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SECOND EDITION

OCTOBER 1902

MANN the SEEDMAN

8 Front Street : Portland, Ore.

Descriptive Price List of Grass
Clover and Farm Seeds also a
list each of Bulbs & Sweet Peas

TO OUR FRIENDS AND PATRONS:

This modest list is our first issue to the consumer and we ask that you read it carefully. It is our purpose to publish this grass seed list in September, January and April of each year, and the 1903 editions will contain many new features.

"BURPEE'S SEEDS GROW." I shall have exclusive sale here for Burpee's Seeds, Sweet Peas and Lawn Grass now in stock, with a complete line to open up January 1st.

OUR PRICES are fixed as low as possible for strictly high grade Seeds—the best it is possible to produce. No matter how high a price you pay you could not get better seeds, while it is equally true that nowhere could you get first-class seeds for less money unless you were a large buyer. "The truth and nothing but the truth" is told plainly to the best of our knowledge in this list.

HOW TO ORDER Please be careful to sign your name, *post office, county, and State on each and every letter* sent us. Cash should accompany the order. Money can be sent safely by post office order, bank draft, express order, or the cash by registered letter. On orders of \$1.00 or more the cost of remitting by any of these methods may be selected in *extra seeds free*. We are responsible for the safe receipt of remittances by any of the above methods,—therefore, you run no risk whatever. **We accept postage stamps the same as cash.**

And now with the hope that we shall become better acquainted to our mutual profit, I remain

Very truly yours,

8 Front Street, Portland, Ore. **GILBERT S. MANN**

MANN'S EXTRA RE-CLEANED Grass and Clover Seeds

Nothing is more important to the farmer than that the grass seed he sows should be pure and clean, free from admixture with noxious weeds. The seed should also be plump, heavy, and well ripened so as to insure a good stand of young plants. First-class, thoroughly cleaned seed, while considerably more costly in the first place, is really much cheaper in the end than the light chaffy grades so generally sold at much lower prices,—even should the latter be free from weeds. Heavy plump seed, germinating better, will produce a much greater number of strong plants.

We handle but one grade—that is the very BEST which can be obtained from any source. At pound prices, where so stated, we send grass seed by mail, postpaid. In larger quantities the prices are for seed to be sent by express or freight (sacks included) at purchaser's expense. Where large quantities are desired or Special Mixture wanted for different soils, we shall be pleased to advise as to the proper varieties and quote lowest prices. Prices of leading varieties fluctuate according to the market.

Orchard (*dactylis glomerata*). This is one of the most desirable pasture grasses for stock and also for producing large crops of hay. It succeeds well in quite shady places, hence the name of Orchard Grass. Choicest re-cleaned seed, 14 lbs. to the bushel; 3 bushels to the acre. Per lb. 30c. Per 100 lbs. \$15.00.

Timothy (*Phleum pratense*). Of the easiest cultivation and with us is usually sown in the fall on burned over land, and also sown extensively in the spring. 45 lbs. to the bushel; from $\frac{1}{2}$ to 1 bushel to the acre. Per lb. 20c. Per 100 lbs. \$7.00.

Herd, or Red Top (*Agrostis vulgaris*). It is a most valuable addition to sow with timothy and clover to form a close sward for pasturage. Sown in this connection the clover soon disappears, leaving a close sod of Timothy and Red Top. The seed we offer is free from chaff and weighs about 32 lbs. to the bushel; 1 bushel to the acre; for lawns, 3 bushels to the acre. Per lb. 25c. Per 100 lbs. \$13.50.

Fancy Cleaned Kentucky Blue (*Poa pratensis*). This is pre-eminently a pasture grass forming a close fine sward. It thrives best in dry well-drained soils. 14 lbs to the bushel; $2\frac{1}{2}$ bushels to the acre. Per lb. 25c. Per 100 lbs. \$13.50.

English Rye Grass (*Lolium perenne*). This makes a quick growth very early in spring, and is adapted for cool moist locations. 24 lbs. to the bushel; 3 bushels to the acre. Per lb. 20c. Per 100 lbs. \$9.00.

Italian Rye Grass (*Lolium Italicum*). This is distinct from the preceding, being of much larger and stronger growth, with large, broad, glossy green blades. It succeeds best in moist, fertile soils, affording repeated luxuriant and nutritious crops. About 20 lbs. to the bushel; 3 bushels to the acre. Per lb. 25c. Per 100 lbs. \$10.00.

Crested Dogstall (*Cynosurus cristatus*). A valuable addition for lawn grasses which require close cutting and an ability to resist tramping, as in golf links, etc. About 21 lbs. to the bushel; 1 to 2 bushels to the acre. Per lb. 35c. Per 10 lbs. \$2.50.

Hard Fescue (*Festuca duriuscula*). An excellent pasture or lawn grass, succeeding well in dry or shady locations. About 12 lbs. to bushel; $2\frac{1}{2}$ bushels to the acre. Per lb. 30c. Per 100 lbs. \$18.00.

Sheep Fescue (*Festuca ovina*). An excellent grass for sheep pasture, having slender blades growing in close compact clumps and from six to ten inches in height. About 12 lbs. to the bushel; $2\frac{1}{2}$ bushels to the acre. Per lb. 35c. Per 100 lbs. \$20.00.

Meadow Fescue (*Festuca pratensis*). An excellent pasture grass, the tender blades being relished by cattle. About 22 lbs. to the bushel; 2 bushels to the acre. Per lb. 25c. Per 100 lbs. \$13.50.

Creeping Bent (*Agrostis stolonifera*). A very hardy grass, especially adapted to moist lands and those which are occasionally overflowed. Its peculiar habit of branching underneath the surface enables it to resist to the greatest extent tramping and pasturage. About 20 lbs. to the bushel; 2 bushels to the acre. Per lb. 35c. Per 100 lbs. \$20.00.

Tall Meadow Oat (*Avena elatior*). A very valuable pasture grass on account of its early and luxuriant growth. It is especially adapted for rather dry light soils. About 10 lbs. to the bushel; 4 to 5 bushels to the acre. Per lb. 35c. Per 100 lbs. \$20.00.

Hungarian Brome, or Awnless Brome (*Bromus inermis*). This closely resembles Schraederi or Rescue Grass, but is much more leafy, finer stalked and more stiffly erect; its seeds are more numerous and in closer heads. It makes quick strong growth, providing splendid pasturage or hay. It sprouts out into fresh growth very quickly after being mown, and we think it is the ideal grass for hot dry regions and thin soils. 14 lbs. to the bushel; about 3 to 4 bushels to the acre. Per lb. 25c. Per 100 lbs. \$13.50.

Johnson Grass (*Sorghum halapense*). This grass is popular in some portions of the South and West, being of quick growth, the stout stalks reaching a height of six or eight feet before flowering; should be cut for hay when it is coming into bloom. When once established, it is difficult to eradicate. 25 lbs. to the bushel; about 1 bushel to the acre. Per lb. 25c. Per 100 lbs. \$15.00.

Australian Salt Bush (*Atriplex Semibaccatum*). A valuable forage plant recently introduced by the University of California. Experiments show that it thrives on soils on which nothing else will grow, and it is recommended highly for alkali soils and all regions subject to periodical drought. It is very nutritious, and good for all kinds of live stock. One pound of seed is sufficient for an acre. The soil should be well plowed and harrowed. The seed may be sown in garden bed and the seedlings planted out when two inches high, 7 or 8 feet apart. Per oz, 15c. Per lb. \$1.00, postpaid.

Mesquite (*Holcus lanatus*). Often called Velvet Grass. It possesses little nutritious value, and its cultivation is not recommended. Per lb. 20c. Per 100 lbs. \$9.00.

MANN'S EXTRA RE-CLEANED Grass and Clover Seeds

Burpee's "Fordhook Finest" Lawn Grass Seed is of the very best quality for producing permanent lawns of close velvety sod, embracing only such varieties as are of neat, close growth entirely hardy, and best adapted to producing a permanent effect and capable of withstanding the constant and close cutting which is necessary to produce the finest lawns.

Believing that our grass seed mixtures will give better satisfaction if only fancy re-cleaned seed is used, we now offer these as free from chaff as it is possible to make the seed by the use of the most improved machinery. A measured bushel of this seed weighs about 23 lbs. and, being composed of so much more actual seed, it requires only two to three bushels to the acre. For the convenience of many of our customers who require only a small quantity of the seed for their yards, small cemetery plots, and other locations, we have put up this finest mixture in **Pound Boxes**, with full directions printed on each box. Price, per pound box, 35 cts., or two boxes (each containing one pound) for 60 cts., postpaid. Seed in bulk at 20 cts per lb.; 10 lbs. or more at 18 cts. per lb. amounting to about \$4.00 per measured bushel. With each order we send Our **New Leaflet** giving directions for preparing, establishing, and caring for a lawn.

BURPEE'S FORDHOOK PASTURE MIXTURE.

We have planted this mixture extensively on our own fields at Fordhook Farms for a number of years, and find that both for dry thin soils, on the elevated seaside, and for moist heavy meadowland it will give satisfactory results. The base of this mixture is Orchard Grass, which yields more abundant crops than the ordinary mixture of Timothy and Red Top, and is also a more permanent grass than timothy, with the addition of a strong luxuriant growth of aftermath, furnishing a heavy second crop of hay or an abundance of rich pasturage for stock. The Orchard Grass, however, is combined with a number of finer grasses, which not only give permanence to the sward, but entirely overcome the objectionable feature of the Orchard Grass, which, when planted alone, is apt to grow in clumps or tussocks. From two to three bushels of our re-cleaned seed should be used per acre. Ten pounds per acre of mixed Clovers, which, on account of their heavier weight, should be sown separately, can be sown also to great advantage. The price of our best **Special Fordhook Mixture for Permanent Pasture** is 20 cts. per lb.; 10 lbs. or more at 18 cts. per lb., by freight or express. A measured bushel weighs about 24 lbs. We supply a suitable mixture of the best Clovers, comprising White, Mammoth Red, Alsike, etc., at 25 cts. per lb., or \$2.25 for 10 lbs.

CLOVER

Alfalfa, or Lucerne (*Medicago sativa*).

This clover-like plant, growing from two to three feet in height, is especially adapted for dry climates and soils. It strongly resembles clover in habit of growth and feeding value, but withstands drought much better. It is a perennial plant on well-drained soils, so that when once established it will continue to produce large crops for from five to ten years, and on some of the rich western prairies yields from four to five large cuttings in a single season. The plant is quite hardy, but will not succeed on low, wet soils. Sow from 20 to 35 lbs. per acre. Per lb. 25c. Per 100 lbs. \$13.00

Red Medium. This is the common Red Clover so largely grown throughout the country. We shall be pleased to quote prices at any time. Sow at rate of 15 to 20 lbs. per acre. Per lb. 25c. Per 100 lbs. \$13.00.

Oregon Crown, Cleanest, heaviest stock. Price, 30c per lb. \$14.00 per 100 lbs.

Alsike, or Hybrid Clover (*Trifolium hybridum*). This we consider the very best Clover to plant in mixture with other grasses, either for pasturage or for hay. The plant is perennial and very hardy, thriving equally well on wet or dry soils. The stems are more slender and much taller than those of the Red Medium Clover, and thus much better adapted for growing with Timothy to produce a high grade of mixed hay. Sow at rate of 10 to 20 lbs. to the acre. Per lb. 30c. Per 100 lbs. \$19.00.

Sainfoin (*Onobrychis sativa*). This is a very valuable perennial plant for the Southern states; it is quite hardy after it becomes well established. It has strong, deeply branching roots, and will succeed in very dry soils, sand, and even in gravel. Sow 2 to 3 bushels per acre. Bushel weighs about 24 lbs. Per lb. 30c. Per 100 lbs. \$15.00.

Mammoth or Pea-Vine Clover. This grows much taller with larger, leafier stalks, and large slightly pointed leaflets. Per lb. 25c. Per 100 lbs. \$14.00.

White Dutch Clover (*Trifolium repens*). This thrives in almost every soil and climate, succeeding equally well on heavy moist land and thin dry hillsides. It is of low-creeping growth and most valuable both in pasture mixtures and for green velvety lawns. Per lb. 35c. Per 100 lbs. \$24.00.

Bokhara (*Melilotus alba*). This slightly resembles Alfalfa in growth, but is much taller, with leafier and stiffer stems. It frequently grows five to six feet in height, and branches freely, with slender spikes of small, fragrant, white flowers, which afford an excellent food for bees. Per lb. 50c, postpaid. Per 10 lbs. \$4.00.

Crimson, or Italian (*Trifolium incarnatum*). An annual variety providing large crops of green forage, or if cut while in bloom will make excellent hay. It should not be allowed to grow too old, or the seed-heads are liable to cause hair-balls to form in the animals' stomachs, to their great injury. It is for use as a green manure and cover crop that this plant is most highly esteemed. It improves poor lands and restores to fertility those worn by excessive culture. Seed should be sown early in August or September, so that the plants will become well established before winter. It is especially valuable for sowing amongst corn or other crops at time of the last cultivation, as it will secure a good stand in the partial shade, forming an excellent cover for the land after the other crop is taken off, and will afford a close, dense mat of growing foliage to turn under in the spring. Sow at rate of 15 lbs. to the acre. Per lb. 20c. Per 100 lbs. \$9.00.



MANN'S EXTRA RE-CLEANED FIELD SEED



NOTICE. The pound prices include postage. Hundred-pound prices by freight or express at purchaser's expense.

Grass and clover seeds fluctuate in price from time to time, and there are times when there is a steady movement up or down in prices. On this account it will not do to depend on prices for any length of time after publication.

I will fill all open orders at market prices on the day of shipment, without regard to printed prices. I am always pleased to quote prices on application.

NOTE. When money is sent for grass seed, I will always ship seed to cover the amount sent, unless otherwise instructed in the order.

Golden or German Millet. This is the favorite variety for planting in good land to produce a large crop of hay or forage during the summer months. Being of very strong growth, seed should not be sown so thickly as for the Hungarian. 50 lbs to the bushel; 1 bushel to the acre. Per lb. 20c. Per 100 lbs. \$3.50.

Hungarian Millet (Panicum Germanicum). This is one of the most valuable annual forage plants, and is planted largely during summer to help out the hay crop or provide green forage in hot dry seasons. Seed can be sown early in July to produce a good crop of hay. To make the best hay it should be cut before the seeds become hard. 48 lbs. to the bushel; 1 bushel to the acre. Per lb. 20c. Per 100 lbs. \$4.00.

East India or Pearl Millet. This grows eight feet in height in rich soil. It should be planted thinly in rows four feet apart, so that it may be given cultivation during growth. Three pounds will plant one acre of land. 48 lbs. to the bushel; 24 lbs. to the acre. Per lb. 30c., by mail, postpaid. By express or freight; 15c. per lb.; 10 lbs. or more at 12c per lb. Write for special prices on large lots.

Vetches (Vicia sativa). One of the best forage plants that can be grown on the Pacific Coast. Often called Fall Vetches. An annual trailing herb, 36 to 60 inches high, with several angled stems, simple or branched from the base. It is a species of the pea and is grown very extensively in the Willamette Valley and on the Oregon coast, furnishing an abundance of excellent feed, either green or dried. The seed should be mixed with an equal weight of some variety of wheat, oats or rye having a stiff straw, and the mixture sown at the rate of two bushels per acre. Weight, 60 lbs. per bushel. Sow in September, October, March or April. Per lb., postpaid, 15c. Per 100 lbs. \$4.50.

Sand, or Winter Vetches (Vicia villosa). This variety thrives on poor and sandy soils. It is sown either in the fall or spring, and is generally mixed with rye, which serves to support the plants. It grows to a height of three or four feet, and can be cut twice; first, as soon as the bloom appears, and afterward for seed. The plant is perfectly hardy, and makes a very nutritious food. Sow 1 bushel per acre. Per lb. 20c. Per 100 lbs. \$12.00.

Dwarf Essex Rape. Culture. It can be sown in drills far enough apart to cultivate, or broadcast. If sown in drills, but 5 lbs. per acre is necessary. The

best way is to sow it broadcast on very clean soil, or to sow it with your spring grain at the rate of 10 lbs. per acre. After the grain is removed it will grow rapidly and form excellent pasture. If sown without cover of grain it matures more quickly and furnishes pasture sooner. In sowing, cover it but one inch deep. It is a great soil enricher, and as it is cheap it would not be amiss to sow it in all fields which you intend to plow under in the fall, as Rape plowed under enriches the soil quickly. Per lb. 20c. Per 100 lbs. \$8.00.

White Hulless Barley. The heads are large and well filled with big, plump kernels, which are hullless and of great value for feeding. Those who have grown it say that it produces a very much larger crop than other varieties. It weighs 60 to 65 lbs. to the measured bushel, while ordinary barley weighs only 48 lbs. The straw is very stiff and strong. It is the handsomest, most productive and best variety. Per lb., postpaid, 20c. Per 100 lbs. \$3.00.

Beardless Barley. The earliest barley known. The straw is about the height of the common barley, but better and will stand up on any land; with good land and season has produced 80 bushels per acre. Sow as early as you can; frost does not hurt it. Many farmers will not grow barley, on account of the long, harsh beards which are so disagreeable in threshing, although it is a profitable crop. This is beardless and as easy to grow and handle as oats. Per lb., postpaid, 15c. Per 100 lbs. \$2.00.

Speltz. A comparatively new grain, of great value. For centuries past it has been grown in a limited way in Eastern Russia, its value not being known to the civilized world. It yields more than either barley or oats. It is of high value for feeding and will make a fair grade of flour somewhat similar to rye. The spikelets are separated from each other in such a manner that the crop is not easily injured by the weather. Will grow well and produce immense crops even in poor soil. Dry weather appears to have no effect on it. It has given splendid satisfaction to our customers, and every farmer should try it. Per lb., postpaid, 15c. Per 100 lbs. \$3.00.

SEED OATS.

It will pay you to renew your seed oats this year by sowing some improved varieties and thus greatly increase your yield. This is all re-cleaned for seed purposes. Send for samples.

Black, or Negro Oats. A very popular variety of oats in the South, as they are claimed to be almost mow-proof. They have stiff straw, heavy berry and are very productive. They are said to be fully equal to the white for feeding, and are much preferred in England and other European countries. Better try at least a small field this year, and we feel sure that our customers will be pleased with the result. Per lb., postpaid, 20c. Per 100 lbs. \$1.50.

Grey. The most common in this market. Per lb., postpaid, 15c. Per 100 lbs. \$1.40.

Red or Bronze. The grain is a rich deep red in color, and is always worth more in the market. Per lb., postpaid, 15c. Per 100 lbs. \$1.50.





BURPEE'S BEST Tall Sweet Peas



All at the uniform net price of 5 cents per packet; any seven packets for 25 cents. 10 cents per ounce; any four ounces for 25 cents. Except where otherwise priced, each variety is sold at 20 cents per $\frac{1}{4}$ pound; 60 cents per pound, post paid. By express, not prepaid, 50 cents per pound.

This list of eighty varieties embraces all the best tall Sweet Peas. We are recognized throughout all the world as "HEADQUARTERS FOR SWEET PEAS," and continue to grow a Complete Collection, embracing seventy varieties not named in this list, but fully described in our "Farm Annual," edition. Should any of our retail customers want any of these other varieties (which are grown chiefly for export trade and wholesale), we shall supply at same prices as quoted above,—BUT this list contains ALL "the Best."

Our New Leaflet, telling "How to Raise the Finest Sweet Peas," gives A New Process on how to secure good germination of the more delicate white-seeded Sweet Peas. It will be of great value to many who have complained that they have failed to get white-seeded Sweet Peas,—such as *White Cupid*, *Blanche Burpee*, and *Emily Henderson*,—to make a good stand. This leaflet is Free when requested with order.

Dark Pink—

Apple Blossom.
Blushing Beauty.
Prima Donna.
Royal Robe.
Triumph.

Pink and White—

Burpee's Earliest of All.
Blanche Ferry.
Extra Early Blanche Ferry.
Little Dorritt.

White—

Blanche Burpee.
Emily Henderson.
Sadie Burpee, white seed, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.
Sadie Burpee, black seed, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.

Cream or Light Yellow—

Coquette. Very Light Blush—
Mrs. Eckford. Modesty.
Queen Victoria. Mrs. Sankey.
Stella Morse. Sensation.

Rose—

Colonist.
Fashion, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.
Her Majesty.
Mrs. Dugdale, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.
Prince of Wales.
Royal Rose.
Ovid.

Red and Scarlet—

Burpee's Brilliant.
Firefly.
Mars.
Prince Edward of York.
Princess Victoria.

Salopian, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.

Blue and Purple—

Captain of the Blues.
Countess Cadogan, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.
Emily Eckford.
Navy Blue, $\frac{1}{4}$ lb. 25c. 1 lb. 85c.

Striped and Variegated—

America.
Aurora.
Gaiety.
Gray Friar.
Juanita.
Lottie Hutchins.
Mrs. Jos. Chamberlain.
Pink Friar.
Princess of Wales.
Ramona.
Senator.
Wawona.

Burpee's "Best Mixed,"—New Giant Sweet Peas. This is the finest mixture on this page, containing not only the most highly improved varieties from Eckford, but also many of the choicest varieties of our own introductions prior to 1901. Per pkt. 5c. Oz. 10c. 2 ozs. 15c. $\frac{1}{4}$ lb. 25c. Per lb. 75c, postpaid.

Claret and Maroon—[Burpee's Farm Annual '02

Black Knight.
Captivation.
Duke of Clarence.
Duke of Sutherland.
Duke of Westminster.
Monarch.
Othello, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.
Shahzada.
Stanley.

Light Pink—

Crown Jewell.
Eliza Eckford.
Katherine Tracy.
Lovely.
Maid of Honor.

Blue and White—

Butterfly.
Lottie Eckford.

Orange and Salmon—

Chancellor.
Gorgeous.
Hon. F. Bouverie, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.
Lady Mary Currie, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.
Lady Penzance.
Oriental.
Venus.

Lavender and Light Blue—

Admiration, $\frac{1}{4}$ lb. 25c. 1 lb. 85c.
Countess of Rodnor.
Dorothy Tennant.
Golden Gate.

Lady Grisel Hamilton, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.

Lady Nina Balfour, $\frac{1}{4}$ lb. 25c. 1 lb. 75c.
New Countess.

Burpee's American Seedlings. By crossing and recrossing the improved large-flowering varieties of Sweet Peas there was obtained a remarkable break which has resulted in a number of delicate new shades and such an admixture of blood that the strain continues to produce sports of varied coloring. This strain contains many distinct colors in varying shades which can be obtained only in the mixture which is continuously producing new ones. Flowers are of largest size and finest form. Per pkt. 5c. Oz. 10c. $\frac{1}{4}$ lb. 25c. Per lb. 75c, postpaid. Note. Our regular five-cent "packets" each contain from seventy to ninety seeds, while an ounce contains from 300 to 360 seeds,—varying according to size of seed.

We have named and introduced more varieties than any other seedmen in the world, excepting only Mr. Henry Eckford. Our stocks are superfine,—extra selected and absolutely pure. We sell annually tons of the choicest seed to the most critical buyers in England as well as America. We were awarded the only first prize on Sweet Peas at the Paris exposition,—showing sixty varieties in bloom.



MANN'S GREEN LION BRAND

Garden Seeds for Early Planting



Under this brand I will introduce a grade of Peas, Beans and Sweet Peas guaranteed to be of good germinating power true to name and of this season's crop. The other Garden Seeds that I shall carry in stock are BURPEES SEEDS, Best that Grow, sold under Seal in original packages.

Market Gardeners and others desiring seeds for early planting can get these listed now. Prices in 100 lb. lots or more are considerably lower than list for package seeds. Estimates cheerfully furnished on application.

PEAS

We prepay postage on packets or single titles, to be sent by express or freight, deduct 10 cents per pound from the pound pounds as listed. If wanted in larger quantities as printed.

PEAS

Extra Early Varieties. Alaska or Earliest of All. A smooth blue Pea, which in evenness of growth of vine and early maturity of the pods is unequalled by any other extra early pea. Vines 2 to 2½ feet high, unbranched, bearing 4 to 7 long pods, which are filled with medium-sized bright green peas of excellent flavor. Ripe peas, small bluish green. **Package 10c.; lb. 25c.**

First and Best. Vines vigorous and hardy; 2 to 2½ feet high; smooth; matures uniformly. Market gardeners will make no mistake in using this pea largely. **Package 10c.; lb. 25c.**

Nott's Excelsior. The best dwarf pea in cultivation. Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It out-yields that variety 20 to 30 per cent. The pods are one-third longer, and each pod contains from 6 to 9 large peas, which are usually fine flavored and tender. **Package 10c.; lb. 30c.**

McLean's Little Gem. Very early, wrinkled dwarf variety, growing about 15 to 18 inches high; sweet, sugary and of the most delicious flavor. **Package 10c.; lb. 30c.**

Gradus. The best for the family garden. The earliest wrinkled pea. The vine of this most distinct sort is like the First and Best, except that it grows a little taller and matures its pods a little later. The immense pods are as large as those of the Telephone, uniformly well shaped and handsome and more attractive than

those of other first earlies. They ripen slowly, and continue fit for use much longer than most varieties, making this by far the most desirable sort for the home garden. The peas are very large, of splendid quality and beautiful color, which they retain after cooking.

The variety is sometimes sold as "Prosperity." (Owing to partial crop failure, price is high this season.) **Package 10c.; lb. 40c.**

American Wonder. The earliest and best of the wrinkled sorts. A great favorite for family use. Has stout, branching vines about 9 inches high, and covered with well filled pods containing 7 or 8 large, exceedingly sweet, tender and well-flavored peas. Dry pea, medium size, much wrinkled and flattened, pale green. **Package 10c.; lb. 30c.**

Telephone Second Early. This pea has proved to be a valuable acquisition. Vines large, with large, coarse leaves; pods very large, filled with immense wrinkled peas, which are tender, sweet and of excellent flavor. **Package 10c.; lb. 25c.**

Champion of England. Late Varieties. Very rich and fine flavored; very productive, wrinkled, height 4 to 5 feet. **Package 10c.; lb. 25c.**

Improved Stragem. One of the best of the large podded peas; the pods are of immense size, filled with large, dark green wrinkled peas of the finest quality; vine medium height, but very stocky, with very broad, light green leaves, and bearing an abundance of large, handsome pods. **Package 10c.; lb. 25c.**

Yorkshire Hero. Vines 20 to 30 inches high, wonderfully productive of large pods, which are uniformly well filled with large, fine colored wrinkled peas of good quality. **Package 10c.; lb. 20c.**

Field Seed-Continued

OATS.

White Side. A standard grade here, and a good cropper for general planting. Per lb., postpaid, 15c. Per 100 lbs. \$1.50.

Oregon Wonder. A splendid strain of white winter oats, hardy in the Willamette Valley and heavy cropper. Yielded 100 bushels per acre, and has taken first prize at State Fair, Salem, two years. You cannot improve on this seed, which has been carefully developed for ten years by one of the best farmers in Oregon. Per lb. 20c. Per 100 lbs. \$2.50.

Oregon Welcome. Grown from best strain of Eastern Welcome oats and much improved over original stock. This oat is a heavy cropper, plump kernel and makes an excellent milling oat. Sown on clean land and put in good saleable condition, is sure to bring a premium. Per lb. 20c; Per 100 lbs. \$2.00.

WHEAT

Sonora. A beautiful, large-grained, bright straw colored wheat. Very productive and the most sought after by grain buyers. Per lb., postpaid, 15c. Per 100 lbs. \$1.50.

Little Club. One of the most reliable sorts for Eastern Oregon, Washington and Idaho. A favorite with grain exporters. Per lb., postpaid, 15c. Per 100 lbs. \$1.40.

Blue Stem. A remarkable, semi-hard wheat, yielding large crops, free from rust. The millers here pay more for it than any other sort. It is fully equal to the old Fife wheat and yields a much larger crop. It is now the main crop in the Northwestern states and the great milling kings use it for their leading grade flour. It has been the most reliable variety year after year, yielding a good crop where other kinds fail. Per lb, postpaid, 15c. Per 100 lbs. \$1.50.

MANN the SEEDMAN, 8 Front St., Portland, Ore

