and other roots do. Yours truly.

W. A. STEWART.

Knives, Kan., Nov. 22, 1890.—I wish to inform you herewith that the Garden Seeds I received from you last spring have done very well. The Yellow Tankard-wurzel grew to an enormous size, and were very solid. The Market Gardener’s Beet and Victoria Carrot were fine. I never raised better Yellow Danvers and Red Wethersfield Onions than from your seed.

CHAS. OHLDE.
Aromatic, Sweet, Pot and Medicinal Herbs.

ANISE—Seeds have an agreeable aromatic odor and taste. Pkt., 3c.; oz., 7c.; ½ lb., 20c.

BASIL—Leaves are used for making a pleasant beverage. Pkt., 4c.; oz., 12c.; ½ lb., 50c.

BORAGE—Leaves used for flavoring; flowers furnish bee pastures. Pkt., 3c.; oz., 15c.; ½ lb., 40c.

BORAGE—Leaves used for seasoning. Pkt., 3c.; oz., 15c.; ½ lb., 50c.

BORAGE—Leaves are grown from seed, which are used for flavoring. Pkt., 3c.; oz., 15c.; ½ lb., 50c.

CHEURAL—Much used for tea, and other medicinal purposes. Pkt., 5c.

CARAWAY—Grown for the seeds, which are used for flavoring. Pkt., 3c.; oz., 10c.; ½ lb., 20c.

CHERRY—Used for flavoring and in salads. Pkt., 3c.; oz., 7½ lb., 20c.

CAROM or CAIMT—Leaves and young shoots used for seasoning. Pkt., 3c.; oz., 15c.; ½ lb., 50c.

DILL—Seeds have an aromatic odor and pungent taste. Pkt., 4c.; oz., 7½ lb., 20c.

DILL—Seeds are used in the manufacture of liquor and confectionery. Pkt., 3c.; oz., 15c.; ½ lb., 50c.

FENNEL—Leaves are used in fish sauces, soups, garnishes, etc. Pkt., 3c.; oz., 10c.; ½ lb., 22c.

FENNEL—Used in the manufacture of cough remedy. Pkt., 4c.; oz., 15c.

HYSSOP—Used for tea in asthma and chronic catarrh. Pkt., 4c.; oz., 15c.

LAVENDER—An aromatic medical herb. Pkt., 4c.; oz., 15c.; ½ lb., 50c.

MARJORAM—The young, tender tops are used green for flavoring, or they may be dried for winter use. Pkt., 4c.; oz., 15c.; ½ lb., 40c.; lb., $1.25.

PENNYROYAL—Has a pleasant and agreeable odor and flavor. Pkt., 4c.; oz., 25c.

*ROSEMARY—For medicinal purposes; good for fowls; for the croup. Pkt., 3c.; oz., 15c.; ½ lb., 40c.

*ROSEMARY—Leaves are used for seasoning. Pkt., 4c.; oz., 20c.

SAFFRON—Flowers are used in dyeing. Pkt., 4c.; oz., 15c.; ½ lb., 40c.

SAGE—For seasoning and dressing. Pkt., 4c.; oz., 10c.; ½ lb., 35c.; lb., $1.25.

SUMMER SAVORY—For flavoring soups, dressing, etc. Pkt., 4c.; oz., 8c.; ½ lb., 30c.

TANSY—Cultivated for its medicinal purposes. Pkt., 4c.; oz., 20c.

TARAGON—For seasoning and culinary purposes. Pkt., 5c.

THYME—The young leaves and tops are used for soups, etc., and a tea made from the leaves: a remedy for headache. Pkt., 5c.; oz., 15c.; ½ lb., 65c.; lb., $2.15.

TOMATO—For medicinal purposes. Pkt., 4c.; oz., 21c.; ¼ lb., 75c.

*Varieties with a (*) are perennials.

**Please note our very low prices for our large and well-filled packages, and our prices for ounces and one-quarter pounds are correspondingly low.

OUR LARGE VEGETABLE GARDEN—This includes the following thirty-five packages of Vegetable Seeds and one packet of beautiful mixed flower Seed. But will not be grown from seed. AND THESE THIRTY-SIX PACKAGES WE SEND POSTPAID BY MAIL TO ANY ADDRESS FOR ONLY ONE DOLLAR.

<table>
<thead>
<tr>
<th>Vegetable</th>
<th>Pkt. Each</th>
<th>Pkt.</th>
<th>1 oz.</th>
<th>½ lb.</th>
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<td>Wax Beans</td>
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<td>Green Potted Beans</td>
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<td>Early Beans, round, red</td>
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<td>Late Cabbage</td>
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<td>Carrot, early red</td>
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OUR SMALL VEGETABLE GARDEN—This includes the following seventeen packages of Vegetable Seeds and one packet of beautiful mixed flower Seed, AND THESE EIGHTEEN PACKAGES WE SEND POSTPAID BY MAIL TO ANY ADDRESS FOR ONLY 50 CENTS.

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<tr>
<th>Vegetable</th>
<th>Pkt. Each</th>
<th>Pkt.</th>
<th>1 oz.</th>
<th>½ lb.</th>
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<td>Wax Beans</td>
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<td>Early Garden Peas</td>
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<td>Early Sweet Corn</td>
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<td>Early Table Beets</td>
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These Vegetable Gardens are adapted for any garden, and a very great number of our customers plant them every year, as they contain just what they want. These varieties are of our own selection and we cannot make any change, considering the low price.

LARGE FAMILY GARDEN—Weight, packed separately for shipment, 6 lbs., price $2.00; transportation charges paid by purchaser.

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<th>Vegetable</th>
<th>Pkt. Each</th>
<th>Pkt.</th>
<th>1 oz.</th>
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<td>Cauliflower, early</td>
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<td>Celery</td>
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<td>Sweet Corn extra early</td>
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<td>Garden Cress</td>
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<td>Kohlrabi</td>
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<td>Kohlrabi Cucumber</td>
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<td>Long Cucumber</td>
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20TH CENTURY COLLECTION—Best and cheapest in the world.

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<th>Vegetable</th>
<th>Pkt. Each</th>
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<th>1 oz.</th>
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<td>Wax Beans</td>
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<td>Early Cabbage</td>
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<td>Late Cabbage</td>
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<td>Carrot</td>
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Premium Picture, an exact reproduction of a celebrated oil painting entitled "The Young Musicians," 8½x16 inches (for framing), or, if you prefer, "La France Rose," 8½x16 inches, in its natural colors, sold in the art stores for 50 cents each. This collection and the Premium Picture, postpaid, for only $1.00.
THE FARMER SEED CO.'S LIST OF NOVELTIES AND SPECIALTIES.

In presenting our Catalogue for this season we have selected (at great expense) the cream of the Vegetable and Floral world, and our prices will be found to be very low, considering the expense attending the improvement on all varieties, and the securing of new sorts from distant lands.

HOUSER CABBAGE.

HOUSER CABBAGE—A new and entirely distinct round late Cabbage, the largest, hardest-heading, fine grained known. Originated by Mr. Houser, one of the most successful market gardeners in the east. The heads are large, weighing on average 18 to 20 pounds. They grow so compact and free from spreading leaves that fully 500 more heads can be obtained to the acre than with other late sorts, and in solidity cannot be excelled even by the Danish Ball Head. Heads measuring 36 inches in circumference had hearts measuring only 2 inches. This late Cabbage is perfect in every respect as to size, weight, quality, sure heading, smallness of heart and long keeping.

OUR CLAIMS.

FIRST, LATENESS. It is the latest of all large Cabbages, being at least two weeks later than any strain of the Late Flat Dutch type.

SECOND, SOLIDITY. It cannot be excelled in this particular, even by the Danish Ball Head. It is very compact, each leaf well overlapping the head.

THIRD, SIZE. It is fully as large as any of the late varieties, the heads averaging 18 to 20 pounds; many specimens have been grown to weigh 25 to 30 pounds.

FOURTH, SHAPE. The heads are round and deep through, and should any of the heads crack it is always at the stem end, which does not destroy its use for market. The heart extends only 2 to 2½ inches into head (see illustration).

FIFTH, QUALITY. The main feature of a good Cabbage is tenderness; in this respect it surpasses all others; it is free from that coarse rib always found in late Cabbages.

SIXTH, YIELD. By reason of its compact habit of growth, and its freedom from loose leaves fully 500 to 800 more heads can be grown to the acre. Fully 85 per cent in an ordinary season will make merchantable heads. DO NOT FAIL TO GIVE THE HOUSER A TRIAL. Pkt., 10c.; oz., 60c.; ½ lb., $1.00.

The following testimonials are furnished us by the introducer of the Houser Cabbage:

I have 10,000 Danish Cabbage and 4,000 Houser Cabbage planted and find yours far the best—more heads and finer quality. I can recommend your Houser above all others.

Sept. 30, 1901.

S. T. BOKE, Muscatine, la.

Your Cabbage did excellently. The weather here was very wet this season. My neighbor's Cabbage burst and rotted, while yours kept solid. It is the very best late Cabbage that I ever saw.

Oct. 7, 1901.

F. H. KEPHART, Kephart, Pa.

The Houser Cabbages are doing finely. A neighbor looked at them to-day and said they were "beauties." Shall want more seed next season.

Oct. 2, 1901.

W. O. BARBER, Torrington, Conn.

The Houser Cabbage is something wonderful. I have 3,000 heads as a trial, and they are the best that grow.

Oct. 2, 1901.

D. H. PARLETT, Scalp Level, Pa.

Your Houser Cabbage cannot be recommended too highly. It possesses all the qualities mentioned in your catalogue. One of its best merits is its keeping qualities. I kept it until the last of April; the reason it did not keep longer was because we ate it.

Oct. 7, 1901.

MYRTLE SMITH, Saville, Pa.

I never had such nice Cabbage as the Houser. The heads are very large and as hard as a rock. They do not crack open as most large headed Cabbages do.

Sept. 27, 1901.

PHILIP BURNOX, Herkimer, N. Y.


**CABBAGE.**

**STONE MASON DRUMHEAD**—by many gardeners this is considered one of the most reliable varieties for fall and winter use. The plants are 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 market gardener. We have taken great care in selecting heads for seed, and our stock, we believe, is unequalled by any other firm. In the vicinity of Boston it is grown almost exclusively by market gardeners for winter use. Pkt., 5c.; oz., 25c.; ½ lb. 75c.; lb., $2.50.

**EARLY SPRING CABBAGE**—An extra early flat headed variety, coming in with the Wakefield, and yielding a third more than any of the other extra early sorts. It has all the merits of the Early Summer, has only 4 or 5 outside leaves, so that it may be successfully planted 21 inches apart or about 11,000 to the acre. It is wonderfully uniform in shape and almost entirely edible. Very finely grained and has the peculiarities of heading firmly at an early stage in its growth so that though small, with its remarkable solidity, it can be cut long before maturity. Its compact form, good quality and earliness, together with a large yield per acre, renders it valuable for market gardeners as well as the private garden. Pkt., 10c.; oz., 60c.; ½ lb., $2.00; lb., $6.00.

**MARBLEHEAD MAMMOTH CABBAGE**—This is the largest variety of the Cabbage family in the WORLD; heads have been grown so large that they could not be got into a two-bushel basket, having a diameter two inches greater; 20 and 40 lbs. is no uncommon weight for the Mammoth, and in some instances, over 50 lbs. Pkt., 8c.; oz., 25c.; ½ lb., 55c.; lb., $2.00.

**BEANS.**

**THE NEW STRINGLESS GREEN POD**—New and desirable. Just the Bean for amateurs. An extra early variety that is certain to give entire satisfaction. Ready for market about two weeks earlier than the old varieties. It is positively stringless, and remains tender and crisp longer after maturity than any other variety. Several tests since its introduction enables us to speak in highest terms of its qualities. The pods are of pale green, long and straight, perfectly round and meaty, maturing with the earliest of the green pod varieties. Not only is it a valuable market gardener’s sort, but certainly an acquisition for the amateur. A Bean that cannot be too highly recommended. Pkt., 5c.; ½ pt., 15c.; pt., 25c.; qt., 45c.; postpaid; pk., $1.55.

**VALENTINE WAX BEAN**—Our experience has proved this Bean to be remarkably early plant. The pods are thick and fleshy, with but very little string; the plant is vigorous and productive, and it is a popular sort wherever known. Pkt., 5c.; ½ pt., 15c.; pt., 25c.; qt., 45c.; prepaid; pk., $1.75; bu., $6.50.

**CHALLENGE BLACK WAX BEAN**—The best early Wax Bean for the market garden. In growth and general appearance the plants are the same as the old Black Wax or Butter Bean, but are earlier and more productive. The pods are clear wax-white, quite round, very fleshy, crisp, tender and stringless. The dry Bean is jet black, longer, more curved and flatter than the Prolific German Wax. Pkt., 5c.; ½ pt., 15c.; pt., 25c.; qt., 45c.; prepaid; pk., $1.75; bu., $6.50.

**PEAS.**

**TALL MELTING SUGAR**—Well deserves its name, for this Pea is unquestionably the best in size of pod, prolific bearing, and delicious quality. They snap without any string. The pods when cooked are very sweet and tender. Pkt., 5c.; ½ pt., 12c.; pt., 20c.; qt., 40c.; postpaid.

**HORSFORD’S MARKET GARDEN**—A grand wrinkled variety, coming in between Little Gem and Advance. Two feet high, very regular in growth. It is a prolific bearer, and has yielded more shelled peas per acre than any other American variety. The pods are numerous, and are literally packed with peas of a delicious sweet flavor. (See cut) Pkt., 5c.; ½ pt., 12c.; pt., 30c.; qt., 35c.; postpaid; pk., $2.00; bu., $7.00, not prepaid.
PEEP O' DAY—New this year. Described as the “EARLIEST ON EARTH.” Originated in Minnesota. Offered in Minneapolis market 5 to 7 days earlier than any other well known extra earlies. Five inches long, perfectly formed, well filled. Tender and sweet. Pkt., 5c.; ½ pt., 12c.; pt., 20c.; qt., 35c., prepaid; pk., $2.00, not prepaid.

CUMBERLAND CUCUMBER—We believe this to be the best pickling Cucumber ever produced. The variety is of the hardy White Spine type, is a rapid, strong and vigorous grower and very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines over the entire surface, except the extreme stem-end; and during the whole period of growth, from the time they first set until fully grown, the form is exceptionally straight and symmetrical, thus being as choice for a slicing variety as it is for pickles. The flesh is firm, but very crisp and tender at all stages.

Price: Pkt., 10c.; oz., 25c.; ¼ lb., 75c.

KLECKLEY’S SWEET WATER MELON—Large oblong Melon, 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white, lying close to the rind, leaving a large solid heart which does not crack open when ripe. The scarlet flesh 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 TO-DAY. Monte Cristo is very much like it. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; ½ lb., 35c.

EARLY CYCLONE CUCUMBER—It is very hardy, and probably the most prolific of all varieties. In addition to being so wonderfully prolific, it is very early, and the Cucumbers retain their beautiful green color longer than any other sort. It is one of the very best varieties for slicing, as it is very crisp and of good quality, and as it produces fruits of medium size it is likely to be of much value for pickling purposes.

Price: Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; ½ lb., 35c.

NEW “ICICLE” RADISH—Entirely distinct; long, blander, pure white; very early; much the earliest and finest long white. It is ready for use fully as early as the Long Scarlet Short Top, with less foliage, rendering it most desirable for forcing. In the open ground the roots continue brittle, crisp and mild, until they are fully as large as those of the Long Cardinal. It is ready for use following the olive-shaped Earliest White, and is destined to become a leading variety.

In recent years strains of White Wood Frame and White Chartiers have been introduced and found of poor quality, but the Icicle is perhaps superior to the finest red ones. Roots pure snowy white, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor until fully six inches long and an inch in diameter. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.15.

WATER MELON.

BLACK DIAMOND—A cross between Kolb’s Gem and Hoosier King. All that could be said of the Kolb’s Gem as to good shipping qualities can be truthfully stated in a higher degree of the Black Diamond. All the praise of high quality bestowed on the Sweetheart can be repeated of our new Melon; but its prominent point of merit is its EXTREME SIZE—no Melon ever yet produced anything like so uniformly large fruit nor approached it in productivity. Melons weighing from 75 to 90 pounds are frequent. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; 5 lb., $3.25.
NEW ASPARAGUS—BONVALLET'S GIANT—This new Asparagus is bound to be generally grown as soon as its superior qualities are known. It originated with Mr. Bonvallet, a noted French Asparagus grower, who has shipped his excellent Asparagus to Chicago for a great many years, where it always brought higher prices than local "grass." It has been selected on the following points: Extra large size, vigorous growth, and, above all, great resistance to blight, which is now attacking Asparagus plantations all over the country. It is a cross between Palmetto and Liberty, and the product is, we believe, combining the best qualities of both.

The culture of Asparagus from seed is by no means a difficult process, any person who will give it the proper attention and culture will be rewarded with a very good crop. We do not attempt to grow this crop from the roots, although they are a most desirable vegetable, for the reason that unless the season is favorable they sometimes fail to mature the fruits. This excellent variety, however, is not free from troubles; it is a very hardy, early worker, and ready to be sowed as soon as the weather is favorable. It is fully equal in quality, however, and what it lacks in size is made up in productiveness.

NEW CUCUMBER EMERALD—This new variety is strictly an evergreen, holding its color until fully ripe. The flesh being peculiarly crisp and tender, and the flavor delicate, highly recommend it as a slicer. The young fruit makes an excellent pickle, and when ripe none excel it for a sweet pickle. For long distance shipping it will prove a boon, on account of holding its deep green color so much longer than any of the yellow or white variety of cucumbers. It is almost entirely free from warts and spines, so much so that it may be called spineless.

EARLY ROUND PURPLE EGG PLANT—The earliest variety in existence. The first flavor in our experience of any person who do not attempt to grow like the Plants, although they are a most desirable vegetable, for the reason that unless the season is favorable they sometimes fail to mature the fruits. This excellent variety, however, is not free from troubles; it is a very hardy, early worker, and ready to be sowed as soon as the weather is favorable. It is fully equal in quality, however, and what it lacks in size is made up in productiveness.

THREE GREAT ONIONS—Cannon Valley White Globe, Cannon Valley Yellow Globe, and Cannon Valley Yellow Yellow, mixed in equal proportions. These Onions are the finest in the land, and are produced from several years' selection of the finest bulbs. You get an assortment of the best. They are highly productive, by purchasing the mixed seed, and the Onions when grown are easily separated. If you wish, we will sell the varieties separate, same price as the mixed. Pkt., 10c.; oz., 25c.

TURNIP—CRYSTAL WHITE—The best variety ever introduced for table use. Flesh is solid, crisp, fine grained and sweet. In all our experience in the growing and testing of various varieties of Turnips for table purposes we have never come across anything that equalled Crystal White. It grows rapidly, matures early, and, as shown in our illustration, is a pure white variety and almost round in shape, although at times the Turnips are a trifle more oblong than normal, but still fine. It is of most delicious quality imaginable. In ordinary seasons it will mature in five or six weeks, and while the bulbs are not quite so large as some sorts they more than make up in quality what they lack in size.

If you wish a splendid table Turnip you will find Crystal White all that can be desired. Pkt., 10c.; oz., 25c.; lb., 60c.; lb., $1.75.

NEW "HEART O' GOLD" SQUASH—A very distinct and beautiful new Squash. The vines are strong, vigorous and healthy, which enables it to resist the ravages of borers successfully. It is also very productive, and freedom in setting fruit. The color of the fruit is a rich reddish orange, and the shape is not only attractive, but in cutting and cooking, there being little or no waste. The flesh is very deep, with small seed cavity, of excellent quality, either for pies or as a vegetable. Pkt., 10c.; oz., 30c.; lb., 50c.

NEW RADISH—TAMOCHI—This variety is one of the most attractive ever introduced for market purposes. The color is a deep orange-red, which makes it highly desirable for cultivation. The foliage is something rare, especially when comparing it with the best red Radish on the market, and it is a very special Radish for market, and the upper part of the leafy green is of the finest quality. The new variety is both unique and useful. It is very early, being a "Twenty Day" Radish, of globular form and its tops are very short, which makes it valuable for cultivation. The roots are smooth, firm, and the skin is very crisp and solid and of mild flavor. Its most distinctive feature, however, is the unique color of the skin. The ground color is pure white, striped horizontally by bright scarlet. It is a most attractive ornament for the table, and market gardeners will find ready sale for it. Some of the roots may come in solid color, the strain not being quite "fixed" yet. Pkt., 10c.; 3 pkts., 25c.

HORNED AFRICAN CUCUMBER—The vine is handsome and exceedingly luxuriant. One hill will cover a trellis at least 10 feet square with a solid sheet of dark green through which the sun cannot penetrate. It is the fruit, however, which is the most curious and distinct feature. It averages, when mature, about 4 inches long by 2½ inches in diameter, and is covered with strong protruding points or horns. The skin is perfectly smooth and of a very deep dark green, except around the base of the horns, where minute white dots form circles in curious mosaic patterns. When the fruits ripen they turn a brilliant orange and yellow, in speckled and clouded effects, and are then highly ornamental. These ripe fruits are of great value for decorative purposes as they will keep sound and perfect for weeks. The young fruits make most excellent pickles, and from this state up to their full size they can be eaten, the same as ordinary Cucumbers, and are tender and delicious. It cannot be too highly commended, and everybody should grow it where ordinary Cucumbers fail. Pkt., 10c.; 3 for 25c.

HORNED CUCUMBER—The vine is handsome and exceedingly luxuriant. One hill will cover a trellis at least 10 feet square with a solid sheet of dark green through which the sun cannot penetrate. It is the fruit, however, which is the most curious and distinct feature. It averages, when mature, about 4 inches long by 2½ inches in diameter, and is covered with strong protruding points or horns. The skin is perfectly smooth and of a very deep dark green, except around the base of the horns, where minute white dots form circles in curious mosaic patterns. When the fruits ripen they turn a brilliant orange and yellow, in speckled and clouded effects, and are then highly ornamental. These ripe fruits are of great value for decorative purposes as they will keep sound and perfect for weeks. The young fruits make most excellent pickles, and from this state up to their full size they can be eaten, the same as ordinary Cucumbers, and are tender and delicious. It cannot be too highly commended, and everybody should grow it where ordinary Cucumbers fail. Pkt., 10c.; 3 for 25c.
THE "MAYFLOWER" VERBENA—This is of the same trailing habit as the Arbutus or Mayflower, its branches creeping over the ground and hugging it closely. Its blossoms appear in clusters at the ends of the creeping vines, and are of the same shape and about the same size. The new Verbena Mayflower has all these characteristics, with the additional merit of possessing the same lovely and delicate pink and white coloring, making its flowers closely like the Arbutus, and, last, it has the same exquisite fragrance. This makes it one of the most fascinating flowers in cultivation, and a satisfactory substitute for the Trailing Arbutus. Our seed is from Mr. Burbank's own saving.

BURBANK'S "NEW FRAGRANCE" VERBENA—Mr. Burbank says: "This came originally from "Mayflower Verbena," but is improved by selection, so that a greater percent are fragrant and highly valued. It was originated by that famous horticulturist, Luther Burbank, who pronounces it one of the greatest achievements of his work in hybridizing and growing new flowers and fruits. Pkt. (25 seeds), 10c.; 3 for 25c.

"CUT AND COME AGAIN" SUNFLOWERS—Helianthus annuus. New types. These improved profusely-flowering, branching single Sunflowers are becoming exceedingly popular, not only for showy display in the garden, but for cut flowers. The plants form many branched pyramidal bushes 3 to 4 feet high, bearing from base to summit a continuous succession of flowers from June until frost, veritable pyramids of gold. The perfectly formed single flowers, 3 to 4 inches across, are poised on long, graceful stems, which "vase" beautifully. They are invaluable for cutting and the commencement to flower in a few weeks from seed. (See cut.)

WHITE STAR—Almost pure white with black eye...Pkt., .15

SRIUS—Lemon-yellow with dark center...Pkt., .10

MARS—Intense golden yellow with dark eye...Pkt., .10

CACTUS-FLOWELED—Quilled and twisted petals—cream, lemon and golden flowers with dark centers—very aesthetic. Pkt., .10

PERKEO—Marigold plant only 12 inches high by 18 inches in diameter; flowers 3 inches across, golden with black eye...Pkt., .20

MIXED "Cut and Come Again" Sunflowers, all colors and new types...Pkt., .10

EARLY WHITE MAY RADISH—This is not only the earliest White Radish, but the earliest of any color, good sized Radishes having been pulled in from 15 to 18 days after sowing. The Radishes are pure white, oblong, crisp and tender. The tops are small, which renders them suitable for forcing and admits of close planting. Very desirable. Pkt., 5c; oz., 15c; 1/2 lb., 35c; lb., $1.25.

THE NEW CENTURY TOMATO—Best extra early Tomato in existence. This is a distinct variety; the fruits are of uniform size and form, very large and apple-shaped, almost round, and a beautiful bright scarlet color, as smooth as glass, and always free from cracks. They have only small seed cavities with comparatively few seeds. The solidity and firmness of the flesh makes them ONE OF THE BEST VARIETIES FOR SHIPPING, they are also WONDERFUL KEEPERS. The flavor is excellent and free from acidity. The fruits ripen very early, fully as early as the Atlantic Prize, and are borne in large clusters in great abundance and continuously until killed by frost. THIS IS ONE OF THE HEAVIEST CROPPERS. Vines are large with quite large dark green leaves; they are of very vigorous and healthy growth, and drought or blight do not affect them. The NEW CENTURY is the BEST family Tomato FOR THE HOME GARDEN, the best kind to grow FOR THE MARKET, and is ADMIRABLY ADAPTED TO CANNERS' USE. Prices: Pkt., 15c; 2 pks. for 25c; 1/2 oz., 35c; oz., 60c.
One of the best cut flowers.

NEW GIANT FRAGRANT CENTAUREA—Centarea Imperialis—
This new Centaurea, a cross between C. Moschata and Margaret, represents the best that has been produced in these beautiful summer-blooming plants. The bushes are about four feet high, of enormous dimensions and are COVERED WITH LARGE, BEAUTIFUL FLOWERS of the form and fragrance of Centaurea Margaret. THE FLOWERS WILL KEEP FOR OVER A WEEK IN water, if cut just when they are about to open. It is the easiest culture, which cannot be said of C. Margaret. The color variation is very great, almost infinite. When well known there will be no garden without this beautiful new flower. If a package is sown every two or three weeks until July a constant succession of bloom can be had throughout the whole summer and fall.

THIS IS ONE OF THE BEST NOVELTIES EVER SENT OUT.

We can furnish them in the following colors:

- PURE WHITE. One of the best white flowers for cutting; extremely large, sweet and beautiful.
- ARMIDA. Very delicate color, pink with white tinge.
- FAVORITA. Brilliant rose.
- GRAZIOSA. Intense dark lilac.
- SPLENDENS. Brilliant dark purple.
- VARIABILIS. White, marked purple, fading to rose.

PRICE OF ANY ABOVE 6 KINDS: Per oz., 75c; ½ oz., 25c; pkt., 10c. Any 3 pkts., 20c; 6 pkts., 1 of each kind, for 35c.

NEW GIANT FRAGRANT CENTAUREA. ALL COLORS MIXED: Per oz., 60c; ½ oz., 20c; pkt., 5c.

THE CHINESE KUDZU VINE—Pueraria Thombsiana—
One of the most rapid of all climbers. Perfectly hardy, with large leaves and beautiful Wis-taria-like purple flowers of delicious sweetness. Pkt., 10c.

CANDY TUFT LITTLE PRINCE—It appears like the Giant Hyacinth-Flowered, illustrated below. The bushes grow only about 6 inches high, the spikes are very massive, pure white and planted in a row or in mass the effect is very fine. It also makes a fine pot plant. Pkt., 10c; ½ oz., 25c.

LITTLE BROWNIE MARIGOLD—One of the prettiest and handsomest of the Marigolds. The plants grow 6 inches high, are insect and drought proof and will bloom from the middle of summer until late in fall. Flowers rich, golden yellow marked with velvety brown. Pkt., 5c.
PREMIUMS, NOVELTIES AND SPECIALTIES.

Every farmer needs one of these handy little implements for sowing Clover, Timothy and other Grass Seeds. Even if you have an extra attachment for your Grain Seeder or Drill you should have one of these little hand Seeders, as you cannot sow all kinds of Grass Seeds as such as Meadow Pocse, Bromus Inermis, Red Top, etc., with these attachments, but only Timothy, Clover and sold Seeds.

When farming is carried on on a small scale there is no need of buying an expensive broadcast Seeder, as these little machines meet all the requirements, sow all kinds of Grain, Flax and Grass Seeds perfectly.

THE CYCLONE SEEDER—A machine which should be very useful is so simple in construction that a boy can use it; it is light, strong and durable, and with ordinary care will last a lifetime. It will sow Timothy, Clover, Millet, Hungarian, Grass Seeds of all kinds, as well as Flax, Wheat, Oats, Rye, Buckwheat, Turnips, Corn, Bone Dust, and all other grain or seeds perfectly even and any desired amount to the acre. Any desired quantity, from one quart to three bushels, can be sown per acre by following the simple directions on the machine. Price only $1.50; 3 in one order, $4.25.

Any one of the above described Seeders can be had as premium with an order for $20.00 worth of Clover Grass Mixtures, at catalogue prices, selected from pages 5, 10 and 11. On page 11 this is more definitely explained. Please notice that we also offer a fine and highly ornamental mantel clock with $20.00 worth of Clover Grass Mixtures instead of the Seeder.

SCHOFIELD'S SCIENTIFIC KNIFE AND SCISSORS GRINDER.

For many generations housekeepers have been vexed with dull knives and scissors. But this woe is now past, for with our "SCIENTIFIC" KNIFE AND SCISSORS GRINDER 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, and save your ten cents that you usually pay to have it done.

This fact has brought this little machine into great demand. Whenever it has been introduced, and wherever it is in demand, dealers have found it a very rapid seller. No housekeeper, after knowing its real merit, will think of doing without it, for everybody recognizes that this price we are asking is not nearly commensurate with its real value.

Price $1.00, per freight or express, at purchaser's expense.

We also offer this Grinder as a premium with a $20.00 order of Seed Grain and Seed Potatoes at catalogue prices, selected from pages 18 to 30 of our catalogue.

CORBIN'S DEHORNING PENCILS.

Farmers, dehorn your calves by using Corbin's Dehorning Pencils. Every pencil warranted to dehorn 50 calves, if used according to directions. It acts without pain or loss of appetite. Calves should be dehorned from 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 don't take half the room to shed them in the winter, and when you come to sell them they will bring $2 a head dehorned. Sawing horns off of cattle is considered barbarous, and should be stopped by dehorning when young. The manufacturer agrees to forfeit $5.00 for every calf in which his Dehorning Pencil fails to dehorn. Each Pencil will dehorn 40 calves. Price per Pencil, $1.00, prepaid by mail.

As to the reliability of the Dehorning Pencil described here we refer you to the following well known parties:

M. C. Howard, Camura, Wls.
M. W. Clare, Niobra, Neb.
John Wasson, Maquon, Ill.
Dean Hubbert, Douglas, Ill.
Mrs. Hitchcock, Douglas, Ill.
Philip Currant, Greenbush, Ill.
Hugh A. Sloan, Yates City, Ill.
John Wolf, Maquon, Ill.

William Simmona, Greenbush, Ill.
L. J. Cutler, St. Augustine, Ill.
H. Herrod, St. Augustine, Ill.
John Haines, Zanesville, Ohio.
Samuel McCallins, Zanesville, Ohio.
James Hill, Columbus, Ohio.
George Cox, King City, Mo.
G. F. Eustis, Prath, Minn.
PREMIUMS, NOVELTIES AND SPECIALTIES.

The extremely low price at which watches and clocks are sold nowadays in larger quantities to wholesale dealers in jewelry, induced us to place a larger order with one of the most reliable watch factories in the East, so that we are enabled to offer two of the most elegant watches and the most ornamental bronze mantel clock to our patrons for premiums on certain orders for seeds (particulars are given below), and also for an extremely low cash price that even wholesale jewelers cannot meet out prices on them. Thus, whatever other things of merchandise, the difference is apt to be merely in the price and not in the quality.

The movement of a $20 to $25 watch hardly ever costs any more than the movement of a $2 or a $3 watch, and it is exactly the same with the gold plating used on the cheaper as well as on the more expensive watch cases; but if you want a solid gold watch it costs you at least $50 to $60.

In the clock and watches described below you certainly get the best value for the price you have ever seen.

LIBERTY BELL, MANTEL CLOCK.

This handsome mantel clock is elegantly finished in bronze, making the best ornament for the parlor and sitting room. It is a very durable clock, never getting out of order, and a very correct timekeeper. We have had one of these clocks upon our shelf for several years already, and it has kept excellent time and never was out of order. We know that everybody will be well pleased with it.

We offer this handsome mantel clock as a premium with a $20 order of our Clover-Grass Mixtures at catalogue prices, selected from pages 9, 10 and 11, and also with a $30 order for Farm Seeds and Seed Potatoes, selected from pages 15 to 33 of our catalogue.

Please notice that Timothy and Alyske, and Timothy and Red Top Mixtures, also all Clover and Grass seeds are excluded from the above offers, as these are sold on a very small margin; but Vegetable and Flower Seeds and Seeders may be included.

By making a club order, inducing your neighbors to order with you together, you will surely be able to secure one of these handsome and valuable premiums described on this and the previous page.

In order to enable those who cannot use such large quantities of Seeds, to secure this handsome mantel clock, we make the following offer: For every dollar that you are short on $20 to secure this premium with Clover-Grass Mixtures, send us $1.50 cents extra. For every order for Clover-Grass Mixtures should be only $10, send us 75 cents extra.

If this clock is ordered separate it will be sent per express, but if ordered with Seeds it can be packed with them together and be shipped per freight.

Our cash price of this handsome mantel clock is only $1.50.

These two upper cuts represent the "Puritan" watch, the handsomer and more becoming of the graved gold plated watch ever offered, for an extremely low price. The movement is of regular 16 size and only ½ of an inch in thickness. Phosphated (the smallest ever made), American lever escapement, polished and gilt encaised in brass, single fusee with very small margin; but Vegetable and Flower Seeds and Seeders may be included.

By making a club order, inducing your neighbors to order with you together, you will surely be able to secure one of these handsome and valuable premiums described on this and the previous page.

In order to enable those who cannot use such large quantities of Seeds, to secure this handsome mantel clock, we make the following offer: For every dollar that you are short on $20 to secure this premium with Clover-Grass Mixtures, send us $1.50 cents extra. For every order for Clover-Grass Mixtures should be only $10, send us 75 cents extra.

If this clock is ordered separate it will be sent per express, but if ordered with Seeds it can be packed with them together and be shipped per freight.

Our cash price of this handsome mantel clock is only $1.50.

The movement of this watch is exactly the same as that of the "Puritan," is also a 16 size, 3-inch watch, stem winder, the only difference being in the engraving, as the Champion has a plain open face and Roman dial, hour, minute and second hands, quick train movements, and in many ways the latest and the best improvements, is a reliable timekeeper and will last as long as a lifetime. Every watch has been carefully tested, timed and regulated, and a guarantee is in back of each case. This watch we offer also, the same as the Little Seeder and the handsome Mantel Clock, as premium on $20 worth of Clover-Grass Mixtures ordered at catalogue prices from pages 9, 10 and 11, and with an order for $30 worth of Farm, Vegetable and Flower Seeds and Small Fruit Plants, selected from pages 15 to 72, at catalogue prices.

If your order should not be large enough to secure any of these premiums then it is an easy matter to induce your neighbor to send his order with yours, or you may add 7½ cents for each dollar short on $20 extra, to the amount of your order to get this premium.

We sell this watch for the low cash price of $1.50.
Asparagus Seed.

Asparagus is one of the earliest spring vegetables, and would be in universal use were it not for the mistaken idea that it is difficult to grow. It delights in moist sandy soil, but can be grown in any garden by following the directions given here. A bed 15x20 feet, requiring about 100 plants, should give an abundant supply for an ordinary family.

CULTURE—Beds are usually formed by setting plants one or two years old, which can be procured of us, but if you wish to grow them yourself, pour hot water on the seed and allow it to stand until cool, pour it off and repeat with fresh hot water once or twice and then sow in drills one foot apart and two inches deep in light rich soil. When the plants are well up, thin to about one inch apart, and give frequent and thorough cultivation during the summer. If this has been well done, the plants will be fit to set the next spring. The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. If the subsoil is not naturally loose and friable, it should be made so by thoroughly stirring with a subsoil plow or the spade. Set the plants about four inches deep and one to two feet apart in rows four to six feet apart. After the plants are well started give frequent and thorough cultivation. Early the next spring spade in a heavy dressing of manure, and one quart of salt to each square rod and cultivate well as long as the size of the plants will permit or until they begin to die down. The next season the bed may be cut over twice or three times, but if this is done, all the shoots, no matter how small, should be cut, and, after the final cutting, give a good dressing of manure, ashes and salt, and frequent cultivation till the plants meet in the rows. In autumn, after the tops are fully ripe and yellow, they should be cut and burned. The next season the bed should give a full crop, and if well cultivated and manured will continue to do so for a number of years.

Asparagus, Columbian Mammoth White.

Asparagus and Its Culture.

Our prices include postage on packets, ounces, quarter pounds and pounds; also, half pints and pints. Quarts and larger quantities of Peas, Beans and Corn, add at the rate of 15 cents per quart if to be sent by mail.

Artichoke Seed.

Artichoke—Produces large, globular heads, which are cooked and prepared as asparagus. Pkt., 4c.; oz., 10c.; 1/2 lb., 30c.; 1 lb., $1.00.

Borecole or Kale.

DWARF GERMAN GREEN CURLED—Very hardy, wintering in open ground; leaves are numerous, curly, bright green; very tender and of delicate flavor. Pkt., 4c.; oz., 10c.; 1/2 lb., 30c.; 1 lb., $1.00.

DWARF PURPLE KALE—Like Dwarf German Green Curled, except the color, which is purple. It is very hardy, and is most tender after being bitten by the frost. Pkt., 4c.; oz., 10c.; 1/2 lb., 30c.; 1 lb., $1.00.

TALL GREEN SCOTCH—Pine curled leaves. Pkt., 4c.; oz., 10c.; 1/2 lb., 30c.; 1 lb., $1.00.

Brussels Sprouts.

Although not in general use in this country, this is a most delicious vegetable. The small heads which grow along the stem are the edible parts of this vegetable, and, when boiled like cabbage, or stewed with cream like cauliflower, are very tender and delicious. Where the winters are not very severe they may remain in the ground, to be cut as needed; the sprouts are much improved by a moderate frost.

IMPROVED DWARF—The best variety. Pkt., 4c.; oz., 15c.

Broccoli.

Broccoli is a much like the Cauliflower but harder and preferred by many to that vegetable.

CAPE—The best large headed white variety. Pkt., 5c.; oz., 30c.; 1/2 lb., $1.00.

Purple Cape—Very fine for use in the North, and more extensively grown. Pkt., 5c.; oz., 30c.; 1/2 lb., $1.00.
**German Black Wax or Butter Bean.**

**German Black Wax or Butter Bean**—This is no doubt the earliest and one of the most productive of all, and is positively proof against rust. Not only is it rust-proof, but it possesses the most excellent and most desirable quality of being exceedingly crisp and tender, entirely stringless, and of excellent quality and delicious flavor. The pods are large and of beautiful waxy yellow color. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; qt., 30c.; peck, $1.75; bu., $6.25, not prepaid.

**Bush Beans, Wax Varieties.**

**The Bismarck Dwarf Butter Wax Bean**—The cream of all Wax Varieties. This is one of the most attractive and famous varieties of Wax Beans known in Germany and cannot be recommended too highly to all lovers of the Butter Bean. It is very early; the pods are produced in great profusion and will average 6 inches in length, are almost transparent, exceedingly brittle and of very delicate flavor. The Bean when dry is of a beautiful bluish black color and of a kidney shape. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; quart, 30c.; peck, $1.75; bu., $6.50, not prepaid.

**Improved Rust-Proof Golden Wax**—The best general crop Bean. Very early and of excellent quality; pods stringless, golden yellow, very flaky; can be used either for snaps, green, shelled, or when ripe and dried. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; quart, 30c.; peck, $1.50, not prepaid.

**Davis Kidney Wax Bean**—The large Beans are pure white, kidney shaped, excellent for cooking green or dry. The pods while young are stringless, tender and of excellent flavor, very long, straight and uniform in size and shape and of a clear waxy white color. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; quart, 30c.; peck, $2.00, not prepaid.

**Wardwell’s New Kidney Wax**—This is one of the earliest, hardest and most productive of Wax Beans. It is almost entirely free from rust and spots. The pods are long and showy, very tender (stringless), and of delicate, waxy yellow; quality excellent, of a fine, buttery flavor as snaps and splendid for winter use when dry. A great favorite with market gardeners. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; quart, 30c.; peck, $2.00, not prepaid.

**Crystal White Wax Bean**—Pods waxy white, nearly transparent, of fair size; stringless, very tender, and good flavor; seeds white. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; qt., 30c.; peck, $1.75, not prepaid.

**Bush Beans, Green Podded Varieties.**

**Best of All**—A new variety which originated in Germany. Pods are about twice as long as of the Red Valentine, very flaky, tender, stringless, and of excellent flavor. One of the best, or the "best of all" for market or family use. It is very productive. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; qt., 30c.; peck, $1.75, not prepaid.

**Emperor William Bean**—One of the real good green podded Beans that pleases everybody. It is extra early, very productive, and certainly worth a place in every garden. For private or market use it is one of the grandest Beans that can be secured. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; qt., 30c.; peck, $1.40, not prepaid.

**Long Yellow Six Weeks**—Extra early and a most excellent variety; the leading market sort; has full flat pods. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; qt., 25c.; peck, $1.40, not prepaid.

**Improved Extra Early Round Pod Red Speckled Valentine**—A select strain of Early Red Valentine, ripening very uniformly and producing enormously. Pods tender and succulent; the most profitable sort for the gardener; ready to pick in 35 days. Pkt., 1/2 pint, 15c.; pint, 25c., prepaid; qt., 25c.; peck, $1.50, not prepaid.
EXTRA EARLY REFUGEE—This is the earliest of the green-podded Beans, and has all the good qualities of the well-known Refuge. And the additional advantage of being ready for table at least ten days earlier. Immense yielder and sure cropper. Pkt., 4c.; ½ pint, 12c.; pint, 20c., prepaid; qt., 25c.; peck, $1.25, not prepaid.

DWARF HORTICULTURAL—Round, curved, with splashes of bright red on a yellowish ground. The ripe beans are large, oval, plump, and nearly covered with splashes of bright red. This is undoubtedly the best variety so shelled, and when in this condition the beans are very large, easily shelled, and although of quite different form, are much more perfect than those of the Lima in quality. Pkt., 15c.; pint, 25c., prepaid; qt., 30c.; peck, $1.75, not prepaid.

HENDERSON'S BUSH LIMA—A perfect bush, about 18 inches high, maturing its pods before the 2 month, and continuing to bear its load of well-filled pods until stopped by frost. The beans are the size of the Sierra or Small Pole Limas, and of delicious quality. Pkt., 4c.; ½ pint, 15c.; pint, 25c.; qt., 40c., prepaid by mail.

BURPEE'S DWARF—The bushes grow 18 to 20 inches in height, and produce so vigorously that the plants develop into a magnificent circular bush from 2 to 3 feet in diameter, each bush bearing from 50 to 200 of handsome large pods, well filled with very large Beans, and of a size and shape to be the Pole Lima. Pkt., 5c.; ½ pint, 15c.; peck, 30c., prepaid by mail.

Field Beans.

CALIFORNIA WONDER OR IMPROVED TREE BEAN—This is easily the finest yielding Bean known. The seed resembles the well known 'Navy bean,' but cooks in less time and is of better flavor, and on account of its whiteness and small size commands the highest price in all markets. They should be planted in rows 2' apart and 2 inches apart in the rows, so they will not crowd each other and to secure the largest yield. 10 to 12 quarts will paint one acre. It is a field variety and one of the finest and best for shell Beans. Ours is pure stock. Pkt., 4c.; ½ pint, 10c.; pint, 15c., prepaid; quart, 18c.; peck, 30c.; bu., $3.25, not prepaid.

BURLINGAME MEDIUM—The Beans are pearly white, do not rust, and yield enormous yields; 40 bushels to the acre is no uncommon yield. The leading Field Bean in the East. Pkt., 4c.; ½ pint, 10c.; pint, 18c., prepaid; quart, 18c.; peck, 30c.; bu., $3.25, not prepaid.

IMPROVED NAVY OR BOSTON PEA BEAN—This Bean is very largely grown as a field crop. It is very hardy, ripens early, and yields immensely. The Beams are small, white, and of superior quality for baking. They sell well and are always grown with profit. Pkt., 4c.; ½ pint, 8c.; pint, 16c., prepaid; quart, 15c.; peck, 36c.; bu., $3.25, not prepaid.

ENGLISH OR BROAD WINDSOR BEANS—Well known in England and largely grown there; considered the best for general cultivation. Pkt., 4c.; ½ pint, 8c.; pint, 16c., prepaid; quart, 15c.; peck, 36c.; bu., $3.25, not prepaid.

WHITE MARROWFAT—Standard variety for field culture. Very early, productive, of excellent quality, either when green or dry. Pkt., 4c.; ½ pint, 10c.; pint, 18c., prepaid; quart, 20c.; peck, $1.00; bu., $3.50, not prepaid.

CREASE BACK OR FAT HORSE—A well known and highly esteemed Southern variety. Very productive. Forms very full, round pods, very sleeky, entirely stringless and distinctly creased along the back, hence its name. This variety is especially valuable for its extreme earliness and its habit of perfecting all of its pods at the same time. Pkt., 4c.; ½ pint, 15c.; pint, 25c., prepaid; qt., 30c.; peck, $1.75; bu., $6.00, not prepaid.

YARD LONG—It is a Pole or Running Bean, having long, green, or dull green pods, and pods growing 3 feet and upward in length. Sold only in packages. Pkt., 10c.; ½ pint, 25c.; pint, 50c.; prepaid by mail; pint, 12c.; qt., 20c. not prepaid.

GOLDEN CLOISTER POLE BEAN—A strong, vigorous grower, requiring a pole 6 to 8 feet high. It bears its bright yellow pods in clusters of from 4 to 6, in the greatest abundance, from July until cut down by the frost. It snaps easily, is stringless, cooks tender, and is of very delicate flavor. Pkt., 4c.; ½ pint, 10c.; pint, 20c., prepaid; qt., 30c.; peck, $2.00, not prepaid.

King of the Garden LIMA—Pods are very long, from 7 to 8 inches, producing 4 to 7 Beans to the pod, each perfectly formed and of superior quality. Pkt., 3c.; ½ pint, 15c.; pint, 25c., prepaid; qt., 30c.; peck, $2.00, not prepaid.

GOLDEN CLOISTER POLE BEAN—A strong, vigorous grower, requiring a pole 6 to 8 feet high. It bears its bright yellow pods in clusters of from 4 to 6, in the greatest abundance, from July until cut down by the frost. It snaps easily, is stringless, cooks tender, and is of very delicate flavor. Pkt., 4c.; ½ pint, 10c.; pint, 20c., prepaid; qt., 30c.; peck, $2.00, not prepaid.

Golden Clover. 

Columbus, O. —All the Garden Seeds we got from you last spring came up well, and we had the finest garden in the whole neighborhood, and everybody who saw it thought that we must have bought very expensive seed, but when we showed the prices of the seed they were very much surprised. We had a very unfavorable spring, but still everything was done well. Enclosed I send 1 envelope of names of parties that are going to order their seeds from you. Please send them catalogues.

North Tonawanda, N. Y., Dec. 11, 1899—Although I ordered from you for the first time this year, I shall never again order from anyone else. I had the best Cabbage in the whole neighborhood in spite of the drought, heads weighing over 17 pounds were nothing unusual, and all hard and round and of the finest quality. Gardeners who saw my Cabbage on the market came to 10 to 15 miles to see my Cabbage field to see if they had never seen anything as good and wanted to know where I obtained my seed, and they are sure to order from you, too. I obtained a dollar per 100 potatoes for my Cabbage than others could get. Your Tomatoes, Cucumbers, etc., were likewise of the best quality and we became known to our neighbors.

Our prices are prepaid except on quarts, pecks and bushels. If pints are wanted by express deduct 8 cents.
Table Beets.

MARKET GARDENERS’ BEET—This is the ideal and most profitable Beet for market gardeners as well as for the private garden, and the best general purpose Beet in cultivation. It is very symmetrical in form, with but few fibrous roots and small tap root. It is Egyptian in type, and continues to grow until late in the fall, attaining a large size and making a good selling and eating Beet for winter. One sowing only is necessary to produce early Beets for market and main crop for winter use. When cooked they are a beautiful dark red throughout, fine grained and unsurpassed in quality. The color outside is a deep blood red, inside batters of blood red and light red alternately.

Pkt. 5c.; oz. 10c.; ½ lb. 15c.; 1 lb. 60c.

Cress or Pepper Grass.

WATER CRESS—A hardy perennial, grown in wet places or borders of ponds, streams and ditches. As a salad it is highly appetizing and delicate flavor. Pkt. 4c.; oz. 30c.

CURLED GARDEN—A small salad much used with lettuce, in which its warm, tangy taste makes a most agreeable addition. Pkt. 4c.; oz. 75c.; ½ lb. 15c.; 1 lb. 35c.

TESTIMONIALS.

Chippewa Falls, Wis., Dec. 9th, 1899.—I have always had the best results with your seeds. Although the weather was unfavorable, I had very fine Cabbage, the heads weighing 15 to 25 lbs., finest quality, hard and solid. Cauliflower likewise was very fine. I received first prize for these heads here at Wisconsin State Fair. All the other seeds bought of you were of the best quality, too. FRED KLAGES.

Davenport, Iowa, Dec. 14th, 1899.—Your Washington Wakefield Cabbage proved to be the earliest Cabbage of any in this market.

W. NEILSEN.

Fayette Co., Texas, Oct. 29th, 1899.—The finest garden I ever had was this year, when I planted your seeds. Lettuce, Cucumbers, Radishes, etc., were excellent, and never before so fine. Your seeds are all that you claim for them. Kaifir Corn was a surprise to me; I have cut it three times already this summer. Every time it was five to six feet high, and shall cut it again for the fourth time next week, as it is now four feet high. Teosinte grew seven feet high, with from thirty to forty stalks from a single grain. Both are excellent forage plants, and for us here in the south they are just what we want.

C. SMITH.
Cabbage.

Hardly any other crop suffered so much during the past year as this, and good, reliable Seed is very scarce, especially of the early varieties.

Hardly another crop requires a more careful selection of seed than Cabbage. Seed grown in France and other parts of Europe can be bought very cheap, but is usually worthless when sown in this country; still many dealers handle nothing else but this cheap European Cabbage Seed. It is not sufficient that the seed germinates well, but it must be true to name, of uniform type, grown from perfect, solid heads and in a climate especially adapted for producing the best and most solid heads. We have such seed, and know that our Northern Grown Seed can be relied upon to produce sure and solid, fine heads.

Our Packets of Cabbage contain on an average about 1,000 seeds.

NEW WASHINGTON WAKEFIELD CABBAGE—First in head! First in the market! First in the hearts of gardeners. This expresses the qualities of this grand variety. All gardeners are so familiar with the Wakefield Cabbages that description is unnecessary. The engraving shows the character of the WASHINGTON WAKEFIELD, and it is perhaps sufficient to say that this leads all other strains of this popular variety in earliness, size of head, and purity of stock. It grows remarkably uniform, the heads being of very even size and shape. Unequaled for either the market or family garden. Pkt., 8c.; 3 pkts., 20c.; oz., 50c.; lb., $1.80.

EARLY SUMMER (Henderson’s)—This superior Cabbage is about double the size of Jersey Wakefield, and ten days later. Having short outer leaves it can be planted closer than most sorts. The heads are not liable to burst. Pkt., 4c.; oz., 20c.; ½ lb., 50c.; lb., $1.50.

EARLY WASHINGTON WAKEFIELD—The standard sort and market gardener’s favorite. The heads are very hard, compact, solid, and of conical shape. No other stock is superior to this which we offer, except the Washington Wakefield. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., $1.80.

EARLY JERSEY WAKEFIELD—The standard sort and market gardener’s favorite. The heads are very hard, compact, solid, and of conical shape. No other stock is superior to this which we offer, except the Washington Wakefield. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., $1.80.

MINNESOTA’S EARLIEST—Will produce good sized, marketable heads seventy days from sowing the seed. It is conical shaped, and has but very few loose leaves. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $1.50.

EARLY WINNINGSTADT—Heads pointed, very hard and solid; does well on light soil; is of fine flavor, crisp and tender. Pkt., 4c.; oz., 15c.; ½ lb., 50c.; lb., $1.50.

HEINZ’S SUCCESSION—Among the earliest in the market. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $1.80.

HENDERSON’S SUCCESSION—The earliest of all and a grand variety. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $1.80.

ALL-HEAD EARLY CABBAGE—A splendid new Cabbage. Grows to a larger size than any other new early variety, and stands drought remarkably. Head very solid, flat and deep, with few loose leaves; very uniform in size and color. It is the earliest of all large and an all-the-year round Cabbage. Any one planting but one variety of Cabbage could get none that would answer all purposes as well as this variety. Pkt., 5c.; 3 pkts., 12c.; oz., 25c.; ¼ lb., 60c.; lb., $1.90.

TESTIMONIALS.

Lincoln, Mo., Gentlemen: I have the finest garden this year in the whole neighborhood. I have the best Cabbage, Lettuce, Carrots, Beans, etc., also the finest Flowers. Never before did I get such large packets and such good seeds for so little money as I did from you.

THEO. L. SCHULTZ.

Winona Co., Minn.—All those who planted your seeds last spring were very well satisfied with the results. The large Carrots for horses and colts, especially, were very fine, likewise, the Minnesota King Corn, which is so well adapted for our climate.

EMIL KASTNER.

Ia.—I appreciate the good order of your seed from you received in good order last spring, and I must say that the Vegetable and Flower Seeds especially proved to be very good, and the results were entirely satisfactory. The Vegetables and Flowers raised were fine.

M. D. HUELLE.

Gaconade City, Mo., Gentlemen: Herewith I order my seed again for the coming year. We always have good success with your seed, and your Cabbage is splendid.

R. RUEDIGER.

Herndon, Va.—All Seeds I bought of you were very fine; better than I ever received here from any Eastern house. You can count on my orders regularly.

W. ANDRES.
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 under winter, and will then command the highest price after all the other sorts are gone. One of the most profitable 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 has always been in demand by the gardeners who knew of it. Pkt., 4c; oz., 20c; ½ lb., 70c; lb., $2.50.

AUTUMN KING or WORLD BEATER—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 solid as a rock. The large, broad heads are very thick, and hold their shape. It is such a small outer leaves that it can be planted much closer than the ordinary late sorts, and will produce a greater weight of crop per acre than any other variety. In a rapid grower and does not require special culture to develop. Pkt., 4c; oz., 20c; ½ lb., 70c; lb., $1.85.

SELECT LARGE LATE FLAT DUTCH—Through careful selection this deservedly popular Cabbage can be depended on to produce large heads of uniform size and of excellent quality. A good one for main crop and an excellent keeper. Pkt., 4c; oz., 15c; ½ lb., 50c; lb., $1.85.

ERFURT ROUND SUGAR CABBAGE—This entire new and distinct variety was recently introduced by a seed grower in Germany. It is the finest picking sort now in cultivation. It is a very close and heavy, tender, smooth, round-headed variety, a good keeper, and when held over winter comes out having a fine golden color, thus presenting a more appetizing and finer appearance than others, which turn a grayish white. Pkt., 1c; oz., 20c; ½ lb., 70c; lb., $2.25.

HARVEST HOME—The best late Cabbage, and noted for its reliability of heading, uniformity of size, and solid heads. No other Cabbage of equal quality will yield as large a weight from a given area as this variety. Pkt., 5c; oz., 20c; ½ lb., 70c; lb., $2.25.

FOTTLER'S BLUE BRUNSWICK—It forms large and solid heads. The leaves have a bluish tint, hence the name. It is a good keeper. Pkt., 1c; oz., 15c; ½ lb., 50c; lb., $1.85.

GERMAN EXPORT or IMPROVED LATE DRUMHEAD—One of the finest main crop and winter Cabbages, a splendid keeper, selling for more than other varieties in the spring. Pkt., 5c; oz., 20c; ½ lb., 70c; lb., $2.25.

NEW LUPTON CABBAGE—A very good late Cabbage; is always sure to head and keeps well. Pkt., 5c; oz., 20c; ½ lb., 60c; lb., $2.00.

BRIDGEPORT DRUMHEAD—The largest growers around Chicago will have no other variety, and we formerly supplied many market gardeners while living in Chicago, and some are following us to Minnesota and send their orders to us. We still have the same fine strain this year, and can again supply our customers. It makes a large, firm, round head, which seldom bursts or rots; is an excellent keeper. Pkt., 5c; oz., 20c; ½ lb., 70c; lb., $2.50.

PREMIUM FLAT DUTCH—The well known standard late sort and among the best for winter use. It is of very handsome appearance and always sure to head. The well developed heads measure about 12 to 14 inches in diameter and weigh from 12 to 16 pounds each; they are true to type, hard, solid and fine grained and among the best of keepers. Our seed of this old and reliable sort is as good as any offered and equal to if not better than high priced seed with the Seed Dealer's name prefixed to it. Pkt., 5c; oz., 20c; ½ lb., 60c; lb., $2.00.
Cabbage.

**SHORT STEM DRUMHEAD**—Heads very large, extra hard, solid, round, flattened on the top, uniform in size and shape. It has a very short stem, and grows very compactly, the leaves all turning in to form the head, with very few loose leaves, thus allowing it to be set very close together. Pkt., 4c.; oz., 15c.; ½ lb., 45c.; 1 lb., $1.65.

**NEW 100 WEIGHT**—This is the largest variety of Cabbage known; remarkable for its immense size, firm heart and superior heading properties. Head broad, very large, frequently attaining a diameter of 20 inches and more. Pkt., 5c.; oz., 20c.; ½ lb., 70c.; 1 lb., $2.50.

**Savoy Cabbages.**

**PERFECTION DRUMHEAD OR IMPROVED AMERICAN DRUMHEAD**—An excellent variety, of fine flavor, heads very compact; showy, with fine savoyed or crumpled leaves. Makes large and solid heads and is the best late Savoy. Pkt., 4c.; oz., 15c.; ½ lb., 50c.

**EARLY DWARF ULM SAVOY**—A very good early variety. Pkt., 3c.; oz., 10c.; ½ lb., 55c.

**Red Cabbages.**

**EXTRA EARLY DARK RED ERFURT**—The earliest and finest red Cabbage. Pkt., 4c.; oz., 15c.; ½ lb., 70c.

**LARGE RED DRUMHEAD**—Very solid and large heads; round; of a deep red color. Pkt., 4c.; oz., 15c.; ½ lb., 70c.

**Cauliflower.**

**PERFECTION DRUMHEAD SAVOY.**

**EXTRA EARLY DWARF ERFURT CAULIFLOWER**—The best that can be had at any price, and growers will find this a very superior strain. Our seed comes from the city of Erfurt, Germany, where for more than half a century the finest seed known has been produced, and there is none better. 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, of fine grain, and form quickly. Pkt., 18c.; ¼ oz., 60c.; ½ oz., $1.00; 1 oz., $1.75.

**HENDERSON'S EARLY SNOWBALL**—A well known American variety; is very early and reliable in heading. Pkt., 20c.; ¼ oz., 60c.; oz., $1.75.

**Carrots.**

**MAMMOTH ROCK RED**—Heads as large as the Flat Dutch, deep red to the center; highly recommended. Hard as a rock. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ½ lb., 75c.; lb., $2.50.

**EARLY PADILLA**—A variety of Cauliflower which is a great favorite with some market gardeners and one which we can recommend. Pkt., 10c.; oz., $1.50; ½ lb., $3.00.

**EXTRA EARLY PARIS**—Good for forcing; a standard early variety. Pkt., 6c.; ½ oz., 15c.; oz., 70c.; ¼ lb., $2.25.

**AUTUMN GIANT**—A large, late variety, well protected by foliage. Pkt., 5c.; oz., 30c.; ½ lb., $1.75.

**WALCHEREN**—Very late and hardy. Pkt., 6c.; oz., 40c.; ¼ lb., $1.40.

**The Horn Carrots are grown for early use and in shallow soils; in flavor they are more delicate than the medium and long varieties.**

The latter require deep soil, thoroughly enriched with old manure; fresh manure tends to produce forked and worm-eaten roots.

Before sowing make the surface smooth and fine. Sow in April and May, in drills about half an inch deep and a foot or more apart. Thin as soon as large enough, leaving the plants from three to eight inches apart, according to variety, and keep free from weeds. One ounce of seed is sufficient for one hundred feet of drill; three to four pounds for an acre.

Our packets of Carrots contain about 4,500 Seeds.
**Carrots.**

**IMPROVED DANVERS HALF LONG**—Largely grown and considered the best variety for general crop, and a first class carrot for all kinds of soil. It is of a rich, dark orange color, grows to good and large size, is smooth and very beefy and it generally grows with a stump root, is quite easily harvested and a good keeper. It is excellent for table use, and owing to its productiveness is also largely grown for feeding purposes. Pkt., 1½ oz., 10c.; ½ lb., 20c.; 1 lb., 50c.

**EARLY FRENCH FORCING**—The earliest variety, and very valuable for forcing. It makes a small, almost globe-shaped root, of orange red color, and is of excellent quality. Pkt., 3½ oz., 7e; ¼ lb., 15c.; ½ lb., 60c.

**P. S. CO.'S SUPERIOR MARKET**—Reminisces Danvers Half Long, but of finer texture; flesh deep orange nearly to the center, leaving but a very small core. Pkt. 5c.; oz., 15c.; ½ lb., 30c.; 1 lb., 50c.

**IMPROVED LONG ORANGE**—Similar to the Altrirngam, but the roots are of a dark orange color and grow to large size. It is suitable for the table and the main field crop. Pkt., 3½ oz., 8c.; ½ lb., 15c.; 1 lb., 60c.

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**Best Carrots for Stock.**

Of all root crops there is none as well adapted for horses, and particularly for colts, as Carrots.

In Europe they are largely grown for this purpose, and the farmers there know the value and beneficial results to be had from feeding the Carrots, and large quantities are also used for the cavalry horses in the army. Every farmer who feeds Carrots for his horses during the early winter, and, if possible, through the winter and in the spring, will find them better than all condition powders. Distemper and similar diseases among his horses will be unknown to him. Try a small patch of Carrots, and see if they don't pay off.

The seed should be sown as early in spring as the ground can be worked, in drills far enough apart so they can be cultivated with a horse cultivator. Three to five pounds of seed are required to sow one acre.

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**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 easily harvested and handled. The flesh is white, crisp, solid and very sweet in flavor. A yield from 8 to 20 bushels per acre, and more is very frequently obtained.

**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 hay land, although it is a heavy cropper on all soils. It is easily harvested, as the roots grow much more above the ground. It will suit all those who grow it. Price postpaid by mail: Pkt., 5c.; oz., 15c.; ¼ lb., 25c.; ½ lb., 40c. By express or freight: Lb., 80c.; 5 lbs., $3.75.

**LONG WHITE BELGIAN CARROT**—A very productive white Carrot which has become the standard variety for stock feeding. They grow out of the ground, and to a large size. The lower part of the root is white; that growing above ground and exposed to the air is green. The flesh is firm, very sweet and excellent for stock feeding. Price postpaid by mail: Pkt., 5c.; oz., 15c.; ¼ lb., 25c.; ½ lb., 45c. By express or freight: Lb., 35c.; 5 lbs., $1.05.

**LARGE YELLOW BELGIAN**—A large growing favorite variety, grown very largely for feeding purposes. Price postpaid by mail: Pkt., 5c.; oz., 15c.; ¼ lb., 25c.; ½ lb., 40c. By express or freight: Lb., 30c.; 5 lbs., $1.10.

**MAMMOTH WHITE VOSGES**—A field variety; one of the best for feeding cattle. The roots are very broad at the neck, narrowing abruptly to the point; they are about 8 inches long, with a diameter of from 4 to 6 inches. It is easily pulled and is especially suited for shallow soils. Pkt., 2½; oz., 15c.; ¼ lb., 25c.; ½ lb., 40c. By express or freight: Lb., 30c.; 5 lbs., $1.10.

**THE ACME SEED DRILL**—A garden Seed Drill that will open a furrow and distribute Beet, Cabbage, Cauliflower, Collards, Lettuce, Onion, Radish, Turnip and all such seeds with perfect regularity. A single packet as well as larger quantities can be sown. Just the thing for those whose gardens are too small to use a Planet Jr., or other drills that cost from $3.50 to $10.00. Price, delivered to any postoffice, only $1.25. Not prepaid by express, $1.00.

**SPECIAL OFFER**—Those of our customers who want to take a little time to obtain this Drill who we have decided to send it FREE AS A PREMIUM WITH ORDERS FOR GARDEN SEEDS IN PACKAGES ONLY, TO THE AMOUNT OF $5.50. Considering the low prices which we have made on our large and well filled packages and the quality of our seeds, it would be a very easy thing to obtain orders enough amongst your neighbors for seeds in packages to the amount of $3.50, and we will in send you free, prepaid, one of these useful Drills.

This special offer covers Seeds in Packages only.
NEW GOLDEN SELF-BLANCING—A very popular variety, and one of the most profitable to grow. The growth is compact and vigorous; the ribs are straight, solid, crisp and tender, and of a most delicious flavor. It has the advantages of being self-blanching; without banking up or any covering whatever, even the outer ribs become a handsome, fresh, yellowish-white color, and produce marketable quality in abundance per acre. The fruit is large, solid, and of a beautiful, rich yellow-green color. Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., $2.50.

WHITE PLUME—A handsome crisp sort, of very easy cultivation. It is of very best quality, smooth, tender and solid, and of a rich, fruity flavor. It is the earliest celery in cultivation. Pkt., 4c.; oz., 15c.; ½ lb., 45c.; lb., $1.25.

NEW GIANT PASCAL—The latest and best variety of Celery. The stalks are very large and very straight, thick and crisp, and of a rich, nutty flavor, free from any trace of bitterness. It blanches very easily and quickly, and retains its freshness a long time after being marketed. Pkt., 4c.; oz., 15c.; ½ lb., 40c.; lb., $1.25.

BOSTON MARKET—A popular dwarf variety. Pkt., 3c.; oz., 12c.; ½ lb., 50c.; lb., $1.25.

ANNA HOFFMANN—One of the best of the Red Celeries. Of fine table quality and an excellent keeper. Pkt., 3c.; oz., 15c.; ½ lb., 50c.

OLD CELERY SEED—Used in flavoring soups, pickles, etc. Oz., 5c.; ½ lb., 10c.

Celeriac (Turnip Rooted Celery)

Our Packets of Cucumbers contain on the average about 300 seeds.

JAPANESE CLIMBING CUCUMBER—The vines are of healthy vigorous growth, with large, strong, smooth, bright green, and heavy, firm fruit. They are of good quality, and when young make attractive pickles. With this variety of be increased 3-fold, thus making it particularly valuable in small gardens.

IMPROVED LONG GREEN—A long, clear, crisp and tender fruit, much sought after for marinated pickles. Pkt., 4c.; oz., 10c.; ½ lb., 25c.; lb., 50c.

WHITE PEARL—The Cucumbers grow so thickly together that they actually lie piled one upon the other. The skin is very smooth and entirely free from spines, in color they are a pleasant creamy white; the young fruit is of a very light color, nearly as pure white as when ready for use. Pkt., 4c.; oz., 10c.; ½ lb., 25c.; lb., 50c.

SNAKE CUCUMBER.

COOL AND CRISP—Extra early, very prolific, and bears the whole season. At the picking stage the cucumbers are straight, long, even and slim, of very dark or almost black color. While primarily a picking variety, it is also most useful for slicing, the cucumbers when fully matured being of good size and very tender and crisp. Pkt., 4c.; oz., 8c.; ½ lb., 25c.; lb., 50c.

GIANT WHITE—This grows from 12 to 16 inches long, and the fruit is always of a pure white, very smooth, straight, and perfectly smooth. The flesh is very solid, pure white, with very few seeds, crisp and of most superior flavor. Pkt., 4c.; oz., 8c.; ½ lb., 25c.; lb., 50c.

EARLY GREEN PROLIFIC OR BOSTON PICKLING—Large and early, grown by market gardeners for both packing and as a table variety. It is early, very prolific, and a great favorite in Eastern markets as a choice pickling sort. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; lb., 45c.

EARLY FRAME—Fruit straight and handsome, crisp, tender and makes excellent pickles. Pkt., 3c.; oz., 8c.; ½ lb., 15c.; lb., 40c.

GIANT PERA—A very large and most prolific variety: from 18 to 22 inches long, and uniformly grows about 4½ inches per stem. The fruit is handsome, crisp, tender and brittle, with a very few seeds, and makes excellent pickles from the finest cucumbers. Pkt., 3c.; oz., 8c.; ½ lb., 15c.; lb., 45c.

IMPROVED WHITE SPINE—The old standard variety; none better or more generally and favorably known. Color, deep green; shape, uniform, somewhat tapering at both ends. Quality is excellent, crisp and tender. Pkt., 4c.; oz., 8c.; ½ lb., 15c.; lb., 40c.

Improved White Spine.
ENDIVE.

WINTER OR GREEN CURLED—The standard sort for summer and winter use. Very hardy and ornamental, with curled, dark green leaves, which blanch white and crisp and are very tender. Pkt., 1c.; oz., 15c.; ½ lb., 50c.

MOSS CURLED—Beautiful curled, tender and of fine quality. Pkt., 1c.; oz., 15c.; ½ lb., 50c.

BROAD LEAVED—Leaves, large, broad, slightly curled. If tied at the top when fully grown they will Blanch and make an excellent salad. Pkt., 4c.; oz., 15c.; ¼ lb., 50c.

Egg Plant.

IMPROVED NEW YORK PURPLE—The leading market variety, and one of the best varieties in cultivation, early, a sure cropper, and of fine quality. Pkt., 6c.; oz., 32c.; ¼ lb., $1.15.

BLACK PEKIN—Shape heartily round, of largest size, skin jet black, glossy and smooth; fine grained and delicate in flavor. Pkt., 6c.; oz., 32c.; ¼ lb., $1.15.

KOHLRABI.

EARLY WHITE VIENNA—Excellent for forcing and open ground; flesh white and very tender; leaves very short. Pkt., 5c.; oz., 15c.; ½ lb., 50c.; 1lb., $1.75.

EARLY PURPLE—Very similar to the last, except in color, which is a bright purple. A desirable sort. Pkt., 5c.; oz., 15c.; ½ lb., 50c.; 1lb., $1.75.

GOURDS.

SUGAR TROUGH—They grow to hold from 4 to 10 quarts each; have thick, hard shells, are very light, but durable. They are useful for many purposes. Pkt., 3c.; oz., 10c.; ½ lb., 35c.

DIPPER GOURD—Very useful for many purposes; holding about a quart; with a long handle. Pkt., 1c.; oz., 5c.; ¼ lb., 25c.

NEST GOURD—Club—Pkt., 4c.; oz., 8c.; ¼ lb., 25c.

APPLE-SHAPED—Pkt., 3c.; oz., 6c.; ¼ lb., 20c.

PEAR-SHAPED—Pkt., 3c.; oz., 6c.; ¼ lb., 20c.

GARLIC.

The Garlic is much esteemed for flavoring soups, stews, etc. Bulbs, 1lb., 35c.; ½ lb., 18c.

MUSTARD.


BROWN OR BLACK—Pkt., 3c.; oz., 5c.; ¼ lb., 10c.; 1lb., 30c.

NEW CHINESE—Leaves twice the size of the white; flavor sweet and pungent. Pkt., 4c.; oz., 7c.; ½ lb., 15c.; 1lb., 65c.

SOUTHERN GIANT CURLED—This variety is very highly esteemed in the South. Plants about 2 feet high and form immense bunches. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1lb., 25c.

NASTURTIUM—INDIAN CRESS.

TALL—The seeds while young are used for pickles; also very ornamental as a flowering plant. Pkt., 3c.; oz., 6c.; ½ lb., 10c.

DWARF—Beautiful colored flowers. Pkt., 3c.; oz., 6c.; ½ lb., 30c.

LENTILS.

Largely used in Oriental countries, and is one of their principal articles of diet. It was from these that the dish of pottage was made for which Ewan sold his birthright to Jacob in Bible times, and many will be interested in them for that reason. Sow and cultivate same as garden Peas, and thresh out in the fall. Large pkt., 5c.; lb., 25c., prepaid by mail: 1lb., 20c.; 10lbs., $1.50, not prepaid.

GARDEN LEMON.

Resembles the Vine Peach in manner of growth. The fruit is round, somewhat smaller than Vine Peach, has thinner flesh and has decidedly more acid. Pkt., 5c.; oz., 15c.

VINE PEACH.

The fruit is about the size of a large Peach, oval-shaped, and of bright orange-yellow color, somewhat russeted. For sweet pickles, pies, preserving, they are superb. Require the same cultivation as Mask Melons, are easily grown and wonderfully prolific. Pkt., 5c.; oz., 15c.

LEEK.

MUSSELBURG—This variety grows to extra large size, and is very hardy. The leaves are large and broad; the edible stem grows to large size, and is of mild flavor. Pkt., 4c.; oz., 10c.; ½ lb., 50c.; 1lb., $1.50.

LONDON FLAG—Large, with broad leaves. An excellent large growing variety. Pkt., 4c.; oz., 15c.; ½ lb., 50c.; 1lb., $1.75.
SWEET CORN.

FIRST OF ALL—Numerous tests and experiments proved this variety to be fully as early as the Early Cory, which is an important considera-
tion in getting early corn on the market. Mammoth ears are larger
than other early varieties. Ears average about 8 inches in length,
and are well filled from end to end. Sweet and tender, good
Pkt., 1/2 pt., 10¢.; pt., 15¢., prepaid; qt., 18¢.; pk., $1.00; bu., $3.50, not
prepaid.

MAMMOTH WHITE CORY—(See cut.) The largest and best extra
early sweet corn. Stalks are no larger than those of the Cory, and
mature their ears fully as early, but the ears are 12 instead of 8 rowed,
very much larger and quite free from the open space between the rows which is
such an objectionable feature of the old Cory. It is the very white and
quality is good, and the size and beauty of the ears give this variety ready
sale even if the market is glutted with other sorts. Pkt., 5¢.; 1/2 pt., 10¢.;
pt., 15¢.; qt., 35¢.; pk., $1.00; bu., $3.50, not prepaid.

NEW EARLY WHITE CORY—A greatly improved variety from the
old and well known Cory; has white cob and white kernels, and is fully as
early, having produced ears in 32 days from planting. Pkt., 4¢.; 1/2 pt.,
pt., 10¢.; qt., 15¢.; pk., 75¢.; bu., $2.75, not prepaid.

EARLY MINNESOTA—The standard early sweet corn; ears 8-rowed.
Good size; kernels broad, sweet and tender, not shrinking much in drying.
Pkt., 3¢.; 1/2 pt., 8¢.; pt., 16¢.; prepaid; qt., 15¢.; pk., 75¢.; bu., $2.75, not
prepaid.

CORY RED COB—A very early variety with good sized ears and large
grains. Pkt., 5¢.; 1/2 pt., 8¢.; pt., 15¢.; prepaid; qt., 20¢.; pk., 75¢.; bu., $2.75, not
prepaid.

PORTLAND—Not quite so early as the Cory, but in sweetness and
flavor it excels any other Sweet Corn grown. It is one of the best all
around variety. For the private garden it is the best and finest. Market gardeners
are particularly in demand, and it is a great favorite with canning factories.
Pkt., 4¢.; 1/2 pt., 10¢.; pt., 15¢.; prepaid; qt., 20¢.; pk., 75¢.; bu., $2.75, not
prepaid.

PERRY'S HYBRID—A large, early variety, ripens about the same time
as Early Minnesota, and usually contain about 12 to 14 rows of kernels
well filled to the end; the kernels are large, sweet, tender and pure white;
and excellent quality. Pkt., 2¢.; pt., 10¢.; prepaid; qt., 20¢.; pk., 75¢.; bu., $2.75, not
prepaid.

OLD COLONY—A remarkably productive medium early variety, averaging 3
ears on every stalk. The ears are of large size and well filled out. In quality,
flavor and sweetness not excelled. A great favorite for canning on account of the
long kernels. Pkt., 3¢.; 1/2 pt., 8¢.; pt., 16¢.; prepaid; qt., 15¢.; peck,
75¢.; bu., $2.75, not prepaid.

CROSBY—A great favorite. Rather small ears, but productive, and of excel-
lent quality. Pkt., 3¢.; 1/2 pt., 8¢.; pt., 16¢.; prepaid; qt., 15¢.; peck,
75¢.; bu., $2.75, not prepaid.

ACME—A valuable sort for market men. Ears large, generally 12 rowed and
8 to 10 inches long, very productive; it will produce more bushels of ears to
the acre than any other Corn. Pkt., 10¢.; pt., 18¢.; prepaid; qt., 20¢.;
pkt., $1.00; bu., $3.50, not prepaid.

BLACK MEXICAN—Although the ripe grain is black, or bluish black, the Corn
when in condition for the table cooks remarkably white and is surpassed by none in tend-
derness, and is the sweetest and most sugary of all kinds; highly prized for table use.
Pkt., 3¢.; 1/2 pt., 8¢.; pt., 16¢.; prepaid; qt., 15¢.; peck, 75¢.; bu., $2.75, not prepaid.

STOWELL'S EVERGREEN—This is more largely planted than any other variety,
being the general favorite with canners and market gardeners for late use. Very pro-
ductive. Pkt., 3¢.; 1/2 pt., 8¢.; pt., 16¢.; prepaid; qt., 15¢.; peck, 75¢.; bu., $2.75, not
prepaid.

POP CORN.

NEW RED RICE—The stalks are 4 to 6 feet high, and average 3 to 4 ears each, which
are from 3 to 6 inches long, with heads from 2 inches to 5 inches in diameter, of
a deep claret or dark red color. For beauty, carliness, productiveness, crispness and tender-
ness, it cannot be equaled. Pkt., 10¢.; pt., 30¢.; prepaid.

WHITE RICE—One of the finest and most prolific Pop Corns grown;
largely planted; very good. Pkt., 5¢.; 1/2 pt., 10¢.; prepaid.

QUEEN'S GOLD—A splendid sort. Above all its ex-
ceeding tenderness which clung, together with its delicious and
delicate taste; splendid for all purposes. By mail, pkt., 5¢.;
1/2 pt., 20¢.; prepaid.

MAPLEDALE—This is without doubt, the most prolific pop corn that has ever
been introduced. The average ear measures five to six inches long, and the heads are
almost a pure white in color. It pops a clear white, and of the finest quality. The
variety contains as many as nineteen ears to a stalk, and it is under the list of pop

WHITE PEARL—Small grain. Ears four or five inches long, seven-eighths to
an inch in diameter; Good for family use or market. Pkt., 5¢.; 1/2 pt.,
15¢.; prepaid.

SNOW BALL—With us it is enormously productive, of fine, delicate taste, and
pops readily and evenly. It is the Corn for every body to plant. A package will be
sufficient for family use. Give the boys on the farm an acre to plant Pop Corn for the
Farmer Seed Company, Faribault, Minnesota,

Lettuce.

Our packets of Lettuce contain on the average about 5,000 Seeds.

We wish to call your attention to the very low prices for our large and well filled packages, and our prices on larger quantities are correspondingly low. Nowhere can you buy better seed, and at no other place can you buy good Seeds for so little money as we ask.

GRAND RAPIDSO FORMING LETTUCE—The best sort to grow for early market and for shipping. It is handsome, grown large and stands for a long time. Its heads are large, crisp, and stand when exposed. It will keep from wilting longer than other varieties. It requires but little care and stands neglect of watering or ventilation, and grown more weight in the same space. In addition to its desirable forcing qualities it is excellent for early spring sowing in the open ground. Through raising this Lettuce Grand Rapids growers have been able to obtain the highest price and distanced all competitors, not only in the Grand Rapids market but hundreds of miles away.

Pkt., 5c.; oz., 8c.; ¼ lb., 20c.; lb., 65c.

BLACK SEEDED SIMPSON—This is one of the most popular varieties. It forms a large, loose head of yellowish green color; the leaves are large, thin, and very tender, and of good quality. One of the best sorts for the frame or hothouse, as well as for outdoor planting. Pkt., 4c.; oz., 6c.; ¼ lb., 20c.; lb., 65c.

BUDDE'S FAVORITE or NEW BUTTERCUP—This new and valuable variety originated in Germany. It is a head or Cabbage Lettuce; very early and large, solid heads, with delicate golden yellow foliage. It is a crisp, tender, and excellent in flavor. It is long standing, remaining fit for eating longer than any other variety. Also valuable for forcing or early spring crop. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

New Buttercup.

THE DEACON LETTUCE—A fine Butter Head Lettuce. It stands hot weather without becoming bitter or running to seed, and forms large heads, light green outside and within a beautiful cream-yellow; of delicious, rich, buttery flavor. A great favorite to plant for home use as well as to sell on the market. Pkt., 4c.; oz., 6c.; ¼ lb., 20c.; lb., 65c.

EARLY CURLED SILESIA—The earliest variety, does not form any heads, but the leaves are exceptionally tender, crisp and well flavored, and ready to go for table long before any other variety. Pkt., 4c.; oz., 6c.; ¼ lb., 20c.; lb., 70c.

NEW ICEBERG LETTUCE—One of the very best head or Cabbage varieties. The heads are so compact and solid that they seldom go to seed. The inside is thoroughly blanched, and of the finest flavor. During the hottest and driest weather it remains crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

CALIFORNIA CREAM BUTTER LETTUCE—A medium early and one of the best summer varieties of Head Lettuce. It forms round, solid heads. The leaves are of a very rich cream yellow color, and particularly rich and buttery to the taste. This is a variety which should have a place in every farmer's garden, and is also a first-class variety to grow for the market. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Cos Lettuce.

Also known as ROMAINE or CELERY LETTUCE and SUMMER ENDIVE.

PARIS WHITE COS—An old standard variety, one of the best, tender and crisp. Pkt., 4c.; oz., 6c.; ¼ lb., 25c.; lb., 85c.

IMPROVED HANSON—Forms very large, firm heads, resembling a Cabbage, which are deliciously sweet, crisp and tender; heads green outside and white within. Very good for outside culture, and one of the best sorts to resist heat. Pkt., 4c.; oz., 6c.; ¼ lb., 20c.; lb., 65c.

EARLY CURLED SIMPSON—Forms a close, compact mass of curly leaves of a yellowish green. It is earlier than the head varieties, and is the kind that is planted mostly in cold frames, but is also largely grown as an open-air variety. Pkt., 4c.; oz., 6c.; ¼ lb., 20c.; lb., 65c.

WHITE SUMMER CABBAGE—An excellent variety for summer use, with close heads of good size. Pkt., 4c.; oz., 6c.; ¼ lb., 20c.; lb., 65c.

Cos Lettuce.

Musk Melons.

Our Packets of Musk Melon contain on the average about 50 Seeds.

DELMONICO—Large, oval-shaped Musk Melon of large size, finely netted, and has beautiful orange pink flesh, and is pronounced to be a Melon PAR EXCELLENCE. We offer the Delmonico with full assurance that it will be found a most delicious variety. Pkt., 5c.; oz., 6c.; ¼ lb., 14c.; lb., 40c.

OSAGE—Skin dark green, slightly netted on the lobes on the upper side. Flesh a rich salmon color. The shape is oblong and medium sized, and the whole crop is very even and extra heavy, owing to thickness of meat. Pkt., 3c.; oz., 6c.; ¼ lb., 15c.; lb., 50c.

EMERALD GEM—New, extra early, and prolific. The skin, while ribbed, is generally smooth, and of a very deep emerald green color. The flesh, which is thicker than in any other Melon of the same size, is of a beautiful salmon color, and ripens thoroughly to the extremely thin rind, and the flavor is sweet and luscious beyond description. Pkt., 4c.; oz., 6c.; ¼ lb., 15c.; lb., 50c.
THE ROCKY FORD MUSK MELON—This melon has taken its name from the little town of Rocky Ford, Colorado, where the growing and shipping of these Melons has become the leading industry of the town. The reason for the widespread popularity of these melons is two-fold. First its superb table qualities, being firm, sweet, and remarkably solid. Second, its wonderful shipping qualities, which enable it to be carried great distances, and yet arrive in first-class condition for market. It is very early, and wonderfully productive. The fruit is of medium size, oval shaped, heavily netted and very solid. The flesh is green, thick, aromatic and juicy. There is a great demand for this popular melon. We obtained our seed at high cost and it comes direct from Rocky Ford, and can be relied upon as the genuine stock. Pkt., 5c.; oz. 10c.; 1 lb., 30c.; lb., $1.00.

EXTRA EARLY HACKENSACK—Several years' trial has proven it to be the earliest, hardest and most prolific of all the netted Melons. Pkt., 5c.; oz. 10c.; 1 lb., 30c.; lb., 55c.

PAUL ROSE—This is the result of a cross of the Osage and Netted Gem, and combines the sweetness and high flavor of the former with the fine netting of the Gem. They are of very uniform shape and average about 1½ lbs. each in weight. It surpasses all Melons as a shipper and long keeper, and is of peculiarly sweet, rich, delicious flavor. The flesh is very thick and the seed cavity very small. It is the best Musk Melon introduced for several years. Pkt., 5c.; oz. 15c.; ½ lb., 40c.

NETTED GEM—GOLDEN GEM, or GOLDEN JENNY—Very early and prolific, quite uniform in size and shape, weighing from one and one-quarter to two pounds; skin green; flesh; rich, with good flavor. The melons are of large size, quite early and yield very heavy. Pkt., 5c.; oz., 12c.; ½ lb., 40c.

KLONDIKE—This Melon is offered with the full assurance of not only being remarkably early, but as sweet, delicate, and melting in flavor as any variety grown. The flesh is of deep scarlet, thin rind. It is to all other varieties of Water Melons what the Early Minnesota is to Tomatoes—the earliest, and of quality second to none. It will ripen where it has not been thought possible to mature a good Water Melon. Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., 55c.

SWEET HEART—A grand sweet hearted kind for home and market use. It is very productive, ripening early. The fruit is large, oval, very heavy. The flesh is bright red, firm, solid, but very tender, melting and sweet. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 50c.

CUBAN QUEEN—This is a large variety, often weighing eighty pounds and upwards. The rind is marked with regular stripes of light and dark green. It is very showy and of good quality. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 50c.

PEERLESS or ICE CREAM—An excellent one for home use, medium size, oblong, green skin; with very sweet, melting, deliciously flavored crimson flesh; seeds white. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 50c.

THE DIXIE—This new Watermelon has excellent merits, and we recommend it as the best shipping Melon known, being larger, earlier, and far more productive than Koh's Gem, which has heretofore been considered the best Melon for shipping. It is of a very fine appearance, while its eating qualities are unequalled. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 50c.

MOUNTAIN SWEET—The Melons are oblong, dark green; rind thin, flesh red, solid and sweet. Pkt., 3c.; oz., 6c.; ½ lb., 15c.; 1 lb., 40c.

COLORADO PRESERVING—It makes beautiful, clear, transparent preserves of perfect flavor. Pkt., 4c.; oz., 7c.; ½ lb., 15c.; 1 lb., 60c.

CITRON—For preserving. A round, handsome fruit, of small size, used in the making of sweet meats and preserves. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 60c.

Watermelon.

KOLB'S GEM—Melon dealers say that as a shipping Melon it has hardly an equal. It is an early variety, and grown in large quantities, particularly in the South, for shipment to the Northern market. The fruit is very round, dark green, and marbled with lighter shades. Pkt., 3c.; oz., 7c.; ½ lb., 25c.; lb., 50c.

STOKES' EXTRA EARLY "The earliest of all." Nearly round, dark green skin, slightly striped, with market. It is very solid, deep scarlet, and not excelled in its delicious sugary flavor. Seeds very small, wonderfully productive, for family use unsurpassed. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 50c.

KENTUCKY WONDER—One of the very best Melons for home use or market. In form it is quite long, of good size, weighing forty to sixty pounds; skin dark green, striped and marbled with light green; flesh very firm, solid and never mealy, very fine sugary flavor. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 60c.

RUBY GOLD—A new Melon of great beauty and excellence, of large size; forty pounds or more in weight. A prominent characteristic is its unapproachable beauty of flesh. A Melon cut crosswise presents a striking and unique appearance. A red star, with many rays, some of them reaching nearly to the rind, ending in a curve, set in a beautiful golden ground, surrounded with a thin, white rind. Added to its great beauty, it is the julietest of all Melons, and of delicate flavor. Pkt., 4c.; oz., 8c.; ½ lb., 15c.; 1 lb., 60c. Write for prices on five and ten pound orders.

TO SEED PLANTERS.

When the time comes to select the seed for your garden, you have a wide range of choice in the many kinds of seedsmen. Tempting advertisements and sensational catalogues induce many private planters to send their orders there. New seeds are constantly being named and old ones advertised, and you are drawn into a maze of names, peddling seeds through the country, or advertising them for a short time before planting season and then take up something else again so many of you spend time and labor and use of the ground, besides the cost of the seed, by having your orders filled by inexperienced and unprincipled seed peddlers, "doing the seed business as a side line?" We think not, and to be on the safe side, as well as for best results in your garden, buy your seeds from such firms whose experience in the business will guarantee good results in your garden from the seeds you order from them.
Choice New Crop Onion Seed.

We have a fine stock of well-matured seed (of our own growing) from selected bulbs. This stock cannot be excelled in purity, fine form and germinating qualities. Our pedigree onion seed is not in competition with stock of doubtful quality. Our aim is to produce the very best, regardless of expense, and offer the same at only a small margin above cost of production. However, if any of our reliable competitors offer you seed that you know to be right at a less figure, write us, and we will endeavor to satisfy you. In addition to this the new crop of Onion Seed has been very short, and the price of Onion Seed not only advanced considerably, but it appears to be scarce. We have made these prices according to our crop harvested and stock on hand. Others may quote higher and maybe lower prices, but it should be remembered that NORTHERN GROWN ONION SEED is superior to seed grown elsewhere.

Our packets of Onion Seed contain on the average about 1,500 Seeds. One ounce will sow 100 feet of Drill; 4 to 5 lbs. are required per acre.

THE GLOBE WETHERSFIELD ONION—This is a RED GLOBE ONION of the finest and most select type, and differs from other kinds of Red Globe Onion, not only in purity of stock and perfection of shape, but in earliness, productiveness and beauty of color. They are not so economical in use and usually they command the highest price. They are more profitable to grow than flat varieties, as they occupy no more room in the row, but weigh more and measure better. This Onion is grown here around Faribault in large quantities, both the bulbs and the seed, and was introduced in 1888 under the name of Globe Wethersfield Onion, in order to distinguish it from other stocks of Red Globe Onion. Our Seed is the true stock. Pkt., 4c.; oz., 8c.; lb., 25c.; lb., 75c.

YELLOW GLOBE DANVERS—The Yellow Danvers Onion is known everywhere as a heavy yielder, and as being of superior quality. They are good keepers, are superior for shipping, and sell rapidly in any market. The Onions from which our seed is grown are carefully selected, and none but bulbs of good size are planted, and these will produce good and large heads, filled with plump and heavy seed, grown in our superior climate. We are sure that our stock will please everyone, and as we can make our prices very low, our Northern Grown Seed should be more largely planted. Price postpaid by mail: Pkt., 3c.; oz., 6c.; lb., 20c.; lb., 65c. By express or freight, not prepaid: lb., 60c.; 5 lbs., $2.75.

EARLY SOUTHPORT RED GLOBE ONION—The Southport Red Globe has long been considered the best Red Globe Onion. Its large size, perfect globe shape, and best keeping qualities, make it a very desirable variety. Its only fault was its lateness.

The new Early Southport Red Globe possesses all the valuable qualities of the older variety, and has the additional merit of being much earlier. It will mature as early as Yellow Globe Danvers or Red Wethersfield, and is a hardy onion when its the latter. Lb., $1.00; ½ lb., 30c.; oz., 10c.; pkt., 4c.

LARGE RED WETHERSFIELD—A favorite standard variety and the most profitable Red Onion for the market gardener and farmer. The bulbs are of large size, weighing from 1 to 2 pounds apiece; form round, somewhat flattened; skin deep purplish red, flesh purplish white, moderately fine grained and stronger in flavor than the yellow or white Onions. It is the best keeper. Price postpaid by mail: Pkt., 3c.; oz., 8c.; 1/2 lb., 30c.; lb., $1.00. By express or freight, not prepaid: lb., 60c.; 5 lbs., $2.75.

WHITE GLOBE—A large, globe shaped Onion, firm, fine grained, of mild flavor and good keeping qualities. This is one of the handsomest Onions grown, of beautiful shape, clear white skin, and always commands the highest market price. Our seed is grown from the finest and largest Onions, and will be found ripening early and evenly. We have found these White Globe Onions the best keepers of any. When kept in the cellar along with other varieties none were so nice and sound in the spring as the White Globe. Price postpaid by mail: Pkt., 5c.; oz., 15c.; 1/2 lb., 45c.; lb., $1.08. By express or freight: Lb., $1.00; 5 lbs., $7.75.

EARLY RED GLOBE—Very early and a great favorite in the best Onion seed districts. The Onions are of fine shape; beautiful rich red color; mature quickly from seed, ripen early and at a time when Onions bring a good price, and are therefore very profitable to grow. Price postpaid by mail: Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; 1 lb., 50c.
MAMMOTH SILVER KING—In appearance this is the most striking Onion grown. The bulbs are of attractive form, flattened but thick through. The average diameter is from five to seven and one-half inches, making the circumference from fifteen to twenty-five inches; single bulbs weighing from two and one-half to five pounds each. The skin is a beautiful silvery white; the flesh is snowy white and of a particularly mild and pleasant flavor. So sweet and tender is the flesh, that it can be eaten raw like an apple. It matures early and is of uniformly large size and fine shape. These qualities make it the best for exhibition at fairs, while for the home table it is unsurpassed. Price, postpaid by mail: Pkt., 5c.; oz., 20c.; ½ lb., 55c.; lb., $1.50.


AUSTRALIAN BROWN ONION—A new variety, ripening very early, and being wonderfully hard and solid, will keep in good condition longer than any other Onion. The color of the skin is a clear amber-brown and the quality is sure to please all. Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., $1.00.

WHITE PORTUGAL or SILKSKIN—Very popular on account of its earliness and mild flavor: is largely used for growing sets and pickles, but produces fine Onions from the seed. Pkt., 4c.; oz., 25c.; ½ lb., 65c.; lb., $2.15.

EXTRA EARLY BARLETTA—This is the very earliest Onion grown, being fully two weeks' earlier than the Early White Queen. They are of a pure paper-white color, very mild and delicate in flavor, from 1 to 1½ inches in diameter and ½ of an inch in thickness, with finely formed bulbs. At maturity the tops die down directly to the bulb, leaving the neatest and most handsome little Onion imaginable. Its earliness and fine quality will recommend its use as a substitute for onion sets and it is without a rival for pickles. Pkt., 4c.; oz., 15c.; ½ lb., 50c.; lb., $1.50.

Onion Sets.

Although Onions are grown cheapest from the black 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.


EGYPTIAN or PERENNIAL SETS—Once set out and established these come up year after year. Will stand any climate and produce the earliest green Onions. Pkt., 20c.; qt., 55c.; peck, 90c.

YELLOW MULTIPLIER—We prefer to give our Multipliers to any other Onions on account of their earliness, mildness and pleasant flavor. They can be grown very economically everywhere; they are fully ripe and can be harvested the latter part of June, and the large bulbs are then best sorted out for using and they will keep remarkably well. They are very productive, 5 to 15 bulbs growing from one small bulb set out. We have found it to be first-class and recommend it to our customers and friends for a trial this spring, knowing that they will be fully satisfied with it. Pkt., 15c.; qt., 25c.; 2 qts., 45c.; 4 qts., 50c.; peck, 90c. Not prepaid—pint, 15c.; qt., 22c.; peck, 90c.

THE PRIZE-TAKER ONION—This has become a great favorite on account of its large size and great solidity. It has proved to be an excellent keeper, being of finest flavor and enormous size. It is handsome and very uniform in shape, a nearly perfect globe, with skin of a clean bright straw color. The necks are very small, and the Onions always ripen up hard, and present the handsomest possible appearance in the market, while the pure white flesh is fine grained, mild and delicate in flavor. They grow to immense size, measuring from 12 to 16 inches in circumference, and Onions weighing from 4 to 6 lbs. each have been grown from the seed the first year. Price, postpaid by mail: Pkt., 5c.; oz., 20c.; ½ lb., 55c.; lb., $1.55.

WHITE QUEEN—Small, early, white, used for pickling. Pkt., 1c.; oz., 5c.; lb., 50c.; oz., 15c.; ptk., 5c.

EXTRA EARLY BARLETTA—BEST FOR PICKLING

YELLOW STRASBURG—Later, more flat and larger than the Yellow Danvers. Pkt., 3c.; oz., 15c.; ½ lb., 40c.; lb., $1.20.

GIANT BROWN ROCCA—A fine globe-shaped Onion of very mild and deliciouel flavor, growing to immense size, weighing often 2 lbs. each. Skin is light brown, a good keeper. Pkt., 3c.; oz., 15c.; ½ lb., 50c.; lb., $1.50.

Okra or Gumbo.

DWARF GREEN—The pods when young are used in soups. Pkt., 3c.; oz., 7c.; ½ lb., 25c.

LONG GREEN—A tall, late variety. Pkt., 3c.; oz., 7c.; ½ lb., 20c.

VEGETABLE POD—The pods are round and smooth and much longer than other varieties; ever prickly and very prolific. Pkt., 3c.; oz., 8c.; ½ lb., 25c.
Parsley.

Our Packets of Parsley Contain 1,500 to 2,000 Seeds.

CHAMPION MOSS CURLED—No variety is more attractive; when well grown it resembles a tuft of finely curled moss; is hardy and slow in running to seed. Pkt., 4c.; oz., 8c.; ½ lb., 20c.; 1 lb., 65c.

DOUBLE CURLED—Dwarf, finely curled. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 35c.

PLAIN or SIMPLE—Useful for flavoring soups and stews and garnishing; for flavoring, the green leaves are used; or they may be dried crisp, rubbed to a powder and kept in bottles until needed. Pkt., 3c.; oz., 7c.; ½ lb., 16c.; 1 lb., 55c.

HAMBURG or TURNIP ROOTED—The roots are used in soups, giving them a fine, delicious flavor. Pkt., 3c.; oz., 8c.; ½ lb., 20c.; 1 lb., 60c.

Parsnips.

Our Packets of Parsnip contain from 1,000 to 1,500 Seeds.

IMPROVED GUERNSEY—Has a very smooth skin; is a great cropper; the flesh is fine grained, tender and sugary; considered the best Parsnip for general cultivation. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 45c.

HOLLOW CROWN or LONG SMOOTH—Smooth and large, tender, sugary; one of the best. Pkt., 3c.; oz., 8c.; ½ lb., 15c.; 1 lb., 45c.

STUDENT—A good half long variety, smooth, sweet and of delicious flavor. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 45c.

Pepper.

Our Packets of Pepper contain about 400 Seeds.

LARGE BELL or BULL NOSE—Early, sweet and pleasant to the taste, and less pungent than the other sorts. Pkt., 3c.; oz., 15c.; ½ lb., 50c.

LONG RED CAYENNE—A small, long pointed, slim pod, strong and pungent; furnishes the Cayenne pepper of commerce. Pkt., 4c.; oz., 20c.; ½ lb., 65c.

RUBY KINGS—A mild flavored variety which grows to a large size; often 5 or 6 inches long and 3 or 4 inches thick; of a bright ruby-red color when ripe, and remarkably mild and pleasant to the taste. Pkt., 5c.; oz., 20c.; ½ lb., 65c.

Pumpkin.

NEGRO, BLACK SUGAR or NANTUCKET PIE PUMPKIN—Oblong or bell-shaped, ribbed; outer color of skin very dark green, almost black. Pkt., 3c.; oz., 8c.; ½ lb., 15c.; 1 lb., 45c.

JAPANESE PIE—The flesh is very thick, solid, unusually fine grained, dry and sweet. It keeps well. The seeds are curiously marked. Pkt., 3c.; oz., 8c.; ½ lb., 15c.; 1 lb., 50c.

TENNESSEE SWEET POTATO—Of medium size, pear-shaped, slightly ribbed; color of skin and flesh creamy white; flesh thick, very fine grained, dry, and of most excellent flavor. Pkt., 3c.; oz., 8c.; ½ lb., 20c.; 1 lb., 55c.

CONNECTICUT FIELD PUMPKIN—One of the best for field culture. Pkt., 2c.; oz., 5c.; ½ lb., 10c.; 1 lb., 32c. bu. by freight, 83c.

QUAKER PIE—A very distinct variety, oval in shape, of a creamy color inside and out; the flesh is fine grained and rich flavored and makes superior pies. It is an excellent keeper. Pkt., 3c.; oz., 8c.; ½ lb., 15c.; 1 lb., 50c.

THANKSGIVING PUMPKIN—A new, entirely distinct variety. The average size is about the same as that of the large Cheese Pumpkin, but the flesh is fully twice as thick. We have had specimens to weigh 62 pounds and only have 1¼ ounces of seed in them; the flesh being in some places 6 inches thick. On account of this extra thickness of flesh the yield in pounds is double that of other kinds, as the fruit is produced in as great abundance, if not more. The flesh is orange in color, of fine grain, sweet, and has the delicious pumpkin flavor essential to the making of a first-class pumpkin pie. Pkt., 5c.; oz., 12c.; ½ lb., 40c.
Peas.
Our prices for quarts, peck and bushel are not prepaid, as they are often ordered with large orders for farm seeds, and are then packed together and sent by cheap freight. When quarts are ordered to be sent by mail, please add fifteen cents for postage to the price of a quart.

Note our very low prices for our large packets and half pint which we send prepaid by mail. Our half pints cost less and contain three times as much seed as others will ask you for their packages. One quart will plant about 100 feet of drill. One and one-half bushels, to the acre.

Extra Early Varieties.

First and Best.

**AMERICAN WONDER**—One of the best and most largely grown varieties, and a great favorite everywhere. It grows only 8 to 10 inches high. Peas are large, green, wrinkled and fine flavored. It is very early and ripens in from 40 to 45 days; it needs no brushing and is very productive. Pkt., 5c.; ½ pint, 15c.; pint, 25c.; prepaid; qt., 25c.; peck, $1.75, not prepaid.

**LITTLE GEM**—It is a great favorite for its earliness, fine quality and productivity. It grows about 12 to 14 inches high, needs no brush. Peas are green, wrinkled, large, productive and of excellent quality. Pkt., 4c.; ½ pint, 12c.; pint, 20c., prepaid; qt., 20c.; peck, $1.50, not prepaid.

**NOTT'S EXCELSIOR**—This is a fine new Extra Early Dwarf Green Wrinkled Pea. In earliness it equals American Wonder; in height about 15 inches. In quality equal to Premium Gem, and as a cropper it excels either. In a comparative test with above, side by side, the Nott's Excelsior yielded one-quarter more pods by measure, and by weight one-third more, which shows conclusively that the pods of Nott's Excelsior are more compactly filled with peas; a great yielder, because it can be planted so much closer than tall growing sorts. Price by mail, prepaid; Pkt., 6c.; ½ pint, 15c.; pint, 25c.; qt., 45c. By express or freight, not prepaid; Qt., 30c.; 4 qts., $1.00; peck, $1.75.

**FIRST AND BEST**—This is the standard Extra Early Pea, and a great favorite with market gardeners. It grows very vigorous and ripens very early and ahead of any other and is best of all in quality. It grows about 20 to 24 inches in height, is very productive, pods are long and well filled. Peas are fine in both size and of fine quality. They ripen so well together that nearly the whole crop can be taken at one picking. Pkt., 4c.; ½ pint, 12c.; pint, 20c., prepaid; qt., 25c.; peck, $1.65, not prepaid.

**ALASKA**—This extra early blue Pea is a great favorite for market as well as for home use. Vines are very stout, about 20 inches in height. It is loaded with large, dark green pods, well filled with smooth, blue Peas, much sweeter than any of the white sorts. It is so uniform in ripening that nearly the whole crop can be taken at the first picking. It is one of the most desirable extra early Peas for market gardening. Pkt., 4c.; ½ pint, 10c.; pint, 18c., prepaid; qt., 20c.; peck, $1.50, not prepaid.

Mr. Otto Seibel, Ivesdale, Ill., writes us: "I have purchased seeds of you for the past nine years and always had good results with them. Moreover, your price always speaks very highly of your Garden Seeds. You can get seeds everywhere, but to get them true to name, and that when you get a package you can depend upon it, makes you value your seeds so highly.

Gradus.
**Peas, Second Early and Main Crop Varieties.**

**ABUNDANCE**—A good second early variety, growing about 15 to 18 inches 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; one of the most productive of all Peas and the best of its season. Pkt., 1 oz., ½ pint, 10c.; pint, 15c., prepaid; qt., 20c.; peck, $1.50, not prepaid.

**EVERBEARING**—Grows from 1½ to 2 feet high, of branching habit. Pods are 2 to 4 inches long, containing from 6 to 8 large wrinkled Peas. It produces new blossoms after repeated pickings, continuing remarkably long. Very productive and the Peas are of a delicious flavor. Height 4 to 6 feet; Peas green, wrinkled and very large. Pkt., 1 oz., ½ pint, 10c.; pint, 15c., prepaid; qt., 20c.; peck, $1.50, not prepaid.

**CHAMPION OF ENGLAND**—One of the very best in every respect. A good late variety. It is very productive, and its Peas are of a delicious flavor. Height 4 to 6 feet; pods large, round and filled with rich, tender, delicious Peas. Pkt., 1 oz., ½ pint, 10c.; pint, 15c., prepaid; qt., 20c.; peck, $1.50, not prepaid.

**PRINCE OF WALES**—A bushel of pods will give about twice the number of Peas of any other sort, and in quality they are unsurpassed. Pkt., 1 oz., ½ pint, 10c.; pint, 15c., prepaid; qt., 20c.; peck, $1.50, not prepaid.

**PRIDE OF THE MARKET**—Is a strong growing Pea 2 feet high, wonderfully productive. The pods also are of large size and handsome appearance, and the Peas are of splendid quality. Similar to Stratagem and Telephone. Pkt., 1 oz., ½ pint, 16c.; pint, 20c., prepaid; qt., 25c.; peck, $1.50; bu., $6.00.

**Radishes.**

Pride of the Market.

For the market gardener this is one of the most productive crops to grow, and for the home garden it is also a very important crop; nothing will taste so good as radishes grown in your own garden and put fresh from there on the table. They are very easily grown. One ounce of seed is sufficient for 100 feet of drill; 9 to 10 pounds for an acre.

**EARLIEST ERFURT RADISH**—It is a well known fact that the market gardener who brings the best vegetables to market makes the most money out of them, and this is specially true of radishes. We have made with our "Earliest Erfurt" alongside of other so-called early varieties, such as "Trent Day," "Early Bird," etc., have proven it to be from 3 to 9 days earlier than any of them and more attractive. Shape is very regular; color of skin a rich scarlet; flesh unusually tender, crisp and delicious; especially delightful when coming early in the spring. Very good for either forcing or planting in the garden in spring and through the summer. Pkt., 4c. oz., 8c. ½ lb., 15c. 1 lb., 50c.

**WHITE GLOBE RADISH**—Of beautiful round form, pure white skin and flesh, which is very crisp. It grows quickly and withstands summer heat. Pkt., 5c. oz., 8c. ½ lb., 15c.

**white tipped Early Scarlet Globe.**

**WHITE-TIPPED EARLY SCARLET GLOBE**—A very good forcing Radish, being of extremely quick growth, maturing in about 3 weeks. It is of very attractive appearance, being of a bright scarlet with a white tip; very tender and crisp; superior flavor. Pkt., 4c. oz., 8c. ½ lb., 15c.; 1 lb., 50c.

**WHITE GLOBE RADISH**—Of beautiful round form, pure white skin and flesh, which is very crisp. It grows quickly and withstands summer heat. Pkt., 5c. oz., 8c. ½ lb., 15c.

**non-plus Ultra Radish**—This is one of the very best and most valuable Radishes for either the market gardener or the home gardener. On account of its remarkably quick growth and very short top it is one of the best for forcing. It is of fine, round form and bright scarlet color. The flesh is tender and of delicate flavor. Pkt., 4c. oz., 8c. ½ lb., 15c.; 1 lb., 50c.

**FRENCH BREAKFAST**—One of the best for forcing. It is of a beautiful oval shape, and deep scarlet color. Is of very quick growth; for garden culture or home use it is not excelled; is very crisp, tender and fine flavored. Pkt., 3c. oz., 6c. ½ lb., 15c.; 1 lb., 50c.

**LONG SCARLET WHITE TIPPED**—Very early and attractive, long, and one of the brightest scarlet, while the tails are tipped white. Of the very best flavor and quality. Pkt., 4c. oz., 8c. ½ lb., 15c.; 1 lb., 50c.

**LADY FINGER or LONG WHITE VIENNA**—This is one remarkably quick growth; pure white, both skin and flesh; crisp, mild and tender. Pkt., 3c. oz., 6c. ½ lb., 15c.; 1 lb., 50c.

**WHITE STRASBURG SUMMER**—This variety is of handsome oblong shape, taper beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender and of a delightful pungent taste. Pkt., 4c. oz., 8c. ½ lb., 20c.; 1 lb., 70c.

There is much cheap and spurious seed being offered. Procure your stock from us and have it reliable.

**WHITE STUTTGART**—Both flesh and skin pure white; grows to a very large size; flesh firm, brittle and of good flavor. Pkt., 3c. oz., 6c. ½ lb., 15c.; 1 lb., 50c.

**ROY'S GEM**—One of the earliest; perfectly globular; color, rich deep scarlet at top, blending into pure white at the bottom; exceedingly tender and crisp; for forcing or market. Suitable for market or home garden. Pkt., 5c. oz., 10c. ½ lb., 20c.; 1 lb., 50c.

**OLIVE-SHAPED SCARLET**—The best mark for market gardener's scarlet for early forcing and outdoor planting. It is very even, smooth and of a rich, deep scarlet color. Pkt., 5c. oz., 10c. ½ lb., 20c.; 1 lb., 50c.
Winter Radishes.

**CALIFORNIA MAMMOTH**—Grows very large, about 1 foot long and 2 or 3 inches through; skin and flesh pure white, solid, tender and crisp, and keeps well through the winter. Pkt. 4c.; oz. 8c.; ½ lb., 15c.; lb., 50c.

**CHINA ROSE or SCARLET CHINA WINTER**—A good winter Radish; flesh firm, crisp and good flavor; very uniform in size and shape; about 5 inches long. Pkt. 3c.; oz. 8c.; ½ lb., 15c.; lb., 50c.

**LONG BLACK SPANISH**—One of the handiest and best keeper; skin black; flesh firm and white, of good flavor. Pkt. 3c.; oz. 8c.; ½ lb., 15c.; lb., 50c.

**ROUND BLACK SPANISH**—Grows to a good size; is of oval shape; flesh white, solid, very tender, and keeps well through the winter. Pkt. 4c.; oz. 8c.; ½ lb., 18c.; lb., 58c.

**WHITE CHINESE**—(New Celestial)—A large, stump-rooted radish with white skin and flesh. Can be sown from July 1st to August 15th and will keep all winter in prime condition. It is in flavor, brittle and never woody like some winter varieties. Great market growers will find this a splendid seller and those who secure it first will make some money out of it. Pkt. 5c.; oz. 10c.; ½ lb., 30c.; lb., 90c.

**Rhubarb. Pie Plant.**

**LINNAEUS**—The best in cultivation. Early, large, very tender, and free from the tough, stringy skin of other varieties. Pkt. 3c.; oz. 10c.; ½ lb., 35c.

**VICTORIA**—Grows much larger than the above; it may sell better in market, but is not as good for home use. Pkt. 3c.; oz. 10c.; ½ lb., 35c.

**SCORZONERA or BLACK SALSIFY**—One of the hardest and heaviest yielding varieties; leaves are large, thick and curled like Savoy Cabbage. Pkt. 3c.; oz. 5c.; ½ lb., 35c.

**ROUND THICK LEAVED**—One of the best market sorts in general use. Leaves are large, thick and somewhat crumpled. Pkt. 3c.; oz. 5c.; ½ lb., 12c.; lb., 35c.

**Salsify, or Vegetable Oyster.**

**LONG WHITE**—This is a standard variety. Salsify is one of the most delicious and nutritious vegetables and should be more generally cultivated for winter use. Pkt. 3c.; oz. 10c.; ½ lb., 35c.; lb., 81.25.

**MAMMOTH SANDWICH ISLAND**—A new and improved type, producing roots of nearly double the size and weight of the Long White, and of equally good quality. Pkt. 3c.; oz. 10c.; ½ lb., 35c.

**ESSEX HYBRID**—A very productive squash of the finest quality, and an excellent keeper. Squashes having been kept until June and as good and sweet as when gathered. It is of excellent quality, quick growth, and can be raised successfully as a second crop, following early potatoes, etc. Pkt. 3c.; oz. 5c.; ½ lb., 15c.; lb., 50c.

**HUBBARD**—A great favorite, and more extensively grown for market than any other variety. Of good size; color dark green; shell very hard; flesh yellow, fine-grained, dry and sweet. It is the standard of excellence in quality, and all planters will find it to their advantage to plant our Minnesota-grown seed and by so doing, not only secure the best strain, but insure earliness in maturity. Pkt. 3c.; oz. 5c.; ½ lb., 15c.; lb., 50c. Write for prices on large quantities.
THE FAXON—The flesh is a deep orange yellow with small seed cavity; excellent to cook while yet green. It matures early and is one of the best keepers. A peculiar and interesting variety, as the fruit produced is not of one type, but of various shapes and sizes and of different colors, but without regard to shape, size and color they cook dry and are sweet and rich. Pkt., 4c.; oz., 8c.; lb., 15c.; 1b., 50c.

GOLDEN HUBBARD—A perfect type of the Green Hubbard, except in color, which is a bright, deep orange yellow, very showy and attractive. Flesh, deep golden yellow, much richer in color than Hubbard, fine grained, cooks very dry, and is of excellent flavor. Its keeping qualities are fully equal to, while in productivity it far excels, the green variety. Pkt., 3c.; oz., 10c.; lb., 30c.; 1b., $1.00.

PIKES PEAK or SIBLEY—One of the sweetest, driers and best of all late Squashes. The form is entirely distinct, being pear shaped. The shell is hard and very flinty, yet thin and smooth, and of a pale green color; the flesh thick and solid, brilliant orange color, very dry, fine grained, and a rich delicate flavor; weigh from 8 to 10 pounds. Vines are remarkably vigorous and wonderfully productive. The whole crop seems to ripen at once, as soon as or before the Hubbard, and is one of the very best keepers and shipper. Pkt., 3c.; oz., 10c.; 1b., 15c.; lb., 45c.

EARLY ORANGE MARROW—A decided improvement on the old Boston Marrow, being 2 weeks earlier, far more productive, and a much better keeper. Skin of a brilliant red, very thick; orange color, fine grained, and of excellent quality. Cooks dry and is one of the best Squashes from September until January. Pkt., 3c.; oz., 8c.; 1/2 lb., 15c.; lb., 50c.

MAMMOTH CHILLI—The "big" exhibition squash, the largest of all, often weighing over 200 pounds. There is a record of one Squash having been grown that weighed 223 pounds. The flesh is very thick and of a rich yellow color; skin smooth and bright orange color. Pkt., 4c.; oz., 8c.; 1/2 lb., 20c.; 1 lb., 60c.

CANADA WINTER CROOKNECK—A well known variety of Winter Squash of good quality. Pkt., 3c.; oz., 8c.; 1/2 lb., 15c.; lb., 50c.

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, and of unsurpassed flavor. Pkt., 3c.; oz., 8c.; 1/2 lb., 15c.; lb., 50c.

VEGETABLE MARROW—A favorite English variety. Flesh white and of a rich flavor. Pkt., 4c.; oz., 8c.; 1/2 lb., 30c.

SUMMER CROOKNECK—One of the best summer varieties. Skin golden and warty. Pkt., 4c.; oz., 8c.; 1/2 lb., 15c.; lb., 60c.

Squash, Summer Varieties.

THE NEW STONE—This has given great satisfaction to all who have grown it. It ripens for main crop; is very large, flesh exceedingly solid, heavy and firm (hence its name). It is of a bright scarlet color, very smooth; ripening evenly to the stem without a crack; in quality the very best, no hard core, and is an excellent keeper, making it a good shipper. For canning it is unequalled. Pkt., 4c.; oz., 15c.; 1/2 lb., 15c.; lb., $1.00.

ADVANCE—Very early: the Tomatoes are of fair size, bright red, very solid and with no green core. The vines are loaded with fruit. Pkt., 3c.; oz., 15c.; 1/2 lb., 10c.; lb., $1.40.

DWARF CHAMPION—The extraordinary fruiting qualities of the Dwarf Champion Tomato places it easily in the lead of all other Tomatoes in point of productiveness. The fruit is always symmetrical and attractive in appearance; the skin is tough and the flesh solid. Pkt., 4c.; oz., 15c.; 1/2 lb., 50c.; lb., $1.60.

THE NEW PEACH—A most delicious and unique Tomato. Fruit uniform, resembling a medium sized peach in form and color, even to having the down or fuzz of the peach. The flavor is remarkably fruity and delicious; the best of all for eating from the hand. Skin very thin and readily peeled. Pkt., 4c.; oz., 15c.; 1/2 lb., 60c.; lb., $1.75.

LIVINGSTON'S PERFECTION—Is shaped like the Acme, larger, fully as early, perfectly smooth, blood red in color, very solid and a heavy cropper. Pkt., 3c.; oz., 12c.; 1/2 lb., 40c.; lb., $1.40.

PONDEROSA—Very large and is highly commended in many localities. Like all other mammoth sorts, however, there is a considerable proportion of very small ones and some with hard green spots around the stem. Our seed is pure. Pkt., 3c.; oz., 12c.; 1/2 lb., 30c.; lb., $1.30.

TOMATOES.

Our Packers of Tomato contain from 1,200 to 1,500 seeds.

WHITE BUSH SCALLOPED—Earlier than any other variety; of dwarf habit and very productive, and occupies less room on the ground than any other sort. Pkt., 4c.; oz., 8c.; 1/2 lb., 10c.; lb., 50c.

YELLOW BUSH SCALLOPED—Similar to the White Bush, but of a deep orange color. Flesh pale yellow. Pkt., 3c.; oz., 7c.; 1/2 lb., 10c.; lb., 55c.

EARLY MINNESOTA TOMATO—There is a great demand for early Tomatoes, and no wonder, for all lovers of this delicious fruit await its coming into market with much impatience. This handsome new variety which we now offer we claim to be the earliest Tomato grown. In addition to this, a very important point seems to have been secured in shape, color and flavor. Fruit is fair size, of good shape, smooth, dark red color, ripens even, remains solid a long time and never cracks. For earliness it is not approached by any good Tomato. Another desirable feature is its great solidity, a bushy of them, on this account, being worth more than those of any other early Tomato. Pkt., 5c., oz., 25c.; 1/2 lb., 60c.; lb., $2.25.

"Yesterday (July 9th) I took the first ripe Early Minnesota Tomatoes to market and received 10 cents per quart or $1.20 per bushel. Your Early Minnesota Tomato is the best and earliest I ever raised," so writes Mr. J. Schunck, July 10th, 1898, from Celina, Ohio. "I had the earliest, best and most Tomatoes in the county, and the same with everything else. Your seed was the best I ever bought."

FRED GOLDBAMMER.

Delmont, S. D.

very solid and a heavy cropper. Pkt., 3c.; oz., 12c.; 1/2 lb., 40c.; lb., $1.40.

FAVORITE (Livingston's)—Large, early and smooth and a good shipper. Pkt., 3c.; oz., 12c.; 1/2 lb., 35c.; lb., $1.30.
BEDELL’S LONG ISLAND—This Tomato is from the famous garden section of Long Island, and it is the finest Large Red Tomato to be found on the New York market. Its fine appearance and solid character makes it a favorite wherever known. It is without a peer and stands alone as the best LARGE TOMATO on earth. Cut shows fruit about one-third average size. Pkt., 25¢; oz., 50¢; lb., $1.00.

RED CHERRY—Fine for pickling and preserves. Ripens ahead of any other variety. Pkt., 5¢; oz., 20¢; ½ lb., 50¢.

YELLOW PLUM—A clear yellow; splendid for preserves. Pkt., 5¢; oz., 20¢; ½ lb., 50¢.

PEAR-SHAPED YELLOW—Used for preserves and pickles. Pkts., 5¢, and 10¢; oz., 20¢; ½ lb., 60¢.

IMPROVED YELLOW GROUND CHERRY—It is a great improvement on the wild Ground Cherry. They grow well on almost any dry soil, are easier raised than the Tomato, are prolific bearers, and the fruit is delicious. For sauce or pies they are excellent, and they are delicious as preserves. If put in a cool place, they will keep in the shuck nearly all winter. Pkt., 5¢; ½ oz., 20¢; oz., 35¢.

PURPLE HUSK TOMATO—This is quite popular in some places. The plants produce handsome purple fruit in great abundance, which is enveloped in a husk similar to the Yellow Ground Cherry. Pkt., 5¢; ½ oz., 20¢; oz., 35¢.

New Matchless Tomato.

Turnips.

Our packets of Turnips contain about 3,000 Seeds on the average.

PURPLE TOP MUNICH—The earliest variety after the Rep Top Milan. Good quality and shape; color white, with purplish-white top; very productive. Pkt., 4¢; oz., 2¢; ½ lb., 10¢; lb., 35¢.

EARLY RED or PURPLE TOP STRAP LEAF—A general favorite with all, and more largely grown than any other Turnip, will do well sun or shade, and will form good sized bulbs in 7 or 8 weeks. Pkt., 4¢; oz., 7¢; ½ lb., 15¢; lb., 45¢.

EARLY WHITE STRAP LEAVED or FLAT DUTCH—An excellent garden variety; differs from the Red only in color, and is very popular either for table use or for market. The best variety for spring sowing. It grows quickly, comes early; has a clear white skin, the flesh is juicy, of mild flavor and excellent quality. The bulbs are smooth and entirely free from small roots. Pkt., 3¢; oz., 7¢; ¼ lb., 12¢; lb., 40¢.

WHITE SIX WEEKS TURNIP—A new, very early Turnip, with fine, large, smooth bulbs. The flesh is hard, solid, fine grained, and of the choicest quality. It matures very rapidly. Pkt., 4¢; oz., 6¢; ¼ lb., 15¢; lb., 50¢.

Tree Tomato.
Turnips (Continued.)

**GOLDEN BALL or ORANGE JELLY**—One of the most delicious and sweetest yellow-fleshed Turnips. The flesh is of very fine texture, making it one of the best table varieties. Its beautiful color and fine flesh have earned for it the name "Orange Jelly," which well describes its appearance when ready for the table. The bulbs are of medium size with small tap roots, mature early and keep well. Pkt., 4c.; oz., 8c.; ¼ lb., 15c.; ½ lb., 50c.

**POMMERNIAN WHITE GLOBE**—One of the best main crop varieties, with snow white flesh and skin. A very good market sort; keeps well into the winter, and very fine for the table, but also used much for stock. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; ½ lb., 50c.

**NEW WHITE EGG TURNIP**—For all round variety this is one of the best Turnips. It is a good keeper and excellent, either for early or late sowing. It is of very rapid growth. The flesh is very solid, firm and fine-grained, and of sweet, mild flavor. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; ½ lb., 50c.

**GREEN TOP SCOTCH (YELLOW)**—Another excellent kind which is but little used. It is very hardy, productive, good keeper and of fine quality. Pkt., 2c.; oz., 5c.; ½ lb., 10c.; 1 lb., 35c.

**COW-HORN or LONG WHITE**—This variety is carrot-like in form, growing nearly half out of the ground, and generally slightly crooked. It is white, except a little shade of green at the tip. It is delicate and well flavored. Withstands dry weather better than any other variety of Turnip. Pkt., 3c.; oz., 7c.; ½ lb., 15c.; 1 lb., 45c.

**Rutabagas.**

**HURST'S MONARCH**—This grand, new and distinct form of the Rutabaga is, we believe, by far the best of all. The roots are of tankard shape, with very small neck; skin dark red above ground and yellow below; flesh rich yellow, fine grained and best quality. For earliness, quality and weight it is superior to any variety in cultivation, producing from 2 to 7 tons per acre more than any other Rutabaga. The large percentage of saccharine matter contained in the Rutabaga makes it very palatable and nutritious to stock feeders on it. Pkt., 4c.; oz., 6c.; ¼ lb., 15c.; 1 lb., 50c.

**SCARLET KASHMYR**—A new and distinct variety. The outside skin is of a beautiful deep scarlet color, the flesh is pure white, crisp, tender, fine grained and very solid. It is a "first early" of finest table quality. Pkt., 4c.; oz., 6c.; ¼ lb., 15c.; ½ lb., 20c.; 1 lb., 75c.

**YELLOW ABERDEEN**—Yellow flesh of fine texture, nutritious, very hardy, productive and a good keeper. Pkt., 3c.; oz., 7c.; ¼ lb., 12c.; 1 lb., 50c.

**BUDLONG**—An American Rutabaga, earlier and rounder than any other of the Sweet German, Improved White French, Rock or Russian turnips, all of which names are given, in different localities, to the white Rutabaga, or various strains of it. Mr. Budlong, probably the most extensive raiser of Rutabagas in New England, has, by years of careful selection, produced this excellent strain. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; 1 lb., 75c.

**IMPROVED AMERICAN**—Very popular and has for years been considered the leading yellow-fleshed variety; very solid, fine quality; valuable for the table and feeding stock. Very hardy and productive; excellent shape, with small neck and smooth skin; keeps well. Our strain is choice. Pkt., 4c.; oz., 6c.; ¼ lb., 15c.; 1 lb., 50c.

**SKIRVING'S PURPLE TOP**—A fine table or stock feeding variety; flesh solid and sweet, very heavy cropper and a good keeper. Pkt., 1c.; oz., 5c.; ¼ lb., 15c.; 1 lb., 60c.

**LONG ISLAND IMPROVED PURPLE TOP**—This is undoubtedly the finest variety of Purple Top Rutabaga, and is twice the size of the ordinary stocks. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 65c.

**Tobacco.**

The following varieties of Tobacco Seeds, which have been carefully grown, are true to name and of best vitality. We can recommend them to our patrons:

**Prices on all varieties including postage:** Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; ½ lb., 90c.

**BIG HAVANA**—A hybrid Havana or Cuban Seed leaf. A heavy cropper, of fine texture, delightful flavor and the earliest cigar variety.

**CONNECTICUT BURLEAF**—One of the most popular varieties, and in many localities the staple crop.

**HESTER**—Very broad leaved, fine growing plant of the bright yellow leaf variety.

**MIXED TOBACCO SEED**—Pkt., 5c.; oz., 20c.; ¼ lb., 60c. 

Market gardeners and others using larger quantities of vegetable seeds should write us for special prices, which we shall be pleased to quote by return mail. We have raised a fine crop of Onion Seeds from carefully selected bulbs. You find them fully described on pages 45 and 46. We are sure our Seed will please you.
Flower Seeds.

Our selected list of beautiful flowers—Our patrons will find here an up-to-date list of the most desirable, choicest and popular varieties, and nearly all easy of cultivation. Space does not permit of many illustrations, but the few that we add will be of material aid in your selections. Cultural directions in colors in parentheses are printed on each package; only a few varieties excepted out of the several hundred we have. In the size of our packets we aim to be as liberal as possible, almost without exception a little more than others can give. While our prices are lower than other offers, they are reduced to the minimum and our customers have the benefit. Everybody can have an abundance of flowers, at our popular prices. Abbreviations: A., annual; P., perennial; H., hardy. Please order by number only; if you write the name do not omit the number.

### Packet

1. **Abutilon.** A. A pretty trailing plant with sweet scented flowers.
2. **Acanthus.** A. Richly scented flowers, mixed.
3. **Aconitum.** A. Monk's hood; not fine for bedding. Mixed.
5. **Agaratum.** A. Very fine for bedding, remaining in bloom all summer. Finest mixed.
7. **Alyssum.** Sweet, A. Very fine free blooming; excellent as a cottage plant.
8. **Little Gem, or dwarf, compact growth. Flowers very fragrant.**

### Aster.

9. **Aster.** Great Favorites, Beautiful and Popular Plants.
10. **New Victoria.** White...
11. **Blue.**...
12. **Rose.**...
13. **Tall Mixed.**...
15. **Imported Collection of Paeony Aster.** 200 seeds.
16. **Chrysanthemum Aster.** Finest mixed.
17. **Dwarf Bouquet Aster.** Finest mixed.

### Calendula.

18. **Calendula.** Single mixed (150 seeds in packet). 3
19. **Cyclamen.** Single mixed (150 seeds in packet). 3
20. **Candytuft.** Well known favorites. White...
21. **Scarlet.**...
22. **Mixed.** 3
23. **Dwarf Bouquet Calendula.** A choice mixture of Dwarf growing, Candytuft with flowers twice the size of the older kind, in a large variety of colors 6

### Balsams.

24. **Begonia.** Vernon. The best for bedding out. Easily grown from the seed. Flowers are brilliant orange carmine, produced in immense quantities (about 300 seeds in packet).
25. **Bells.** See Double Daisies No. 100.
26. **Bridal Veil.** P. Well adapted for hanging baskets, edgings, and rock work, and valuable for bouquets or vases; 100 seeds.
27. **Brachycome.** (Swan River Daisy).
28. **Brownia.** A.
29. **Bird of Paradise.** Flowers golden yellow, 2½ inches across. The large pistils, which are spread out in fan-like form, are of beautiful crimson color. If the seed is started early, it will bloom the first year. Packet contains 200 seeds.

### Calliopsis.

30. **Calliopsis.** A lovely flower, the seeds are produced in large quantities, are of a beautiful scarlet color.
31. **Mixed.** 3

### Farner Seed Co.'s Garden City or Park Lawn Grass Seed is not excelled by any for producing a smooth, even, velvety-green lawn that will withstand drought and hard usage. The seed will make a handsome appearance in a few months, and the grass plot three things are necessary to insure success: First, to prepare the ground so as to have a fine, smooth seedbed; second, to put in plenty of seed, never less, but rather more, than the directions call for; third, to start the lawn mower as soon as the weeds (which are always in the ground first) are tall enough to catch, and keep them mowed close till the grass has time to start and become well established.

### Comet or Poodle Asters.

32. **Dwarf German Asters.** Finest mixed.
33. **Comet or Poodle Asters.** covered with cymosum shaped, large double flowers, mixed colors...
34. **New Branching Asters.** Finest mixed colors.
35. **Tall Asters.** Many colors mixed.
36. **Single Asters.** Many colors mixed.

**Premium** if you order $5.00 worth of Flower Seeds, Shrubs, Roses and Annual Fruit Plants (must be ordered at one time and sent to one address), you may select any Book or Book on our list to the amount of $1.00.

Books listed on third cover page.
<table>
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<th>Packet.</th>
<th>62. Cannia, Fine mixed</th>
<th>5</th>
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| 63. Carnations, Pendulent varieties, Popular favorites, and indispensable for both pot culture in the green house, window garden and open ground culture in summer. Finest German double mixed, of innumerable colors and delicious perfumes, 125 seeds in packet... In 4 months from sowing the seed. It produces flowers very abundantly and of the richest colors. 125 seeds in packet... Over 100 Carnation Plants from seed for only 5 cents. Just think!... | 64. Carnation, New, Margaret. Blooms in 4 months from sowing the seed. It produces flowers very abundantly and of the richest colors. 125 seeds in packet... 59

**Carnation.**

63. Catchfly, A... 3
65. Celosia, A. (Gazanum), Dwarf, scarlet... 5
67. Centaurea Cyanus, also called Bachelor's Button, Blue Bottle, Cornflower, Ragged Robin, etc., A. Mixed colors... 4
68. Centaurea Cyanus, blue (Emperor William)... 4
69. Centaurea Cyanus, white... 7
70. Centaurea Cyanus, Dusty Miller, P. These are foliage plants, much used in beds or borders. Very fine silvery leaves... 5

Chrysanthemum. There is no class of Flowers which will produce such results with so little care as these. They bloom all summer and are much grown for cut flowers. Double in the following separate colors:

71a. Golden, 7th. Scarlet and the White. Per packet of each... 7
72. Chrysanthemum, Double, finest colors mixed... 10
73. Chrysanthemum Maximum, large orange daisy. Fine, large, single white flowers... 7
74. Chrysanthemum, Single, finest colors mixed... 7
75. Chinese and Japanese Chrysanthemums. Sown in February or March they will bloom in the Fall equal to plants started from cuttings. Finest mixed... 10

**Chrysanthemum.**

76a. Castor Bean. (Ricinus.) Mixed... 4
76b. Cineraria Hybrida, P. Finest mixed... 5
77. Clarkia, A. Finest colors mixed... 3
78. Cleome Punicea, A. The Giant Spider Plant. One of the best honey producing plants. The flowers are very showy... 7
79. Chihastia Damiscus, (Glory Pen.) One of the most gorgeous flowers cultivated, with clusters of pinnated, bright scarlet flowers. Plants grow about 2 ft high... 8
80. Coleus, P. The hand sown, valuable foliage plant in an endless variety of colors and shading. Easily grown from seed. About 150 seeds in packet... 3
81. Collinsia, A. Free blooming, early grown... 7
82. Convallaria Minor, or Dwarf Morning Glories. All colors, mixed... 4
83. Cosmos, A. Mammoth Perfection, finest mixtures of all colors... 8
84. Cosmos, Giants of California. Best mixed... 3
85. Cuphea, or Cigar Plant, A... 5
86. Cynoglossum, A. Few flowers are more easily grown and more free flowering... 7
87. Chinese Lantern Plant. The husks are brilliant scarlet, presenting a beautiful appearance among the green branches. In these husks or "lanterns" is the fruit of deep red color, which is superior to the Winter Cherry for cooking, preserving or cutting raw... 8
88. Dahlia. Easily grown from seed. Single and double mixed... 59

**Geranium.**

90. Coleus, P. The hand sown, valuable foliage plant in an endless variety of colors and shading. Easily grown from seed. About 150 seeds in packet... 3
91. Collinsia, A. Free blooming, early grown... 7
92. Convallaria Minor, or Dwarf Morning Glories. All colors, mixed... 4
93. Cosmos, A. Mammoth Perfection, finest mixtures of all colors... 8
94. Cosmos, Giants of California. Best mixed... 3
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98. Dahlia. Easily grown from seed. Single and double mixed... 59

**Cosmos.**

99. Delphinium. See Larkspur, No. 119 to 122. 4
100. Double Daisies or Bellis, P. A charming little flower, well known. Finest German double mixed. (About 150 seeds in packet)... 5
101. Double Daisies or Bellis, Single... 10
102. Eschscholtzia, California Poppy, A. Finest mixed colors... 6
103. Eschscholtzia, California Poppy, P. Mixed... 4
104. Edgeworth, Famous Alpine plant... 6
105. Eschscholtzia, or California Poppy, A. Finest mixed colors... 6
106. Euphorbia, or Fire Plant, A... 4
107. Euphorbia, A. H. 500.... 4
108. Feverfew, or Matricaria, a lovely one for fashioned plant, double white... 5
109. FORTIME-NEOT or Mysostis. 5

**Eschscholtzia.**

110. Palustris, The true marsh Forget-Me-Not... 4
111. Paeonia, or Fox Glove, P... 3
112. Peonies. See Paeonia, No. 111 to 114. 4
113. Peace. Easily grown from seed and will blossom the first year... 4
114. Phlox, Finest varieties... 4
115. Phlox, Single and mixed, 25 seeds in packets... 10
116. Plectranthus, or Blanket Flower. Single mixed... 3

**Geranium.**

119. Geraniums, P. Can be easily grown from seed. Splendid mixed... 2
120. Gillia, A. Choice mixed... 2
121. Gypsophila, or Angel's Breath, H. A. Finest mixed... 3
122. Godetia, H. A. Many sorts and colors mixed... 3
123. Golden Rod, H. P... 4
124. Helianthus. See Sunflower, No. 296-299... 6
125. Heliotrope, P. Finest mixed... 4
126. Hesperis, or Sweet Rocket... 8
127. Handsome, A... 3
127. Hollyhock, P. Chater's Prize, the finest strain of double flowering Hollyhocks grown, in the following separate colors: 126a, white; 126b, red; 126c, yellow; and 126d, black. Per Packet (70 Seeds) of each color... 8
128. — Finest mixed, double... 8
129. — Single mixed, all colors... 8
130. — New Mammoth Flowering Allegheny Hollyhock... 8
131. The finest of all, blooms the first year from seed... 10
132. Heuchera Sanguinea. Exceedingly handsome and valuable for Cut Flowers. Produces long trusses of the brightest crimson Flowers... 4

**Heliotrope.**

Double Japan. 96. Dianthus, Double Japan Pink, mixed colors... 6
97. Dianthus, Single Japan Pink, mixed colors... 4
98. Dianthus, Pluriannual, (Pleasant's Eye Pink). The old fashioned Grass Pink, very double... 4
LARKSPUR or Delphinium. Annual varieties.
131. Larkspur, Giant Hyacinth, flowered, splendid mixed 3
132. Larkspur, Emperor, finest mixed 3
133. Perennial Larkspur For- monium, fine blue 3
140. Lantana Hybrid, Splendid bedding plants, choice mixed 5
141. Lavatera, A. Lilac 2
142. Lobelia Grandiflora, Scarlet 2
143. Lobelia Cardinalis, Scarlet 2
144. Lobelia, Erinus, Emperor William, Dwarf, dark blue 5
145. Lobelia, White Gem 4
146. Lobelia, Patersoniana, white and blue 3
147. Lupinus, Tall, fine mixed 3
148. Lupinus, Dwarf varieties, Mixed 3

LYCHNIS. Handsome and highly ornamental, of easy culture. Pkt.
143. Lychins, Chalcedonics, Scarlet 3
145. Lychins, Haageana. Splendid bright scarlet 4

MAURICE, Double French, finest mixed 3
132. Marigold, Double African, finest mixed 2
133. Marigold, Legion of Honor, dwarf, single 5
Matricaria. See Feverfew, No. 108
150. Marvel of Peru. See Four O’clock, No. 116.

MIGNONETTE. A well known old favorite.
134. Mignonette, Giant Machel. The best for all purposes 2
150. Mignonette, Golden Queen. Fragrant, golden flowers 3
151. Mignonette, Imperialis. Deep red flower spikes 4
152. Mignonette, Sweet Scented, large flowering. The most fragrant variety; oz. 10c. 2

Sensitive Plant.
150. Mimosa Pudica, A. Sensitive plant 8
151. Mimulus or Monkey Flower 3
155. Mimulus Cardinalis. Splendid scarlet 4
160. Mimulus Moschatana. (Musk plant) 4
161. Mimulus, Hybridus Grandiflorus. Mixed 5

NASTURTIUMS.

Dwarf, or Tom Thumb Varieties.
135. Beauty. Striped, red and yellow 4
136. Chameleon. Crimson, yellow and brown 4
137. Crystal Palace Gem, Sulphur spotted 3
138. Empress of India. Dark foliage, crimson flowers 4
139. King Theodore. Dark maroon 3
140. Pearl. Creamy white 4
141. Ruby King, Ruby 4

Dwarf Nasturtiums, finest mixtures of many colors, packet, 4c., oz. 10c.; 1/2 lb., 40c.

TALL OR CLIMBING NASTURTIUMS.
174. Finest Mixture of Lobes Nasturtiums. Remarkable for the brilliancy of the flowers; packet, 3c.; oz., 50c.; 1 lb., 75c.
175. Madam Gunther’s Hybrids. Remarkable for their wide range of color and large substantial flowers of the most brilliant shades; packet, 1c. 3

LYCHNIS. Handsome and highly ornamental, of easy culture. Pkt.

PANSIES.
We secure only the finest and best strains of the most reliable German growers. Try our Pansies and you will be pleased.

Our packets contain about 200 seeds.
The following varieties are all Large Flowering Pansies.

Nigella.
Packet.

183. Dark Blue or Black-Blue 5
184. Dr. Faust or King of the Blacks 5
185. Emperor William. Brilliant blue 5
186. Fire King, Red 5
187. Golden Queen, Beautiful clear yellow 5
188. Improved Striped 5
189. Peacock. Coloring truly beautiful 6
190. Prince Bismark, Bronze 5
191. Rainbow, Very beautiful 5
192. Snow Queen. Beautiful lilac, white 5
193. Violet Blue 4
194. Silver Edge, Dark mahogany with white margin 4
195. Gold Edge, Mahogany with yellow margin 5
196. Chicago Parks Bedding Pansies. Finest mixture of these varieties 5
197. Good Mixed. An excellent strain; oz.: $1.25 3
198. Giant Prize Pansies. Enormous, large flowering, of compact growth and superb coloring. Our Imperial Mixture contains the finest of the German Giant Pansies 10

ART PREMIUMS.
In all this broad land does nature furnish us a silent beauty that casts a more wholesome influence than the multitudes of beautiful flowers? Our flower seeds are first-class in every respect, and sure to grow. Any boy or girl under 16 years of age can secure a fine collection of Art Souvenirs by a little effort among their neighbors; one with a 10c. order, 3 with a 5c. order, 7 with a 50c. order, 13 with an $1.00 order. These works of Art are in 12 colors on fine card board 3½ by 4½ inches in addition to the regular premium packets.
Petunia

20. Petunia Hybrida. Extra fine mixed. Splendid for bedding. Showy many colors. (About 500 to 1,000 seeds in packet) 3
21. Petunia Hybrida. Biotched and striped, single. 5
22. Petunia Hybrida, Giants of California. Extra large flowering, choisirest mixed, (packet 100 seeds) 8
23. Double Large Flowering Petunias. Finest mixed, including double fringed, (packet 50 seeds) 10
24. Penstemon. Finest mixed. 4
25. Perilla. A fine bedding plant. 3

Phlox Drummondii Grandiflora, or Large Flowering Phlox. (100 seeds and over in packet) 5

Packet.

26. Schöniosa, A., or Mourning Bride. 5
27. Schöniosa, New Snowball, large, pure white flowers, very double. 5
28. Schöniosa, finest mixed. 4
29. Schizanthus, A., or Butterfly flower. 2
30. Sedum, or Stone Crop. Blue. 4
31. Silene, see Catchfly No. 66a. 4
32. Solanum capiscum. (Jerusalem Cherry). 4
33. Statice Bouquet. Yellow. 6

STOCKS.

Or Gillflowers. Large flowering, 10-week Stocks.

242. White, 235-Blue, 236-Red, 237-Yellow, 238-Dark Brown. Any of these separate colors 5c. per Pkt. (125 seeds) 5
243. Stocks or Gillflowers. Large Flowering, splendid mixed. 5
244. Imported Collection, 12 distinct colors, large flowering 10-week stock, 80c. (In separate Pkts. of 100 seeds each.) 5
245. Same as No. 243, but 6 distinct colors, in separate Pkts. of 100 seeds each for 40c. 7
246. Snow White Perfection or "Cut and Come Again" Stock. 10
247. Emperor or Winter Stock. 4
248. Midget Rose. 4
249. Evening Scented Stock. 4
250. Single mixed. 3

SINGLE STOCKS.

260. Pyrethrum, P. Goldena Feather. 5
261. Pyrethrum Roseum, Persian Insect Powder Pkt. 10
262. Rosias. From seed the first year. New Indian Purple, or Little Midget, (packet 25 seeds) 8
263. Salpiglossis, A. or Trumpet Flower, splendid mixed from finest sorts 5
264. Salvia Splendens, P. (Scarlet Sage). 5
265. Salvia Farinacea, blue flowers. 4
266. Saponaria, A. Pink and white mixed. 3

REMEMBER, If you send us $1.00 for Flower Seeds in packets you may select seeds in packets to the amount of $1.25, and to encourage the young folks to plant flowers, we will add to their orders, amounting to $1.00, 25 cents worth in seeds and fifteen Art Souvenirs, as described elsewhere (this to boys and girls under sixteen years). Yes, and we will make them the same offer on Vegetable Seeds in packets. To make sure of the Art Souvenirs, please mention it in your order.
SUNFLOWERS.

**HELIANTHUS.**

- **Helianthus Cucumerifolius**, new miniature Sunflowers. Flowers are single, bright yellow with a dark center....
- **Stella**, new ever-blooming Sunflower...
- **Silver-Leafed**, Argyrophyllum. Beautiful yellow and black single flowers and silvery foliage...
- **Nanus**, very double, rich golden yellow flowers...
- **California**, very double, extra large flowers...
- **Tagetes**, see Marigold, No. 181-183.
- **Verbena**, candidissima, pure white...
- **Scarlet**, large flowered...
- **Dark blue**, very fine...
- **Golden-Leaved, mixed colors**...
- **Splendid Mixture**...
- **Grandiflora**, New Mammoth flowers, beautiful colors mixed...
- **Vine**, Periwinkle Rose, Mixed...
- **Violet**, Sweet-scented, mixed...
- **Virginia Stocks**, A. Pretty free flowering plants with red flowers. Easily grown...
- **WALLFLOWERS**, P. Extra double, splendid mixed colors...
- **Imported collection of 6 varieties**, each 100 seeds, in separate colors, extra double, 60c.
- **Finest Mixed, single**, 3c.
- **Zinnia**, double white...
- **double scarlet**...
- **double yellow**...
- **Carnation striped**...
- **Crested and curled**...
- **Largest Flowers**, double...
- **Double Lupine**, Excessively pretty plants, bloom all summer and until late in the fall....

319. **Zinnia Zebra.** Flowers of perfect shape, color, crimson, pink, yellow, white, etc., all striped, spotted and blotched with different and beautiful colors mixed...

**SELECTED CLIMBERS.**

- **Adunna Cirrhosa, A. Allegheny Vine, or Mountain Fringe.**
- **American Bittersweet, A. Bignonia**, or Trumpet Vine...
- **Balloon Vine. Love in a Puff. One of the prettiest rapid growing climbers....**
- **Bignonia, or Trumpet Vine.**
- **Canary Bird Vine, A. Propinquum ornatum.**
- **Cobaea Scandens. The best quick-growing climber, one that will bloom the first year, both in vines and flowers....**
- **Ipomoea quamoclit. Many colors mixed, a very handsome climber....**

**SWEET PEAS.**

Our stock of these popular flowers is second to none, and will please our customers. Our packets contain from 50 to 75 seeds.

- **Cupid, new dwarf, pink**...
- **Blanche Burpee, the largest pure white Sweet Pea**...
- **Ferry, pink and white flowers, very fragrant. The earliest. 1 lb., 30c.; oz., 10c.**
- **Apple Blossom, rose, shading to pink, very beautiful.**
- **Captain of the Blues, blue, very large and full; oz., 10c.**
- **Butterfly, white, shaded and edged with blue; 1/2 lb., 30c.; oz., 10c.**
- **Crown Prince of Prussia, salmon flesh color; oz., 10c.**
- **Emily Henderson, white, large flowers. Very early. Oz., 10c.**
- **Firedly, the best scarlet, very brilliant and fragrant; oz., 10c.**
- **Invincible Scarlet, a beautiful rich scarlet, very fragrant; oz., 10c.**
- **Mrs. Eckford, the best yellow; oz., 10c.**
- **America, large flowering, white with scarlet blotch; oz., 10c.**
- **Eckford’s Giant Sweet Peas, in Finest Mixture; 1 lb., 30c.**
- **New Double Sweet Peas, they are very beautiful and interesting; the flowers are extra large; they usually produce 25 to 50 per cent of double flowers; the best colors mixed; oz., 10c.**
- **Everlasting Pea, Lathyrus latifolius. Equally as beautiful as Sweet Peas, and perfectly hardy, bearing magnificent clusters of flowers; mixed colors.**

**SWEET WILLIAM.** This is one of the finest, hardy perennials. Exceedingly beautiful and showy plants, producing an abundance of rich-colored flowers throughout the season.

- **Auricula flowered. Large and beautiful flowers.**
- **Sweet William, finest double mixed.**
- **best single mixed.**
- **Sweet Sultan. Centaurea Moschata. Handsome, profuse flowering and sweet scented, of very easy culture.**

400. **Wild Flower Garden.** We prepared this mixture from choice, fresh seeds 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)...

400c. **Fragrant Annuals.** A mixture made from seeds of fragrant flowers, giving rich perfume throughout the day and evening; some are suitable for cutting....

400f. **Flowers for Bouquets.** This mixture contains seeds producing flowers suitable for cutting for vases, and bouquets, nearly all having long stems....

**D’ NOT FAIL to tr’ our Flower Seeds. They are the finest to be had.**

All fresh, home grown and imported.
SPECIAL TO FLOWER LOVERS.

Sell five Little Gem Collections, sending us the amount of $1.50. We will on receipt of same mail you a copy of "The Horse Fair," a reproduction of an oil painting 17x24 inches, on heavy plate paper. It retails for $5.50, and is a beauty. Money refunded if not satisfactory.

This picture is a revelation, a beautiful work in original colors. The original sold for $55,000.

CLIMBERS—Continued.

331. Ipomea, Grandiflora, Setosa, Brazilian Morning Glory. A very handsome, rapid grower. Packet. 0.25

332. Kenilworth Ivy, Lianura Cymbalata, P. A climbing climber, suitable for vines, baskets, pots and rock work. 0.25

333. Murrinia, P. A beautiful climber, blooms the first summer from seed. 0.25

334. Morning Glories, finest mixed (oz. 1b). 0.25

335. Imported Collection of 6 distinct colors. 0.25

336. New Japanese. This flower, the colors, tints and markings are of incomparable beauty. 0.25

337. Scarlet Runner. 0.15

338. Sphinx. The most desirable house climber. 0.15

339. Passion Flower. Mixed, blue and white flowers. 0.15

340. Wild Cucumber. Echinoecytis Lobata. 0.15


EVERLASTING FLOWERS, or IMMORTELLES. Pkt. 25

338. Eucalyptus Mixed rose and white. 0.25

339. Anemoneum, Pretty, small, white flowers. 0.25


341. Helichrysum, Monstrosum. Choice double varieties, mixed. 0.25

342. Imported collection of 6 distinct varieties and colors. 0.25

343. Rhodanthe. Finest mixed colors 0.25

EVERGREENS.

A class of indispensable trees for windbreaks, and they are particularly valuable for ornamental planting, since they are always objects of beauty, summer and winter alike. Our packing is well done, and trees will reach you in prime condition for planting. All Evergreens by express or freight; charges to be paid by the purchaser. No slim, shaggy plants; all stocky, well branched and well rooted.

DOUGLAS SPRUCE—This is emphatically the tree for the million. It is the most rapid grower of all the conifers; the foliage is soft and somewhat resembles the Hemlock; it is a grand tree. 12 to 18 inch, per 10, $2.75; per 25, $7.00; per 100, $25.00.

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

SCOTCH PINE—A strong, hardy grower, fine for windbreaks; very robust; dull bluish green foliage. 8 to 12 inch, per 10, $1.00; per 100, $8.50; 12 to 18 inch, per 10, $1.25; per 100, $8.80.

WHITE PINE—A well known native sort, tall, stately, spires long and slender, 8 to 12 inch, per 10, $1.00; per 100, $7.00; 12 to 18 inch, per 10, $1.25; per 100, $8.75.

NORWAY SPRUCE—A lofty elegant tree of perfect pyramidal habit, remarkably elegant and rich in its gets age, has fine, graceful and pendulous branches; deservedly popular and the best of all the Evergreens for hedges and windbreaks. 8 to 12 inch, per 10, 75c; per 100, $0.75; 12 to 18 inch, per 10, $1.25; per 100, $8.00; 20 to 24 inch, per 10, $2.00; per 100, $8.00.

BALSAM FIR—A very regular, symmetrical tree, assuming the conical form even when young. The leaves are a dark green above and silvery beneath. 12 to 18 inch, per 10, $1.25; per 25, $4.25; 24 inch, per 10, $2.00; per 25, $4.25; per 100, $20.00.

AMERICAN ARBOR VITAE—Grows rapidly and forms a most beautiful hedge, very dense. Of course it is never adapted to turn stock, but it forms a 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, $6.50; 12 to 18 inch, per 10, $1.00; per 100, $8.00.
Hydrangea Paniculata.

**HYDRANGEA PANICULATA GRANDIFLORA**—One of the finest hardy shrubs ever introduced, and in size and magnificence of bloom not excelled by any shrub in cultivation. The bush in time attains a large size, growing in beauty year by year. It is in the full glory of bloom from August until the middle or last of October, when every branch is crowned with an immense panicle of fleshy, pure white flowers, changing later to a pinkish hue, sometimes a foot long and nearly as broad at the base, presenting an aspect of majesty grandeur that absolutely defies description. Entirely hardy, 2 years, 12 to 15 inches, by mail, each, 30c.; dozen, $2.25; strong, 1½ to 2 feet, each, 45c.; dozen, $2.25. Plants not prepaid at 20c. rates.

**Moss Roses.**

Extra plants, field grown, dormant, 40c.; 3 for $1.00, postpaid. By express, 30c., 4 for $1.00, dozen, $8.00.

**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 green moss.

**CRESTED MOSS**—Rose color, beautifully crested.

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

**SALET**—Color bright rose, with blush edges. An extra fine, cupped sort.

**Hardy Creeping Roses.**

**SOUTH ORANGE PERFECTION**—Double flowers, soft blush changing to white, about one and one-half inches in diameter. Perfect roses in shape.

**TRIUMPH**—This may well be called the DOUBLE "MEMORIAL ROSE," as it preserves the color of the parent with its characteristics of growth and foliage, but the flowers are double and very fragrant. They are produced in clusters of from 12 to 18 flowers on each cluster on small side shoots.

Price: 1st size, 40c. each; $4.00 per doz.; 2nd size, 30c. each; $3.00 per doz.

**Hardy Field Roses.**

**GENERAL JACQUEMINOT**—One of the grandest Roses in existence. Surpassing in size and beauty any other that has been imported. A nothing can surpass them in beauty. Color a rich dazzling scarlet, shaded with deep, velvety crimson, making a superb glowing color. Flowers large; free bloomer. Each, Dormant 30c.

**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—silver Roses, shaded pink with satiny sheen. Each, Dormant 30c.

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

**BARON DE BONSTETTEN**—Blackish crimson, with vivid red shadings.

**PERSIAN YELLOW**—Hardy yellow Rose; best of its color.

**CRIMSON RAMBLER—Polyanthos**—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 marvelous abundance 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. Each, Dormant 30c.

**CLIMBING WHITE PET**—Very rapid climber, making a wonderful growth, often 10 to 15 feet the first year. Blooms profusely. Flowers pure white, double in 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**—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, prepaid; $4.00 per doz., not prepaid.
Small Fruit Plants.

Grape Vines, Strawberry Plants, Raspberry, Blackberry, Currant and Gooseberry Bushes.

As we receive a great many inquiries from our customers asking us to supply them with fruit plants, we have finally concluded to add them to our list again. Years ago when we were yet doing business in Chicago, we were connected with a nursery in Minn., we had to drop the nursery line entirely.

Our previous experience in handling nurseries ourselves on our farm, places us in a position to supply our customers with the best and most reliable varieties in the Small Fruit line.

Grape Vines.

The soil for Grapes should be very rich, or artificially drained. Grapes will not thrive on low and wet soils, but succeed best on high and dry ground, having a free circulation of air, which helps to prevent the mildew, mildew, rot, etc., and should have enough slope to carry off the surplus water. Good results may be obtained even on low lands when 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 by the side of any building, e.g., the garage, fences, occupying but little room, and furnishing an abundance of the healthiest fruits. There is scarcely a yard a small, in a town, or an outlying country, where there is not room for 1 to a dozen or more, of Grape vines.

Our vines are large, well rooted, and first-class in every respect, and give satisfaction.

MOORE'S EARLY—Bunch and berries large, round, with heavy blue bloom; vine exceedingly hardy, entirely exempt from mildew or disease. Very early, desirable for first market; its hardiness adapts it to Canadian conditions. Can be planted in the United States, but succeeds well in the South. 1 yr., each, 12c.; doz., 75c.; $1.50. 2 yrs., each, 15c.; doz., $1.00; 100, $6.50.

NIAGARA—Vine vigorous and productive, with tough, leathery foliage. Clusters large and compact; berries large, with thin skin, greenish-white, tender pulp, and exceedingly sweet and rich. Ripens with Concord. 1 yr., each, 10c.; doz., 75c.; $1.00. 2 yrs., each, 15c.; doz., $1.00; 100, $6.50.

WILDER (ROGER'S 4)—One of the finest in quality of all the hardy black Grapes. Bunch and berry large, black, fragrant, firm, leathery, very hardy; rich, vigorous only and productive. Midseason. 1 yr., each, 10c.; doz., 75c.; $1.50. 2 yrs., each, 15c.; doz., $1.00; 100, $6.50.

WORDEN (True)—In brief, an improved Concord: being larger in both bunch and berry, handsome, nearly 2 weeks earlier, and of better quality. Very choice and reliable. 1 yr., each, 10c.; doz., 75c.; $1.50. 2 yrs., each, 15c.; doz., $1.00; 100, $6.50.

CONCORD—Popular and well known. The Grape for the people; succeeding everywhere and producing abundantly fruit of good quality. 1 yr., each, 10c.; doz., 75c.; $1.50. 2 yrs., each, 15c.; doz., $1.00; 100, $6.50.

DELAWARE—Red; bunch small, compact, sometimes shouldered; berries small, skin thin but firm, flesh juicy, very hardy; rich, firm, leathery, very dry; thrives in most productive. Midseason. 1 yr., each, 10c.; doz., 75c.; $1.50. 2 yrs., each, 15c.; doz., $1.00; 100, $6.50.

CAMPBELL'S EARLY GRAPE—The King of American Grapes. This is confidently believed to be a Grape in all respects better adapted to general use in all sections suited to our native varieties than any other which has yet been grown and tested. Points of special merit: early than early Grape than this one. It has not failed to produce or ripen a full crop in the 3 years we have tested it. The vines grows as strong as the Concord, and will flourish in any soil where the Concord grows. It is especially adapted to unpainted sections in the country. It is claimed by many valuable varieties fail. 1 year strong, each, 10c.; doz., $3.25.

MERRIMAC (ROGER'S No. 19)—This is not a chance seedling, but the result of careful selection and crossing, and which ended in a determined effort to produce a genuine improvement upon the Concord, one which should retain all its native vitality and beauty. 1 year strong, each, 10c.; doz., $1.75.

WINTER WINDS can be bridled in only one way. You can paper line your house, bank up your foundations and crowd the walls close together, but the wind is trying to keep comfortble, but the only way you can do it satisfactorily is the SIMPLEST, and in the end the CHEAPEST. INCUR the force of nature however before it strikes you, and nature furnishes the means of accomplishing this in the thickly growing needles and closely interlacing boughs of your trees. The wind will have to fight them with all the force in the world to break them, and it is a matter of few hours growth. Our trees are large, well grown and tightly packed, and a few of these will provide shelter for the whole of your property in the winter, and they produce grapes. One and two year old vines prepaid at price per single vine. Dozen and 100 by express or freight at purhaser's expense.
GOOSEBERRIES.

REDJACKET—A true native and one of the finest of American gooseberries, rivaling the large English varieties. It may be said to be truly mildew-proof. It is very hardy, and a wonderful cropper, the large branches being covered with its beautiful berries. The fruit is large, smooth, of a rich ruby-red, and fine in quality. 1 yr., each, 10c.; doz., $1.50; 100, $8.00. 2 yrs., each, 25c.; doz., $2.50; 100, $12.00; 100 rates not prepaid.

DOWNING—Universally known and always reliable. It is the old standard native sort that has for years been so largely planted for the market. Entirely free from mildew, and succeeds everywhere. Berries, medium to large, pale green, and of excellent quality. 1 yr., doz., 50c.; 100, $2.50; 2 yrs., doz., 50c.; 100, $3.50. Single and dozen rates are prepaid; 100 rates not prepaid.

CURRANTS.

RED CROSS—A strong grower; cluster long; berry larger than Fair, color bright red; quality better than Cherry or Fay and very much more productive than either.

RED DUTCH—An old, well-known, standard variety. A strong, tall, upright grower; berries medium dark red; productive.

VERSAILLES—La Versailles—A vigorous, somewhat spreading grower. Very similar to Cherry in habit of growth and character of fruit.

Prices: Except when noted—1 yr., doz., 60c., prepaid; 100, by express, charges paid by purchaser. $3.00; 50 at 100 rate. 2-year-old plants, doz., 75c.; 100, $3.50, not prepaid.

RED RASPBERRIES.

Postpaid at dozen rates. 100 rates not prepaid.

CUTHBERT—Deep, rich crimson, medium to large, productive, very firm, one of the best market varieties; season medium to late. Doz., 40c.; 100, $1.25.

LOUDON—A new variety, very vigorous and very productive; fruit large, firm, bright crimson; very hardy and very promising. A splendid shipper. Canadice grow erect. Ripens medium late. Doz., 40c.; 100, $1.50.

MARLBORO—Hardy and productive; color very bright and attractive; very firm but not of best quality. Habit of growth rather dwarf. Doz., 25c.; 100, $1.25.

VERSAILLES—La Versailles—A vigorous, somewhat spreading grower. Very similar to Cherry in habit of growth and character of fruit.

THE COLUMBIAN—Of the many promising Red Berries none of this valuable and profitable class come before the small fruit buyers with brighter promise than this one. It was selected from the many crosses of investing $10 to $50 in this berry. 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 shown. Note the fact that 3,511 bushes in 644 produced an average of 2 quarts each. Each, 15c.; 6 for 75c.; 12 for $1.00; 100, $8.00.

BLACK CAPS.

KANSAS—Ripens just after Souhegan; berries as large or larger than the Gregg, jet black, firm, handsome and of the best quality; exceedingly productive. Each, 10c.; doz., 60c.; 100, $2.00.

DOOLITTLE—Early, very hardy, productive; an old variety, but still highly esteemed. Doz., 40c.; 100, $1.50.

GREGG—One of the best of the black varieties; large, good quality, late; requires good, strong land. Doz., 40c.; 100, $1.50.

Prepaid at dozen rates; 100 rates not prepaid.

BLACKBERRIES.

Blackberries require the same treatment as Raspberries, and should be planted same distance apart. Prices given are to go by express or freight, charges paid by purchaser. If by mail, add 2c. each, 10c. per 100.

KITTATINNY—Large, conical, glossy black; requires protection in severe climates. Each, 5c.; doz., 35c.; 100, $1.50.

MINNESKASI—Very large, and melting, a good grower and fair bearer. Each, 5c.; doz., 50c.; 100, $2.00.

Snyder—Extremely hardy, and therefore very valuable for the north; enormously productive, medium size, good quality.

TAYLOR—Cane as hardy as Snyder; berries much larger and somewhat later; fruit of best quality. Each, 5c.; doz., 50c.; 100, $1.75.

ELDorado—Of largest size and best quality, and having so little core that it cannot be noticed in the eating. It far surpasses any Blackberry on the list to-day. In addition to this, it is very hardy and productive, never having been injured in the Northwest. Each, 8c.; doz., 75c.; 50 for $2.00.

ANCIENT BRITON—One of the best of the hardy varieties. Very vigorous, healthy and hardy; fruit stems loaded with large sized berries of fine quality. The crop will be well to and fetch highest prices in market. Fine general planting for home or market in all sections subject to severe winters, the Ancient Briton is recommended as a first class variety. Each, 5c.; doz., 50c.; 100, $1.75.

RATHTURN—A strong erect grower, with strong main branchiing freely; will root from tip of branches like a Raspberry. Hardy, having endured 20 degrees below zero and produced a good crop. Forms a neat, compact bush 4 to 5 feet high, producing its immense fruit abundantly. Fruit is sweet and luscious without hard core, or extra high flavor, standing at the head of all other for quality; jet black. Of enormous size; many of the Berries will run 1½ to 2½ inches long; 45 of them have filled a quart basket. Each, 15c.; 12 for $1.00, prepaid.
### STRAWBERRIES.

**PLANTS BY MAIL.**

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

**NIC OHMER—(S.)** Originated by Mr. John F. Beaver, who is considered to be the most successful Frew Corn grower in Ohio. Named after Mr. N. Ohmer, ex-president of the Ohio State Agricultural Society. The beard has a light color. After watching the Nic Ohmer three years, and hearing how it has behaved wherever it sent for trial, never having received one unfavorable report on its performance, I feel that it is one of the most desirable, if not the very best ever sent out. There is no other in the market or in Sight that I would plant with so much confidence. If restricted to a single variety it would be my first choice without a moment's hesitation. The plant is very large and sturdy, sending out plenty of very strong runners. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect bloom. The fruit is of the very largest size, a giant among strawberries. It is never hidden. Its only departure from the regular roundish conical form is when, under high culture, it is somewhat triangular. It is dark glossy red, firm, and of excellent flavor. Was introduced in 1835 at $00 per thousand.

**Price:** Doz., 50c; 100, $1.50.

**AROMA—(S.)** Plant is strong and healthy; fruit is very large, roundish conical, rarely misshapen; glossy red, of excellent quality and an abundant producer. One of the most profitable late varieties.

**BEDER WOOD—**Large, roundish conical, bright scarlet, moderately firm, fair quality, very vigorous and productive. A very valuable early sort for home use or near market. Doz., 50c; 100, $1.00.

**BISSEL—(S.)** This has a great reputation as a mail, prepared for market. Plant shows no weakness of any kind, but is well able to carry its great load of fruit to full maturity. Berries are large, regular conical form, bright red, quite firm, with seeds but slightly imbedded; flesh is light red and of good flavor. Ripens with the Crescent, but sometimes longer in bearing. Doz., 50c; prepaid, 100, $1.00.

**BRANDYWINT—(S.)** This is an introduction by Mr. M. Crawford. It is a late variety of good shape, good size, good quality, firm and productive. We have a good stock of this variety. Doz., 50c; prepaid, 100, $1.00.

**CLYDE—(S.)** This is an immensely productive variety, and berries are nearly as large as the Bubach, of which it is an off-spring. The plant is very vigorous and healthy, there being no trace of disease about it. The foliage is light green in color, upright and a sturdy grower. Season of ripening second early. It is dark scarlet in color and very productive. Its strong plants, with an abundance of long roots, enables it to withstand drought better than most sorts. It thrives on most any soil, and is valuable for family and market use. Doz., 50c; prepaid, 100, $1.00.

**PARKER EARLE—**The best variety for families and the whole household. It is a perfect-flowered sort and bears immensely. The plant is robust, free from disease, stinging heavily. Berry regular, uniformly large, conical, with a neck glossy scarlet crimson, no hollow core, quality excellent. The fruit is handsome in the market, productive the profession of its size, and having been gathered. Its season is medium to very late. Strong plants. Doz., 50c; 100, $1.00.

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### Vegetable Seeds.

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These are only a few of the hundreds of new varieties and improved sorts which we have to offer. We have no limit to the number of seeds we can offer. Our large stock is ready for immediate use, and we are prepared to send them in plenty, post paid, to any part of the country.
**ROCHESTER SPRAYER.**

WE'VE GOT IT NOW! It's self-operating. It's new and up-to-date. You never saw anything like it. No merchant in your locality ever had it on sale. You never saw it advertised in newspapers. Examine it and you will agree, as do all who have seen it, that it is

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Our new machine is self-operating. Notice the man simply holds the hose to direct the spray, the machine is doing the work. Finding that the majority of our customers could not afford to buy several different machines for as many kinds of work, we have spared neither time nor money to bring this new machine to perfection. We guarantee our new “Rochester” will do as many different kinds of work as all others combined, and do it easier, for it is self-operating.

For spraying Orchards, Vineyards, Potatoes, Poultry Houses, Washing Wagons, Windows, Fighting Dogs, Veterinary cases, etc. Sample No. 10, Galvanized Iron, complete with hose, reversible nozzle for fine or coarse spray, straight stream nozzle and receipts for mixing and applying spraying solutions. 

The same style made in Copper for $1.50 extra.

Brass extension pipe for elevating spray nozzle. 

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**FARMER SEED COMPANY,**
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**RED RASPBERRY IMPROVED TURNER.—**A great improvement on the old hardy and fine flavored Turner. As it now stands, it is the finest all-around Red Raspberry grown, the canes never winter-kill; fruit of good size, firm; flavor unexcelled and immensely productive, and one of plants within the reach of all. Shipped, delivered free, each, 10c.; 6, $.50; 1 doz., 75c.; 100, $4.00. The old Turner as generally sold: Doz., 35c., prepaid; 100, not prepaid, $1.50.

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Color pure silvery white, very productive, frequently producing as many as 20 bulbs in a single cluster from 1 bulb planted; of excellent quality and shape for bunching; grown, or can be ripened for use as pickling onions, and for this can be grown more economically than from seed. Qt., 30c., prepaid; by express, pk., $1.25.

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After having grown and thoroughly tested this valuable variety for several years, we can recommend it most highly. The plants are very strong-growing, the first season attaining 1 foot in height, and so spreading that a single plant covers a circular space 3 feet in diameter. The leaves are borne well above the soil, keeping them clean; very large and of unusual substance, strong in flavor, and of superior quality. A single plant of Holt's Mammoth will yield more than a dozen of the common sort. Perfectly hardy, and attains still greater growth the second season. It never runs to seed. Each, 10c.; 3 for 25c., or 75c. per doz., postpaid.
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This is the superior strain of Barley ever grown in the State of Iowa. It is a hybrid variety, originated in the field experiments of the State Agricultural College. It is the result of careful selection by the Agricultural College, and is especially adapted to the soil and climate of the State. It is a hardy variety, and is resistant to the disease of Beardless Barley. It is of a light color, and is easy to handle. It is of a good size, and is easy to roast. It is a good variety for the production of malt.

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This is a new and improved variety of corn, which is especially adapted to the climate and soil of the United States. It is a hardy variety, and is resistant to the disease of corn. It is of a light color, and is easy to handle. It is of a good size, and is easy to roast. It is a good variety for the production of malt.

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