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1883 — 1927

44th Annual Catalog

PIONEER SEED HOUSE

NURSERY AND GREENHOUSE of the NORTHWEST

TRADE MARK REGISTERED



FALCONER 2nd
SEMI-DENT



GEHU FLINT



BUREAU
MIXE



WILL'S DAKOTA
WHITE FLINT



OSCAR H. WILL & CO.

Seed Corn Specialists - Bismarck N.D.

D. N. Shoemaker

General Directions To Customers

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. **Personal checks on good banks are accepted**, but customers must pay exchange. U. S. stamps are accepted for small amounts.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Mail postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs., within 150 miles, 50 lbs. beyond that. Weight limit for Parcel Post to Canada 11 lbs., takes 8th zone rate. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT—Seeds sent by freight or express means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warrant, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented they may be at once returned at our expense when we shall refill or refund the customer's money as requested.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station we are glad to replace or refund. We do not guarantee Nursery Stock and Plants after being taken from the express office, but are always willing to give attention to just claims for loss.

The Story Which Prompted Our Cover Illustration

IT was in May of 1804 when that heroic 45—the Lewis and Clark Expedition—set out to follow the Missouri to the sea. Just five months later, when the daring explorers arrived among the Mandan Indians of North Dakota to camp for the winter, they had already covered 1600 miles. 1600 miles of constant travel, beset with all manner of hardships—lack of food not the least among them. Original provisions had early been exhausted. Buffalo and elk were not an easy catch in those days, for horses were still scarce.

The matter of sustenance promised to become a serious problem during the long, cold winter at Fort Mandan. In fact it threatened the morale of the party; there was talk of discontinuing the expedition. But Providence was kind. The Mandan Indians had thousands of bushels of their sacred CORN stored away in underground pits. And herein lay the explorers' hope. Fortunately the Mandans were friendly to their new white neighbors. They gave them corn generously; they bartered it willingly. The records tell that Captain Lewis bought as high as 90 bushels at a time from the Mandans. Often a mere can of tobacco was a fair exchange for a bushel of corn.

Strange, but the same varieties of corn which played such an important part in furthering the westward journey of Lewis and Clark, were destined later to play an equally important part in the agricultural wealth of the Northwest farmer. Here is what happened. 44 years ago, when Oscar H. Will settled in the Missouri Valley of North Dakota, he became acquainted with the descendants of the same Mandan Indians who befriended Lewis and Clark, and secured from them the native seed corn varieties which he and his followers have since developed into the hardiest, earliest corns in the world. Falconer, Gehu, Mandan, Dakota White Flint—all of the varieties shown on our 1927 Catalog Cover and more—such as the popular Northwestern Dent—were introduced and distributed by our company. We were the first seed house to make a specialty of breeding corn, grains, garden seeds and nursery stock adapted to the severe climate and short growing season of the Northwest.

Today our purpose is still the same; and it is gratifying and encouraging to witness the extreme confidence which leading growers place in our varieties. Moreover, if you yourself have never planted Will's Seeds, we trust that this Catalog will lead you to enjoy their heavier, earlier yields in 1927!

Garden and Lawn Hose, Nozzles and Sprinklers



Prices by express or freight, unless marked Postpaid.

HOSE—Imperial, Black Non-Kinkable, First Quality. Cut any length. **Price, 15c per foot. Couplings, 25c extra.**

MOHAWK or MINNESOTA—Black, cheaper quality, but a good durable hose, 50 foot lengths, with couplings, \$5.00.

RAIN KING SPRINKLER—The handiest sprinkler we have ever seen. Adjustable for both distance and direction. A wonderful invention. **Price, \$3.50; postpaid, \$3.75.**

FOUNTAIN SPRINKLERS—The standard ring sprinkler. **Each, \$1.25, postpaid.**
HOSE NOZZLES—Each, \$1.00 postpaid.

PREMIUMS

Premiums must be claimed at the time of ordering, and only one premium is allowed to each order.

CLASS 1. An order for vegetable or flower seeds to the amount of seven dollars, or of seed grain and trees to the amount of twelve dollars, entitles the customer to his choice of the following:

Amateur Guide to Landscape Gardening—This is just the book for the average home owner, either in town or country, and it places the principles of shrub and tree planting before the reader in simple and easily understandable language.

Farm Topics—This is a valuable reference book and compilation of valuable facts for the farm home.

CLASS 2. An order for vegetable or flower seeds to the amount of ten dollars, or for grain or trees to the amount of fifteen dollars entitles the customer to one of the following premiums:

Weeds and How to Eradicate Them—By Thomas Shaw.

Country Kitchen—900 tested recipes.

Amateur Fruit Growing—All the information required by the new fruit grower.

Poultry Manual—An excellent and very complete handbook for the poultry raiser.

CLASS 3. An order for vegetable or flower seeds to the amount of fifteen dollars, or for seed grain or trees to the amount of twenty-five dollars entitles the purchaser to one of the following:

Vegetable Gardening—An advanced book on gardening.

One 16-inch White Thermometer—Tested and good for fifty below. This is an article necessary on every farm.

SPECIALS

Special Onion Seed Premium—The book "Onions," by Ralph W. Jordan. Given upon request with each order for five pounds or more of onion seed. Sold at fifty cents. A complete work on the raising, handling, and treatment of onions with directions for every step from preparing ground to marketing.

Special Corn Premium—To those especially interested in the Indian Agriculture we can offer a book on the subject, "Corn Among the Indians of the Upper Missouri." This sells at \$1.50, and we shall be glad to send it as a premium with every seed corn order of \$25.00 or more.

PARCEL POST RATES

Limit of weight in zones 1 and 2 is 70 lbs. Weight limit for zones 3 to 8 inclusive, is 50 lbs.

If You Do Not Know Which Zone Rate Applies Consult Your Postmaster

For zones 1 and 2 one pound is 7c. Add 1c per pound to 7c for each additional pound weight of the package. Thus 7 pounds will be 7c plus 6 additional pounds at 1c per pound, or 13c.

Zone 3—one pound is 8c. For each additional pound add 2c. **Zone 4**—One pound is 9c. For each additional pound add 4c. **Zone 5**—One pound is 10c. For each additional pound add 6c. **Zone 6**—One pound is 11c. For each additional pound add 8c. **Zone 7**—One pound is 13c. For each additional pound add 10c. **Zone 8**—one pound is 14c. For each additional pound add 12c. The 8th zone rate applies on parcel post to Canada.

My sixteen years' experience in dry farming teaches me the value of Will's seeds, always well adapted to this great Northwest. Just a mile high, sometimes quite dry, your seed never fails to mature here.

E. F. Samuelson, Chugwater, Wyo. R. A.

I have used Will's Pioneer Brand seeds for the past three years and find that seed worry has vanished.

Albert C. Gohn, Stratton, Ontario.

I am sending pictures of the Hyslop crab apples, Compass cherry, Desoto and wild plums bought of you seven years ago. The Hyslop crab has given me one bushel of apples each year for the last four.

Mrs. Mike Thelen, Savannah, Minn.

Special Collections WILL'S BARGAIN COUNTER

SPECIAL PACKET COLLECTION NO. 1

We offer thirteen five-cent packets of seed, the selection of the buyer, for 50c.

Seeds in packets at more than 5c per packet may be counted as two or more five cent packets, but in no case are ounces or larger packages to be included in this collection.

SPECIAL FLOWER SEED COLLECTION NO. 2

For School Children

To children interested in flowers we offer seven packets of flower seeds of our selection for 25c.

WILL'S SWEET CORN COLLECTION

The collection is designed to give corn lovers the longest possible succession of roasting ears by furnishing a planting of each variety from the very earliest sorts to the latest which we can use profitably in our climate.

Two ounces of each of the following varieties.

Assiniboine Yellow	Nuetta	Golden Bantam
Will's Early June	Improved Early Dakota	Banana Cream
	Stowell's Evergreen	

The PRICE of the COLLECTION is 50c, postpaid.

WILL'S DOLLAR HOME GARDEN COLLECTION

For a garden 25x40 feet, figured in 25-ft. rows. This collection is a great saving and an especial convenience to the customer who is not familiar with varieties and comparative quantities required.

Amount, Variety, Space Required, Distance Between Rows and Regular Price:

1/2-lb. Improved Golden Wax Beans, 2 rows, 18 in.	\$.03
1 oz. Will's Improved Beet, 2 rows, 18 in. ....	.10
2 pkts. Danvers Half Long Carrot, 2 rows, 18 in. ....	.10
1/2-lb. Golden Bantam Sweet Corn, 4 rows, 2 1/2 ft. ....	.15
1 pkt. Early Fortune Cucumber, 1 row, 3 ft. ....	.05
2 pkts. Lettuce, 1 Leaf, 1 Head, 1 row, 1 ft. ....	.10
2 pkts. Dakota Globe Onion, 2 rows, 18 in. ....	.10
2 pkts. Improved Guernsey Parsnip, 2 rows, 18 in. ....	.10
1/2-lb. Prize Winner Peas, 2 rows, 2 ft. ....	.25
1/2-lb. Nott Excelsior Peas, 2 rows, 2 ft. ....	.25
1 oz. Radish, Will's Early Carmine, 2 rows, 1 ft. ....	.10
1 pkt. Extra Early White Milan Turnip, 1 row, 18 in. ....	.05
Value if ordered separately.	\$1.58
Price, postpaid.	\$1.00

WILL'S PIONEER INDIAN COLLECTION

Seven packets of the same vegetable varieties grown by the Indians of this section long before the white man ever saw North Dakota. Interesting and valuable.

1 pkt. Assiniboine Corn	1 pkt. Arikara Yellow Bean	1 pkt. Mandan Squash
1 pkt. Nuetta Sweet Corn	1 pkt. Indian Sunflower	1 pkt. Omaha Pumpkin
	1 pkt. Gilmore Squash	

Price 25c Postpaid

For Our LEADER COLLECTION See Page 12

FLOWER SEED

WILL'S OLD FASHIONED FLOWER GARDEN COLLECTION—75c, Postpaid

1 pkt. Antirrhinum.	1 pkt. Double Daisy.	1 pkt. Phlox.
1 pkt. Bachelor's Button.	1 pkt. Forget-Me-Not.	1 pkt. Portulaca.
1 pkt. Balsam.	1 pkt. Hollyhock.	1 pkt. Stock.
1 pkt. Canterbury Bells.	1 pkt. Marigold.	1 pkt. Sweet William.
1 pkt. Convolvulus.	1 pkt. Mignonette.	1 pkt. Verbena.
1 oz. Tall Nasturtiums.	1 oz. Imperial Mixed Sw. Peas	1 pkt. Zinnia.

VALUE \$1.30—PRICE, POSTPAID, 75c.

In order that our customers may plant and grow with better understanding, we make use of the following symbols:

- (A) **Annuals**—These complete the cycle of growth, flowering, and death, the first year.
 (B) **Biennials**—These grow from seed the first year, bloom and die the second. If started indoors these commonly bloom the first year.
 (P) **Perennials**—These live and flower year after year.
 (T) **Tender**—Plants so marked should be started inside and transplanted after danger of frost is past.
 (C) **Climbing Plants.**

PIONEER ASTERS (A)



Japanese

PURITY-WHITE DAYBREAK—An early flowering, strong, bushy variety of very even growth, about 20 inches in height. The full round flowers are of the purest snowy white. Fine for bedding. **Pkt., 10c; ¼-oz., 40c.**

DAYBREAK—This early flowering variety is a compact strong grower about 20 inches tall with soft pink, ball-like blossoms. **Pkt., 10c; ¼-oz., 40c.**

CRIMSON CREGO—A mid-season variety of the branching type growing about 2 feet tall. The crimson flowers are commonly 4 to 5 inches across, borne on stems 12 inches long. A fine all 'round sort. **Pkt., 10c; ¼-oz., 35c.**

LAVENDER CREGO—Season, form and habit the same as the Crimson Crego, but with lavender blossoms. **Pkt., 10c; ¼-oz., 35c.**

PURPLE CREGO—Another color in the glorious Crego family. **Pkt., 10c; ¼-oz., 40c.**

JAPANESE—A mid-season giant flowering variety of branching habit growing about 2 feet high. The long, narrow petals bend and curl on each other to make this the fluffiest aster of them all. **All colors mixed. Pkt., 5c; ¼-oz., 30c.**

AGERATUM—(A) One of the best border and bedding plants, blooming from early summer to frost. Grow 10 inches tall. **Blue Perfection. Pkt., 5c; ¼-oz., 15c. Album-White. Pkt., 5c; ¼-oz., 15c.**

ALYSSUM—(A) One of the finest annuals we have for edging; very dwarf and blooming from early in the season until frost.

Sweet Alyssum (Maritimum) Honey scented white blossoms. **Pkt., 5c; ½-oz., 15c.**

Lilac Queen—Deep lavender, lilac blossoms. **Pkt., 5c; ½-oz., 25c.**

ANTIRRHINUM—SNAPDRAGON—Tall Giant Flowering. (A) They are easily raised from seed in any sunny bed. The flowers of our new strain are produced on long spikes which makes them valuable for cutting. Spring seedlings bloom by midsummer and if cut freely the flowering is continuous until fall. They may be then taken up, cut back, and will bloom in the house during the winter. Our offering comprises a mixture of all colors, from light pink to a gorgeous glowing scarlet. **Pkt., 5c; ¼-oz., 20c.**

BACHELOR'S BUTTON—CORN FLOWER—(Centaurea Cyanus.) (A) This is among the most attractive of all hardy annuals and one of the most popular of the old-fashioned flowers.

Double Blue. Pkt., 10c; ¼-oz., 20c.

Double Mixed. Pkt., 5c; ¼-oz., 15c.

BALLOON VINE—(A-C) Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-Puff." The flower is insignificant, but the plant is a rapid and graceful climber. **Pkt., 5c; oz., 25c.**



Antirrhinum-Snapdragon



Balsam

CANARY BIRD FLOWER—(A-C) A beautiful climber with a charming little canary-colored blossom bearing a slight resemblance to a bird with the wings half extended. **Pkt., 5c; oz., 30c.**

CANDYTUFT—**Giant Flowering Mixed.** (A) This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots, or borders. **Pkt., 5c; ½-oz., 20c.**

CANNA—**Crozy's Dwarf.** (P-T) A large flowered strain of this tropical foliated plant. The seed is very hard and for best results the skin should be scraped through in one spot and seed soaked 24 hours before sowing. **Pkt., 10c; ½-oz., 25c.**

CANTERBURY BELLS—(B) A hardy campanula bearing a profusion of rose and purple delicately bell-shaped flowers. Does best in a rich, light soil and should be started indoors. **Pkt., 5c.**

CARNATION—**Dwarf Margaret.** (P) Our mixed color strain of this general favorite will produce an abundance of fragrant double flowers. They are quite hardy, bloom four months from seed, and may be cut back and planted in pots for winter blooming. With slight covering they will live out all winter. **Pkt., 10c; ¼-oz., 40c.**

CARNATION—**Chabaud Mixed.** (P) This reselected French sort blooms in five months from seed and from then on blooms indefinitely in wonderful profusion of splendid double flowers. **Pkt., 15c; ¼-oz., 65c.**

CATCHFLY—(A) A bright-colored, free-flowering annual, largely grown for spring flowering and used in borders and rock work. It succeeds in any light, loamy soil. Our mixture embraces the white, red and rose-flowering strains. **Pkt., 5c; ¼-oz., 25c.**

CENTAUREA IMPERIALIS—**Giant Sweet Sultan.** (A) The finest of all Sweet Sultans for cut flowers. The large, sweet scented, graceful, thistle-like blooms are borne on long strong stems. Mixed. **Pkt., 10c; ¼-oz., 25c.**

CHINESE LANTERN PLANT—**Physalis Franchetti.** (P) Produces lantern like fruits that turn bright red when ripe. The stems should then be cut, the leaves stripped off, and the fruits will retain their color through the winter. **Pkt., 10c; ¼-oz., 40c.**

CHRYSANTHEMUM—**CORONARIUM**—**FRENCH MARGUERITE.** (A) These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. In cool, moist locations they grow easily from seed and flower freely. Excellent pot plants during the spring months. **Pkt., 5c; ½-oz., 20c.**

CLARKIA—**Double Mixed.** (A) This popular hardy annual is easily grown with most beautiful results. **Pkt., 10c; ¼-oz., 20c.**

COBOEA SCANDENS—**Cathedral Bells.** (A-C) Very prolific and perfectly hardy. This is the most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. **Pkt., 5c; ¼-oz., 20c.**

BALSAM-LADY SLIPPER—**Double Camellia Flowered.** (A) An old favorite, it likes hot sun, rich soil, and plenty of water. In return it will give its brilliant masses of beautiful double flowers in greatest profusion. All colors mixed. **Pkt., 5c; ¼-oz., 20c.**

BEANS—**Scarlet Runner.** (A-C) This old-time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pea-like blossoms. **Pkt., 5c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c.**

BEE BALM-SPIDER PLANT—(A) A very hardy native plant growing well in gumbo and alkali. Two to four feet high with spider-like purple flowers in August. **Pkt., 5c.**

CALENDULA-POT MARIGOLD—**Orange King.** A deep orange, very double, large flowered strain of this showy, hardy annual. Grows anywhere and blooms from midsummer until frost. **Pkt., 5c; ¼-oz., 15c.**

CALLIOPSIS—**TICKSEED**—(A) A showy and free-flowering annual, blooming all summer and excellent for cutting and massing. We offer a mixture of the finest strains. **Pkt., 5c; ½-oz., 20c.**



Carnation



Cosmos

COSMOS

EARLY MAMMOTH FLOWERING SINGLE MIXED—(A) We offer a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower lovers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in late summer with huge blossoms. A fine annual hedge. **Pkt., 5c; ¼-oz., 20c.**

EARLY FLOWERING DOUBLE MIXED—(A) This new class is the best of all Cosmos for cutting, and one of the finest subjects for mass planting. They come about 65 per cent true double from seed. **Pkt., 10c; ¼-oz., 50c.**

WILD CUCUMBER—(A-C) The quickest growing climber we have. Thickly dotted with white flowers followed by ornamental and prickly seed pods. For spring planting scald before sowing. **Pkt., 5c; oz., 15c; ¼-lb., 55c.**

CYPRESS VINE—(A-C) A most beautiful climber with dark green fern-like foliage and mass of beautiful star-shaped flowers. **Pkt., 5c; ½-oz., 25c.**

SUMMER CYPRESS—BURNING BUSH. (A) A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. **Pkt., 5c; ½-oz., 15c.**

DAHLIAS

CACTUS—Loosely formed Chrysanthemum-like flowers. **Pkt., 10c.**

DOUBLE—A mixture of seeds from the best varieties. **Pkt., 10c.**

FRENCH COLLARETTE—Peculiar in the row of short petals around the disc, distinctly colored from the rest of the flower. **Pkt., 10c.**

DAISIES

SHASTA—(P) This hardy perennial can be grown out of doors anywhere. The flowers are large with white, cream and yellow colored petals and small golden centers. We offer the choicest obtainable strain. **Pkt., 10c; ¼-oz., 90c.**

For Roots, see Page 90.

DOUBLE—Bellis. (A & P) Dainty spring flowering, shade-loving plants, suitable for borders and low beds. **Pkt., 10c; ¼-oz., 40c.**

DIANTHUS—Chinese Pink. (A & P) Like its relative, the carnation, the Dianthus is supremely beautiful. Our double mixture ranges from pure white to the most delicate pink and deep glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. **Pkt., 5c; ¼-oz., 20c.**

DIGITALIS—FOXGLOVE. (P) Easily grown perennial attaining a height of from 2 to 4 ft. and producing long spikes of beautiful tubular-shaped flowers. **Pkt., 5c; ¼-oz., 25c.**

FORGET-ME-NOT. (P) These charming little favorites succeed best in cool, moist soils, blooming most freely during the spring and fall months. If lightly covered, they will live through the winter and will bear even more profusely the second spring than the first. **Pkt., 10c; ¼-oz., 30c.**

FOUR O'CLOCK—Marvel of Peru. (A) A beautiful bushy, free-flowering old-fashioned favorite. The showy flowers open only in the afternoon or on cloudy days. A good annual hedge. **Pkt., 5c; oz., 15c.**

GERANIUM—(A) Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. **Pkt., 10c.**

GOURDS—Ornamental. (A-C) A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. **Pkt., 5c; oz., 25c.**

GYPSOPHILA ELEGANS GRANDIFLORA ALBA—Angel's Breath. (A) An improved white flowering strain of the delicately graceful favorite so much in demand for cutting and in combination with other flowers. **Pkt., 5c; ½-oz., 20c.**

HELIANTHUS—Chrysanthemum Flowered. (A) The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. It is especially adapted for backgrounds and hiding unsightly places. **Pkt., 5c; oz., 25c.**

HELIANTHUS—MAMMOTH RUSSIAN SUNFLOWER. (A) This is the old-fashioned heavy seed producer. Single heads measure from 12 to 22 inches across and contain an immense quantity of seed valuable as a poultry and stock food. **Pkt., 5c; ½-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.**



Dianthus—Chinese Pink



Digitalis—Foxglove

HELICHRYSUM—EVERLASTING OR STRAWFLOWER. (A) Much prized for durable bouquets and winter decoration. To dry, gather flowers when partly unfolded and hang heads down in a cool place. Finest mixed. **Pkt., 5c; ¼-oz., 20c.**

HELIOTROPE—(A-T) A universal favorite on account of its fragrance and beauty. Few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. **Pkt., 5c.**



Hollyhock

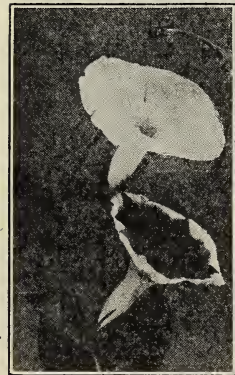
growing, free-flowering, old-fashioned perennial with its erect spikes of beautiful blossoms holds first rank. For blooms the first year, start indoors. **Pkt., 10c; ¼-oz., 25c.**

LAVATERA—Swiss Rose. (A) An annual Mallow, showy and effective for either large borders or cutting. **Rosea Splendens.** Very large, bright rose flowers; **Alba Splendens,** large silky, pure white fls. **Either color. Pkt., 10c; ¼-oz., 25c.**

LOBELIA—Crystal Palace Compacta. (A) One of the best and most popular border plants, bushy, 6 inches high, with dark foliage and deepest blue flowers which fairly cover the plants throughout the season. **Pkt., 10c; ¼-oz., 95c.**

MARIGOLD—The Eldorado. (A) The plants grow 2½ feet high with large, double, imbricated flowers, from 3 to 4 inches in diameter. Our strain embraces four shades of color; the lightest primrose, lemon, golden-yellow, and deep orange. **Pkt., 5c; ¼-oz., 20c.**

MARIGOLD—French Mixed. (A) A dwarf strain forming ball-like bushes 1 foot high, of quick growth and free-flowering habit. The double flowering sorts of our mixture include the most rich and beautiful colors. **Pkt., 5c; ¼-oz., 20c.**



Finest Mixed Morning Glory

the vines will frequently in their variations. **Pkt., 5c; oz., 20c; ¼-lb., 75c.**

NASTURTIUMS

WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS. (A) Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows one to two feet apart and when well started, in the rows. The plants bloom freely and the flowers embraces every desirable color. **Pkt., 5c; oz., 15c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.00.**

WILL'S SUPERB TALL MIXED NASTURTIUMS—(A-C) Our magnificent strain makes a strong growth of from 5 to 6 feet, flowering freely from spring to fall with large blooms of the most brilliant shades. These are remarkable for their wide range, embracing rose, salmon-pink, light yellow, deep orange, velvet maroon, and purple in clear color, as well as every conceivable fancy in stripe and blotch. We are justly proud of our selection which we feel deserves a place in every garden. **Pkt., 5c; oz., 15c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.00.**

HOLLYHOCK—Pioneer Mixed. (P) Tall, stately, majestic, our strain of this old-fashioned favorite cannot be improved upon. This is a perennial and will not bloom the first year unless planted indoors in March. Our mixture comprises all colors from white to black, in single, semi-double, double. **Pkt., 5c; ¼-oz., 20c.**

HOLLYHOCK—Annual Finest Mixed. (A) If sown in open ground in May these will bloom in August. Earlier blooming may be obtained by starting indoors. Continuously covered by large flowers in variety of colors. Double and semi-double. **Pkt., 10c; ¼-oz., 30c.**

ICE PLANT—(A) A trailing plant with singular icy foliage; most excellent for vases, hanging baskets or rockwork. **Pkt., 5c.**

LARKSPUR-DELPHINIUM—Annual Tall Stock-Flowered. (A) The annual forms of Larkspur with their long, graceful spikes of bloom are valuable for borders and planting among shrubs. For early blooming, start indoors. **Pkt., 5c; ¼-oz., 20c.**

LARKSPUR-DELPHINIUM—Perennial Finest Mixed.

(P) Especially striking as backgrounds for borders, this quick-



Marigold



Dwarf Mixed Nasturtiums

WILL'S PANSIES (P)

CULTURE—Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart, and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.



A Royal Show Pansy

WILL'S ROYAL SHOW—We have spared neither care nor expense in our efforts to make Will's Royal Show Pansies the best mixture obtainable. The colorings and markings are diverse beyond belief. The blooms are all that can be desired in size and form. **Pkt., 15c; 2 pkts., 25c; ¼-oz., \$1.50.**

WILL'S PREMIUM MIXTURE—While not to be compared with the Royal Show, Will's Premium mixture has large blooms in complete color range, and will please everybody who enjoys pansies and can appreciate quality of color, shape, and substance. **Pkt., 5c; ¼-oz., 55c.**

BRONZE MASTODON—The best of pansies in a beautiful bronze shade. **Pkt., 15c.**

PANAMA-PACIFIC MASTODON—Wonderfully large yellow blossoms. **Pkt., 15c.**

ADONIS MASTODON—The best of the light blue pansies. **Pkt., 15c.**

For Pansy Plants, See Page 71.

PETUNIAS (A)

CULTURE—The greatest care should be taken in planting Petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

PRIZE DOUBLE—Our large flowering strain marks a great advance in Double Petunias. At least 50 per cent of the plants produced will have double or semi-double blooms. The intensely careful work necessary in pollinizing and harvesting makes our seed "worth its weight in gold". **Pkt., 20c; 2 pkts., 35c.**

HYBRIDA GRANDIFLORA—In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. **Pkt., 10c; ¼-oz., 30c.**

ROSY MORN—A dwarf Petunia, dainty and effective for borders. In color a soft carmine pink with white throat. **Pkt., 10c.**



Prize Double Petunia

PENSTEMON GRANDIFLORA—Beard Tongue. (P) One of the most beautiful of our native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July, with long spikes of large lavender, bell-shaped blossoms. Fine for cutting and color masses. **Pkt., 5c; ¼-oz., 20c.**

PORTULACA—Rose Moss. (A) A hardy dwarf annual of easy culture. It thrives anywhere and produces an abundance of brilliant blooms where almost any other plant would die. The flowers are rich and brilliant in coloring. Fine for beds, borders and rock planting.

Double Mixed. **Pkt., 10c; ¼-oz., 90c.** **Single Mixed.** **Pkt., 5c; ¼-oz., 25c.**

PRIMROSE or PRIMULA—(T-A) Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the fall and continue through the winter. Our mixture includes not only the choicest colors of the single flowering Primulas, but also selected seed from hybridized flowers, which will produce a number of double blooms. **Pkt., 10c.**

For Single and Double Petunia Plants, see page 71.

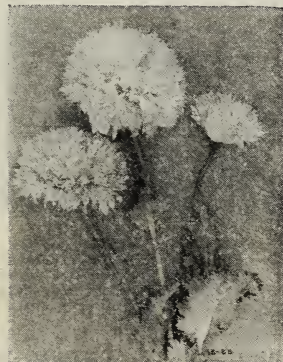
PHLOX—Drummondii Grandiflora. (A) Of all summer flowering annuals, Phlox Drummondii stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. **Pkt., 10c; ¼-oz., 35c.**

POPPIES (A)

MIXED CARNATION—This is the finest double mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. **Pkt., 5c; ½-oz., 15c.**

SHIRLEY—This strain is perfectly hardy and flowers the first season from seed. The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. **Pkt., 10c; ½-oz., 30c.**

CALIFORNIA or ESCHOLTZIA—Crimson, white and gold. A showy, free-flowering plant of low, spreading growth and finely divided silvery-gray foliage. Seed should be sown thinly and early in the spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. We can supply separate colors in half ounces. **Pkt., 10c; ½-oz., 20c.**



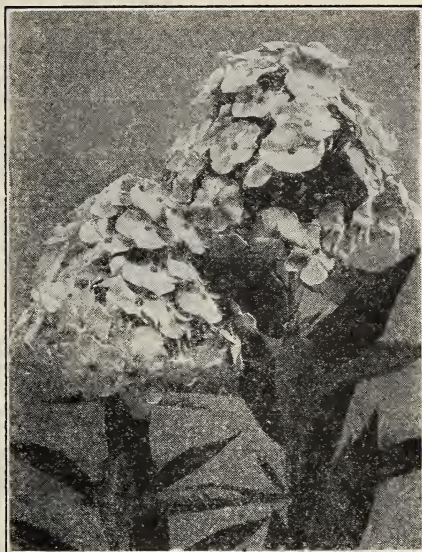
Carnation Poppy

SCABIOSA—MOURNING BRIDE (A) Our large flowering tall double sort forms compact, rounded plants of dark green foliage, 10 inches in height. The flowers are borne on tall, slender stems 20 inches in length and bloom from the middle of July to frost. Scabiosa is prized for cutting and much used for borders. **Pkt., 5c; ¼-oz., 20c.**

SNOW ON THE MOUNTAIN. (*Euphorbia variegata.*) (A) A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white, much used in mixed borders and as a background for lower growing plants. **Pkt., 10c; ¼-oz., 30c.**

STOCK—Dwarf Ten Weeks. (A) The large flower spikes are borne in great profusion. They are of beautiful coloring, rich fragrance, and excellent keeping quality. Our strain is of the best for bedding and early summer flowering. **Pkt., 5c; ¼-oz., 35c.**

SWEET ROCKET—HESPERIS. (B) An old-fashioned plant growing 2 to 3 feet high, bearing spikes of showy fragrant flowers. Used for borders and cutting. **Pkt., 5c.**



Phlox Drummondii

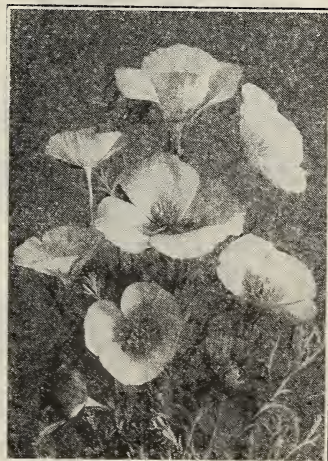
FLANDERS

—Hardy and easily grown, the vivid scarlet red flowers cannot be surpassed for effect when massed in solid beds. The official flower of the American Legion. **Pkt., 10c; ¼-oz., 30c.**

BLUE MAW—The seed is much used in cooking by the people of Central and Southeastern Europe. **Pkt., 5c; oz., 10c; 1 lb., \$1.00.**

RICINUS—CASTOR BEANS. (A-C) Strong growing ornamental plants of stately growth, ornamental foliage, and brilliant colored fruit. Much used for center plants in beds and for massing. **Pkt., 5c; oz., 15c; ¼-lb., 45c.**

SALPHIGLOSSIS—Grandiflora. "Velvet Flower." (A) A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvet, yellow and reddish bronze. **Pkt., 5c; ¼-oz., 30c.**



California Poppy or Escholtzia



Sweet William

ZINNIA—Dahlia Flowered. (A) The Dahlia Flowered Strain is the biggest advance in the development of the Zinnia to date. This old fashioned favorite is much used for bedding and borders and lately for cutting. Few flowers are more easily grown and bloom more abundantly. With this new strain you can have larger, handsomer, and more brilliant Zinnias than ever before. **Pkt., 10c; ¼-oz., 50c.**

CHOICE MIXED SWEET PEAS

A Few Suggestions in Regard to Sweet Pea Culture—

The Sweet Pea Plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown at the rate of one ounce to fifteen feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening

during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember the vines quickly wither if allowed to produce any great amount of seed.



Imperial Mixed Sweet Peas

WILL'S GIANT SPENCER MIXED—A perfect blend of proper proportions of many splendid varieties of the Spencer or orchid-flowered type throughout the whole range of color. This mixture has involved careful selection and we highly recommend it. **Pkt., 10c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.15; 1 lb., \$2.25.**

SWEET WILLIAM—Dianthus Barbatus. (P) These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. **Pkt., 10c; ¼-oz., 20c**

VERBENA HYBRIDA—A most popular annual of many uses, bearing large clusters of showy flowers through a long season until frost. The colors of our mixture are rich and varied and embrace all the brighter shades. **Pkt., 10c; ¼-oz., 25c.**



Dahlia Flowered Zinnia

WILL'S IMPERIAL MIXED—A blend of all the best Spencer strains and the old, but ever popular, Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled, and margined. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.00.**

EARLY FLOWERING SPENCER MIXTURE—These bloom nearly a month before the standard Spencer varieties but with the same large, waved flowers, and continue to flower for an even longer period. They have replaced the standard Spencers in greenhouse planting and though they do not grow quite as tall, their earliness and long season of bloom, make them invaluable in outdoor planting. Every desirable shade will be found in our mixture. **Pkt., 15c; oz., 35c; ¼-lb., \$1.40; ½-lb., \$2.75; 1 lb., \$5.00.**

TREAT
SWEET PEAS
WITH



Garden
Size
25c.

SEE PAGE 67.

For an old-fashioned garden with
old-fashioned blooms use WILL'S
GUARANTEED FLOWER SEEDS.

WILL'S SWEET PEAS

Spencer Varieties

These are the orchid-flowered or large waved Sweet Peas. We have endeavored to select for you the choicest and most beautiful varieties.

AUSTIN FREDERICK IMPROVED—The large **pure lavender** flowers are borne on long stiff stems with fours predominating. We regard this variety as the best lavender Sweet Pea. **Pkt., 10c; oz., 30c.**

COMMANDER GODSALL—A free blooming deep violet-blue. **Pkt., 10c; oz., 30c.**

GUINEA GOLD—Bright, glowing orange on a gold ground. This variety was given an Award of Merit by the National Sweet Pea Society. **Pkt., 10c; oz., 35c.**

HAWLMARK PINK—One of the finest varieties now in cultivation. The color is a beautiful shade of **rose-pink, shaded with salmon**. The flowers are large, usually borne in fours on long stout stems. **Pkt., 10c; oz., 30c., ¼-lb., 90c.**

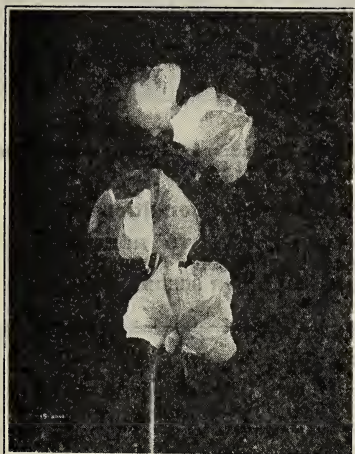
HERCULES—This old favorite is a mammoth bright rose pink, an especially vigorous grower and free bloomer. **Pkt., 10c; oz., 25c; ¼-lb., 80c.**

ILLUMINATOR—A rich cerise salmon, the flowers of this variety are uniformly large. **Pkt., 10c; oz., 25c.**

FOR MORE AND BETTER BLOOMS TREAT SEED WITH Garden Size Package, 25c, post-paid. See Page 67.



KING EDWARD—The old unsurpassed deep, rich crimson. Sunproof and a reliable bloomer. **Pkt., 10c; oz., 25c; ¼-lb., 80c.**



Hawlmark Pink (¼ Natural Size)

KING WHITE—Gigantic flowers of exquisite form and pure glistening white color. **Pkt., 10c; oz., 30c; ¼-lb., \$1.00.**

PICTURE—The color is a blend of cream and pink, with deeper shading on the wings. **Pkt., 10c; oz., 30c.**

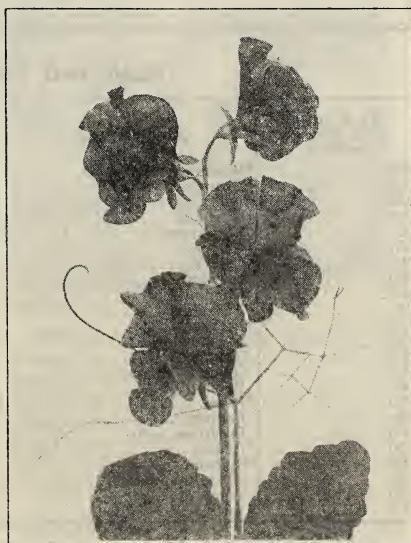
PRIMROSE—Large cream-yellow flowers of splendid substance and well waved. **Pkt., 10c; oz., 25c.**

ROYAL PURPLE—A rich warm purple, the best of its color. **Pkt., 10c; oz., 30c.**

ROYAL SCOT—A brilliant orange scarlet that does not fade or burn in the hottest sunshine. **Pkt., 10c; oz., 30c; ¼-lb., 90c.**

WARRIOR—A rich chocolate maroon shaded lightly with bronze, a free bloomer and strong grower. **Pkt., 10c; oz., 25c.**

WEDGEWOOD—A unique shade of light blue, borne most uniformly in four flower sprays. **Pkt., 10c; oz., 25c.**



King Edward (¼ Natural Size)

SPECIAL OFFER

One regular packet of each of the above 14 varieties, **\$1.00**. If purchased separately would cost **\$1.40**.

Will's Pioneer VEGETABLE SEEDS Grow Quick



VIEW'S OF OUR TRIAL GROUNDS

Please remember that the prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.

Will's Hardy, Acclimated Garden Seeds for Northwestern Conditions.

WE HAVE INTRODUCED MORE VEGETABLE VARIETIES SUITED TO NORTH-WESTERN CONDITIONS THAN ALL OTHER FIRMS COMBINED AND THE EXPERIENCE OF FORTY-FOUR YEARS IS YOURS WITH OUR SEEDS.

Our Leader Collection 60c Postpaid

- | | |
|--------------------------------------|----------------------------------|
| 1 pkt. Will's Improved Beet. | 1 pkt. Millet's Dakota Tomato. |
| 1 pkt. Copenhagen Market Cabbage. | 1 pkt. Dakota Globe Onion. |
| 1 pkt. Danvers Half Long Carrot. | 1 pkt. Guernsey Parsnip. |
| 1 pkt. Golden Self Blanching Celery. | 1 pkt. Harris Earliest Pepper. |
| 1 pkt. Early Fortune Cucumber. | 1 pkt. Early Carmine Radish. |
| 1 pkt. Curled Simpson Lettuce. | 1 pkt. Will's Improved Rutabaga. |
| 1 pkt. Ex. Early Osage Muskmelon. | 1 pkt. Improved Hubbard Squash. |
| 1 pkt. Will's Sugar Watermelon. | |

PLANTING TABLE FOR VEGETABLES

Ft. of row for five persons	Kind of Vegetable	Distance apart of plants in rows (inches)	Least distance between rows (inches)	Seed for 100 feet of row
200	*Beans—Dwarf, snap	2-5	29	2 lbs.
100	Beans—Dwarf, Lima	6	20	2 lbs.
150	*Beets	2-4	18	2 oz.
200	Cabbage	16-24	24	50-75 plants.
50	Cauliflower	16-24	24	50-75 plants.
50	*Carrot	2	18	1 oz.
50	Celery	4-8	18	200 plants.
500	*Corn, sweet	16-36	30	1/2 lb.
100	Cucumber	Hills 48	48	1/2 oz.
25	Egg plant	20-30	24	50 plants.
150	*Lettuce	4-8	Beds 6	1/2 oz.
150	Muskmelon	Hills 72	72	1/2 oz.
300	Onions	4-6	14	1-3 oz.
200	Onions, from sets	2-3	16	3 pts. sets.
50	Parsnip	3-5	18	1/2 oz.
300	*Peas	1/2-1 1/2	30	2 lbs.
25	Peppers	18	24	1/2 peck
800	Potatoes, early	14-18	30	1 oz.
150	*Radish	1-2	16	20 plants
200	*Spinach	1-3	18	1 oz.
25	Squash, summer	Hills 42	42	1/2 oz.
100	Tomato	30	36	40 plants
800	*Turnip	2-4	18	1/2 oz.

These vegetables marked * should not all be planted at one time, but a part at intervals of two or three weeks to secure a continuous supply.

If you use large quantities of Garden Seeds, let us quote on your requirements.

ASPARAGUS

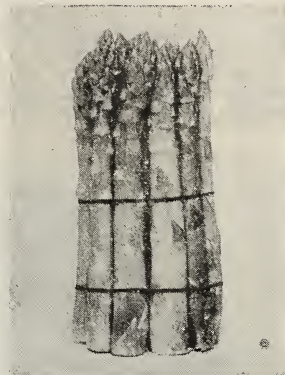
One Ounce Will Sow Fifty Feet of Drill

CULTURE—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

WASHINGTON—The new rust resistant variety developed by the experts of the U. S. Department of Agriculture and which we believe will soon be grown to the exclusion of all other varieties. A very heavy yielding pedigreed strain; the rich, dark green stalks are long, thick and heavy. **Pkt., 10c; oz., 35c; ¼-lb., \$1.20; 1 lb., \$3.25, postpaid.**

CONOVER'S COLOSSAL—This is the largest and most extensively grown green variety. **Pkt., 5c; oz., 10c; ¼-lb., 30c; 1 lb., \$1.10, postpaid.**

COLUMBIA MAMMOTH WHITE—A distinct variety of strong and vigorous growth producing very large white shoots that in favorable weather remain white as long as fit for use. **Pkt., 5c; oz., 10c; ¼-lb., 30c; 1 lb., \$1.10, postpaid.**



Conover's Colossal

ASPARAGUS ROOTS

WASHINGTON (Rust Proof)—Two year old roots. **Per Doz., 50c; 50, \$1.75; 100, \$3.25, postpaid. By express, 50, \$1.50; 100, \$3.00.**

CONOVER'S COLOSSAL. COLUMBIA MAMMOTH.

Either of the two varieties next above, 2 year roots, **per 25, 85c; 100, \$2.25, postpaid. By express, 25, 75c; 50, \$1.25; 100, \$2.00; 500, \$8.00; 1000, \$15.00.**

MARY WASHINGTON—This is the most perfect and heaviest bearing of the various Washington strains, originated by the U. S. Dept. of Agriculture, which have worked such a revolution in asparagus varieties. Two year roots, **per doz., 75c; 50, \$2.00; 100, \$3.50, postpaid. By express, 50, \$1.75; 100, \$3.25.**

WILL'S BEANS

CULTURE—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. Note that we are listing beans by weight instead of measure. One pound of beans is a little more than one pint.

FIELD BEANS



Great Northern Baking Beans (Natural Size)

GREAT NORTHERN—The Most Delicious Baking Bean in the World. This hardiest bean was originally obtained by us forty years ago from Son of a Star, an Hidatsa Indian, by whose tribe it had then been raised for many years. It is a wonderful yielder and one of the most profitable sorts that can be raised, commanding a decided premium over pea beans.

Cooks in considerably shorter time than pea beans, is sweeter, more tender, and more readily digestible. Grown to the exclusion of all other varieties around Billings, the Bean center of the Northwest **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.50; 100 lbs., \$10.00.**

HIDATSA RED—A heavy yielder, hardy, drought resistant, and an excellent baking bean. The seed is similar to the Great Northern in shape, but is red in color. Originally obtained from one of the Ft. Berthold tribes. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.60; 100 lbs., \$11.00.**



See Page 67

and more readily digestible.

PILOT NAVY—The Earliest on Earth. This bean, originated in Minnesota by Mr. Dupont, and introduced by us in 1913, has come to occupy a very high place both for its earliness and its cooking qualities. It comes close to the wax beans, from which it developed, in tenderness. The skin is very thin and it is the best flavored of the Navy Beans. Its earliness makes it a most valuable acquisition to our field crops. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.65; 100 lbs., \$12.00.**



See Page 67



Green Pod Stringless

Pod Stringless. Its hardness and yield under adverse conditions are its best qualities. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10.**

PENCIL POD BLACK WAX—An old favorite sort, hardy, productive and of excellent flavor. Long, golden yellow pods, stringless and brittle. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.20.**

NEW KIDNEY WAX—A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average 6½ inches long and are an attractive, clear yellow in color. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c, postpaid. By express or freight, 5 lbs., \$1.35.**

UNRIVALLED WAX—An immensely productive, very early, showy sort. The fleshy, flattened pods are clear yellow in color, with a trace of string but quite fiberless. The plant is very vigorous. This is one of the best yellow flat podded varieties. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.25.**

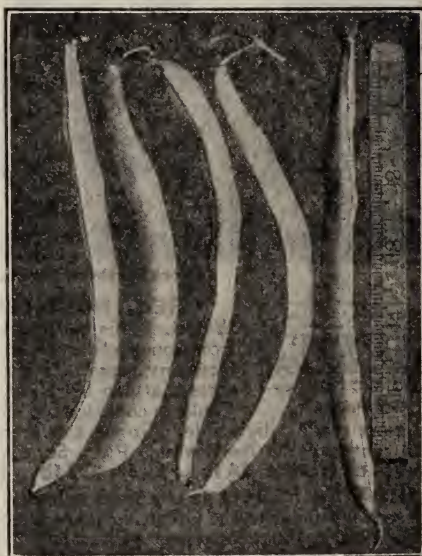
Nitragin Will Give You Big Bean Crops.
See Page 67

ARIKARA YELLOW—An even better flavored bean than the Hidatsa, but not quite as heavy a yielder. It is named after one of the Ft. Berthold Indian tribes by whom it is much grown. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.60; 100 lbs., \$11.50.**

DWARF OR BUSH BEANS

GREEN POD STRINGLESS—This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.20.**

BOUNTIFUL—A favorite throughout the Northwest for its earliness, hardness, and productivity. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality although not quite up to the Green



Pencil Pod Black Wax



Sure Crop Stringless Wax

POLE BEANS

KENTUCKY WONDER WAX. The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 42c, postpaid.**

KENTUCKY WONDER OR OLD HOMESTEAD. The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, tender and of good quality. The old reliable. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid.** **By express or freight, 5 lbs., \$1.30.**



Jackson Wonder

SURE CROP STRINGLESS WAX. A heavy yielding and delicious wax bean. Very bushy with long flat yellow pods. Has been increasingly popular every year since its introduction. Absolutely stringless; very hardy; rust resistant with a very strong plant growth. An excellent main crop wax bean. **Pkt., 5c; ¼-lb., 15c; ½-lb., 23c; 1 lb., 35c, postpaid.** **By express or freight, 5 lbs., \$1.20.**

IMPROVED GOLDEN WAX. This is the very finest selected strain of the Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. The pods are large, fleshy, and entirely stringless. The color is a bright golden. A very early sort, and highly rust resistant. **Pkt., 5c; ¼-lb., 15c; ½-lb., 23c; 1 lb., 35c, postpaid.** **By express or freight, 5 lbs., \$1.20.**



Improved Golden Wax

BUSH LIMAS

JACKSON WONDER. This small seeded, calico colored Lima is the earliest Lima Bean we have ever had in our trials and the most dependable for this section. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c, postpaid.**

FORDHOOK BUSH LIMA. One of the very earliest of all Limas. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. **Pkt., 5c; ¼-lb., 20c; ½-lb., 30c; 1 lb., 55c, postpaid.**

NEW WONDER. This is a standard variety in the Northwest. It is of compact growth and not inclined to runners as are many Bush Limas. The beans are broad, thin and flat. The flavor is delicate and the yield excellent. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 47c, postpaid.**

MANGELS OR STOCK BEETS

A necessity for stock and poultry. Mangels, with their enormous yields, furnish body building material and maintain general good health.

CULTURE—Sow in April and May in a deep, mellow seed bed, well manured in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre.



Mammoth Long Red

GIANT RED ECKENDORF—The Eckendorf Mangel is a phenomenal yielder and is more largely planted in Germany than any other sort. It is easily harvested as the root comes to the largest part above the ground. The roots are smooth, of cylindrical shape, and weigh from 15 to 25 pounds. The flesh is white, firm and of high nutritive value. This is one of the best varieties. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 62c, postpaid. By express or freight, 5 lbs., \$2.25.**

MAMMOTH GOLDEN GIANT—This is a yellow mangel with white flesh, somewhat long with most of the root above ground. It is especially notable as being the hardiest sort, withstanding much more severe weather conditions than any of the others. An excellent keeper and good producer, the roots under good conditions reaching tremendous size. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 62c, postpaid. By express or freight, 5 lbs., \$2.10.**

GIANT HALF SUGAR ROSE—This is an intermediate type between the sugar beet and mangel, combines sugar content to a degree with the size of the mangel, thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 57c, postpaid. By express or freight, 5 lbs., \$2.10.**

MAMMOTH LONG RED—This is the heaviest cropping and the largest of all mangels with frequent yields of 40 tons per acre. It grows well above the ground and is easily harvested. The deep red roots are straight, well formed and solid. The flesh is pinkish white. This variety is particularly adapted to a deep soil. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 57c, postpaid. By express or freight, 5 lbs., \$2.10.**

TAAROJE BARRES—This superior variety is a product of the Danish system of stock certification which has produced so many wonderful improved varieties. POUND FOR POUND these mangels very nearly equal sugar beets in their dry matter content. They grow largely out of ground, are of a short, thick shape and are very easily lifted. This is probably the highest yielding sort under good conditions. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 62c, postpaid. By express or freight, 5 lbs., \$2.25.**

GOLDEN TANKARD—A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 62c, postpaid. By express or freight, 5 lbs., \$2.10.**



Golden Giant

SUGAR BEET

CHAMPION WHITE—A hardy and easily grown white, wedge-shaped sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 57c, postpaid. By express or freight, 5 lbs., \$2.00.**

Ask for our special leaflet on making syrup from sugar beets and sorghum.

BEETS

CULTURE—Sow in drills 15 to 18 inches apart as early as the ground can be worked in the spring. When the plants are large enough to handle, thin to four or five inches apart in the row. One ounce of seed will sow fifty feet of drill; six pounds per acre.

DETROIT DARK RED—The best main crop beet. The roots are smooth, medium sized, and globe shaped. The skin is a dark blood red and the flesh is a solid vermilion red with no zoning. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 87c, postpaid. By express or freight, 5 lbs., \$3.70.**

EARLY WONDER—This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe shaped with very small top and tap root, dark red skin with deep blood red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid. By express or freight, 5 lbs., \$4.20.**

LONG BLOOD RED—Best of the long garden beets; drought resistant, a very good keeper and grows until late in the fall. Excellent for sod planting. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 77c, postpaid.**

WILL'S IMPROVED BLOOD TURNIP BEET—

This is an exceptionally fine strain of Crosby's Egyptian.

The roots are somewhat flattened though globular and the skin a very dark red in color. The flesh is of a



Will's Improved Blood Turnip

slightly lighter shade and lightly zoned. The best first early beet and a good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 82c, postpaid. By express or freight, 5 lbs., \$3.30.**

ECLIPSE—A very early variety with round, bright red roots. The flesh is crimson with pinkish white zones, sweet, crisp and tender. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 77c, postpaid. By express or freight, 5 lbs., \$3.00.**

SWISS CHARD

LUCULLUS—To our mind the best vegetable that can be raised for greens. The outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are very large and picking a mess of Swiss Chard for greens is short work. In addition to its value for rich greens, the broad white stems and mid-ribs may be cooked like asparagus or used for pickles. Swiss Chard gives big returns with little care. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 77c, postpaid.**

This is the 17th year I have ordered seeds from you. I am always well pleased.—Mrs. Edith E. Rethemeier, Emerado, N. D.

CHANGE OF ADDRESS

We shall appreciate notification by our customers of any change in address, as the edition of our year book is limited, and we want it to reach its proper destination.



Detroit Dark Red

WILL'S BEST CARROTS

CULTURE—Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, cover one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.

PRIDE OF DENMARK—The most uniform and most nearly coreless of any carrot we have ever seen. This Danish origination is of heavy Danvers shape and in our nursery planting yielded the most even and best flavored carrots we have ever grown. In raising the seed of this strain, every root is dug, inspected for trueness to type, and either rejected, or transplanted to produce the seed crop. **Pkt., 10c; oz., 25c; ¼-lb., 80c; ½-lb., \$1.55; 1 lb., \$3.00, postpaid.**



Danvers Half Long

¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.40, postpaid.

DANVERS HALF LONG—The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close textured flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid. 5 lbs., by express or freight, \$4.00.**

EARLY HORN—This very early stump rooted variety is fine grained and of agreeable flavor. It is a favorite for early spring planting and table use. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.40, postpaid.**

FRENCH FORCING—The earliest variety, used largely for forcing. The tops are small and the roots almost round and about 2½ inches in diameter, orange-red in color. **Pkt., 5c; oz., 15c; 1 lb., \$1.40, postpaid.**

CHANTENAY CARROT—This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with the market gardeners. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.05, postpaid. 5 lbs., by express or freight, \$4.20.**



Chantenay

IMPROVED LONG ORANGE—An old standard sort, unusually desirable for either field or garden use. A medium early variety and a tremendous yielder, the roots penetrate deeply enough so that the plant will get moisture even in very dry weather, an important feature in the Northwest. The roots run about 12 in. long and 3 in. in diameter, flesh bright orange, smooth, sweet and fine-grained. A very good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid. By express or freight, 5 lbs.; \$4.00.**

GIANT WHITE OR BELGIAN—The stock carrot is one of our best feed crops, it is a remarkably efficient feed for all domestic animals but especially good for horses. This is the heaviest yielding variety. The roots are about 16 inches long, white under ground and green above. They grow about one-third above ground, and are easily lifted. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 75c, postpaid. 5 lbs., by express or freight, \$3.00.**



Long Orange

I bought our seeds from you last year and had splendid success. Raised 40 bu. of carrots from ¼ lb. of seed and would have had more but I sowed them too thick.

I sold \$255.00 worth of garden truck and took first prize at the County Fair with your Pop Corn. Sold 33 bushels of pickling cucumbers from 140 hills, besides putting up 25 gallons and giving away about 6 bushels.

L. L. Elliott, Schafer, N. D.

CARROTS

OXHEART OR GUERANDE—We do not hesitate to call this the most valuable variety in existence. It is intermediate as to length and from 4 to 5 inches in diameter. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. Its roots continue of best flavor throughout the season and, where other varieties have to be dug, are easily pulled. This wonderful sort has yielded as high as 1,200 bushels to the acre. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid. 5 lbs., by express or freight, \$4.00.**



Oxheart

CAULIFLOWER

One of the Most Profitable Crops for Market and Small Gardeners

CULTURE—Cauliflower culture is practically the same as that of cabbage. One ounce of seed will produce about 4,000 plants. Seed is started in cold frame and plants set in field during May or early in June. In spite of the general belief, cauliflower is nearly as easy to raise as cabbage. **Our pedigreed Danish cauliflower seed is the best you can buy anywhere.**

DANISH PERFECTION—This is the **very earliest cauliflower grown**; heads small, round and uniform, quality excellent, keeping quality good. Can be placed on the market early to command the best price and is unexcelled for the home garden. A sure header, the inner leaves curl over, largely doing away with the need of tying up the heads. **Pkt., 10c; oz., \$2.25.**



Danish Perfection

SNOWBALL—The most productive early variety that can be grown, and hence very popular with those who grow for the market. Very uniform with medium sized, pure white heads of fine quality. Of the Early Paris type but very much superior. It has given us exceptional results in our own plantings. **Pkt., 10c; oz., \$2.00.**

DRY WEATHER—This variety will stand more hot dry weather than any other sort. It is two weeks later than our strain of Snowball, of heavier growth, with larger heads. **Pkt., 10c; oz., \$2.25.**

LARGE EARLY ERFURT—This is unquestionably the leading variety for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. **Pkt., 10c; oz., \$1.60, postpaid.**



Snowball

For Cauliflower Plants See Page 73.

CABBAGE

CULTURE—For very early use sow the seed in hotbed or in boxes in the house. The best and hardest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from 2½ to 3½ feet apart for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill, and leaving the strongest plant. One ounce of seed will produce about 4,000 plants.

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

EARLY VARIETIES

GOLDEN ACRE—Earliest of All. This new cabbage is of the Copenhagen Market type but ten days earlier, and is the earliest round-headed cabbage. The plants are small, dwarf, and compact. The medium-sized heads are round as balls, solid, very uniform and sweet. This cabbage is the biggest step since the introduction of Copenhagen Market. **Pkt., 10c; ½-oz., 40c; oz., 65c; ¼-lb., \$2.00, postpaid.**

COPENHAGEN MARKET—This is in our opinion the **heaviest yielding and best quality** cabbage that can be grown. A tremendous yielder of smooth, round, even-sized heads, valuable for either extra early or main crop use, and with wonderful hardiness and vitality. The plant is short-stemmed and compact, leaves medium light green, thick and smooth, heads averaging about 10 pounds. Our strain is absolutely the best obtainable. **Pkt., 5c; oz., 25c; ¼-lb., 75c; ½-lb., \$1.45; 1 lb., \$2.85.**

EARLY EXPRESS—A very early variety forming small oval heads with round thick leaves. It ranks close to Early June in earliness. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.25; 1 lb., \$2.40.**

EARLY JERSEY WAKEFIELD—The most widely known and popular extra early variety. The **conical heads** are solid and the small outer leaves permit of close planting. **Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.30; 1 lb., \$2.50.**



Copenhagen Market



Will's Early June

WILL'S EARLY JUNE—This is the **earliest flat-headed cabbage** in cultivation. The head is solid and shapely, and forms early, making fair-sized heads in from 60 to 70 days from seed. The plant is vigorous, drought resistant, and not subject to disease, which makes it especially desirable for all parts of the Northwest. **Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.35; 1 lb., \$2.60.**

For Cabbage Plants, See Page 73.

Your Will's Early June Cabbage cannot be beat. Last year I sowed the seed with a Planet Jr. drill right in the garden and we had fine cabbage and lots to sell from 10c worth of seed.

Lars S. Rothie, Berg, N. D.

EARLY WINNINGSTADT—An old favorite, its hardiness permits early planting. It is the hardest heading of any of the early cabbages and is the surest cropper under adverse conditions. The heads are broad, pointed, and suffer less from the cabbage worm than most other sorts. **Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.30; 1 lb., \$2.50.**

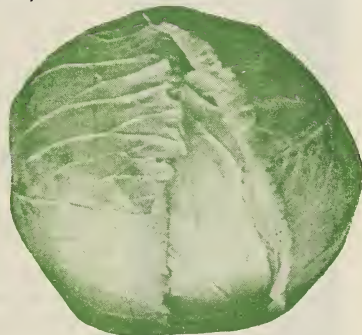
The Winningstadt Cabbage did fine for me last season. Am located near the top of the Black Hills where the altitude is over 6100 feet and summers are cold and dry and cabbage does not do well as a rule.
E. E. Baker, Four Corners, Wyo.

HENDERSON'S EARLY SUMMER—Averaging double the size of Jersey Wakefield, this variety is but ten days later. The heads are somewhat flattened, compact and solid. Is one of the best large, second early sorts. **Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.30; 1 lb., \$2.50.**

GLORY OF ENKHUIZEN—Next to the Copenhagen Market, this is perhaps the most universally popular cabbage with both growers and users. It is later than the former, being intermediate between it and the Premium Flat Dutch. Plant is short-stemmed, heads large, round and very solid, with very few outer leaves. **Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.45.**

LATE CABBAGE

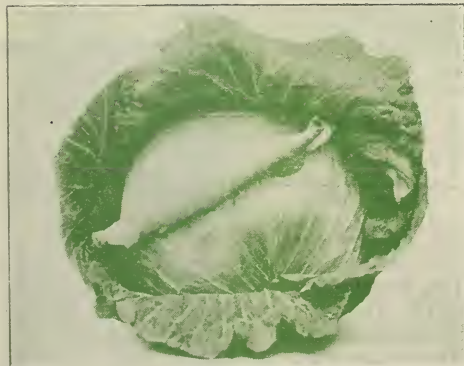
DANISH BALLHEAD—Short Stem or Holland-er.) This variety is one of our specialties. It is one of the hardiest and the heads weigh more for their size than any other sort we have ever tried. The round, pale blue-green heads will average from 8 to 10 inches in diameter, crisp, tender and sweet, unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. A great keeper and to our minds the best late cabbage. **Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.30; 1 lb., \$2.50.**



Danish Ballhead

All garden seeds received from you did fine last year. good sized head and firm, fine for winter.

The Danish Ballhead is a splendid Cabbage with Mrs. W. B. Hall, Isabel, S. D.



Selected Premium Flat Dutch

WILL'S SELECTED PREMIUM FLAT DUTCH—The largest of the standard late varieties, low growing and a sure header. The flattened heads are bluish green, compact, of handsome appearance, and fine quality. D deservedly this is the most popular of the late flat-heading sorts. **Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.45.**

RED DRUMHEAD—The largest and best red cabbage. A sure header, the heads are round, solid, and deep red in color to the center. **Pkt., 5c; oz., 25c; ¼-lb., 75c.**

PERFECTION DRUMHEAD SAVOY—The Savoy's are of better quality than ordinary Cabbage and should be more generally grown. This is the best winter keeper of the Savoy's with round, compact and solid dark green heads with coarsely crimped leaves. **Pkt., 10c; oz., 30c; ¼-lb., 80c; 1 lb., \$3.00.**

Why Bugs Leave Home. Prepare for Cabbage Worms by purchasing Slug Shot or Sure Noxem with your seed. See page 92. Dust as soon as you see white moths hovering over Cabbage.

BORECOLE OR KALE

GREEN CURLED or SCOTCH—This is more hardy than cabbage and makes excellent greens for fall and early spring. A good frost improves the quality. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

BROCCOLI

ST. VALENTINE—Broccoli is practically a late Cauliflower though much hardier and of less delicate flavor. Grown extensively in the Pacific Northwest for shipment to eastern markets when their homegrown crop of Cauliflower is exhausted. **Pkt., 10c; oz., \$2.00.**

BRUSSELS SPROUTS

PARIS MARKET—This is by far the most delicately flavored of the cabbage family. Our strain is of half dwarf growth, bearing handsome, solid, round sprouts of best quality crowded together on the stalks. **Pkt., 5c; oz., 20c; ¼-lb., 70c; 1 lb., \$2.40.**

CHERVIL

CURLED—More handsome and finely curled than parsley and useful in garnishing. Our strain is very early and finely flavored. **Pkt., 5c; oz., 20c; ¼-lb., 60c; 1 lb., \$2.00, postpaid.**

CHINESE CABBAGE

SUREHEAD—(See Back Cover). The Surehead strain of this wonderful salad plant has been developed at the North Dakota Experiment Station by Professor A. F. Yeager. The mild and pleasant flavor of Chinese Cabbage makes it distinctive served as salad or cooked like cabbage, and Surehead withstands heat better and is a surer header under adverse conditions than any other sort we have ever tried. **Pkt., 10c; oz., 40c; ¼-lb., \$1.50.**

CHICORY

LARGE ROOTED or COFFEE—The roots, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early spring use. **Pkt., 5c; oz., 15c; ¼-lb., 50c, postpaid.**

CORN SALAD

LARGE ROUND LEAVED—This is a small, quick-growing salad plant for late fall or early spring. It may also be cooked for greens. **Pkt., 5c; oz., 20c; ¼-lb., 70c, postpaid.**

CRESS

UPLAND—Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. **Pkt., 5c; oz., 20c; ¼-lb., 65c, postpaid.**

ENDIVE

MAMMOTH GREEN CURLED—The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. **Pkt., 5c; oz., 15c; ¼-lb., 45c, postpaid.**

KOHL RABI

EARLY WHITE VIENNA—This best Kohl Rabi for table use is extra early and easily grown. The very light green or nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. **Pkt., 5c; oz., 20c; ¼-lb., 70c.**

LEEK

LARGE LONDON or FLAG—Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. **Pkt., 5c; oz., 20c; ¼-lb., 75c, postpaid.**

GOURDS

NEST EGG—Resembling in color, shape and size the hen's egg. Do not crack, last for years and make the best nest-eggs. Rapid grower and good climber, extremely ornamental and useful in covering screens, etc. **Pkt., 5c; oz., 20c; ¼-lb., 70c, postpaid.**

NEW JAPANESE DISHCLOTH or LUFFA—Ornamental enough for a house vine, and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, making the nicest, cleanest substitutes for dish-cloths and bath sponges imaginable, besides being useful for various articles of fancy work. **Pkt., 5c; oz., 25c; ¼-lb., 70c, postpaid.**



Chinese Cabbage



White Vienna Kohl Rabi

CELERY



Golden Self-Blanching

disease and withstands heat better. Not a winter keeper, it is a beautiful gold in color, brittle and of highest table quality. **Pkt., 15c; oz., \$1.50; ¼-lb., \$5.50.**

GOLDEN SELF-BLANCHING CELERY—This is one of the best sorts to plant for the market. It is not quite so early as White Plume but the plants are heavier and of more compact growth. Like White Plume, too, it is self-blanching, but the color is a richer golden yellow. Nearly stringless, the stalks are thick, crisp and brittle, while for flavor this sort is unsurpassed. **Pkt., 10c; oz., 30c; ¼-lb., \$1.10; ½-lb., \$2.10; 1 lb., \$4.00, postpaid.**

WHITE PLUME—One of the earliest varieties and most easily blanched. While not a very good keeper, it is one of the best sorts for fall and early winter. It grows rapidly and blanches readily during the summer. In fact the inner part of the stalk really needs no blanching at all, though the outer leaves are made more tender by it. **Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.30; 1 lb., \$2.50, postpaid.**

CELERIAC OR TURNIP-ROOTED CELERY—This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. **Pkt., 5c; oz., 20c; ¼-lb., 50c.**

Prices on the following standard varieties: Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.15; 1 lb., \$2.25, postpaid.

GIANT PASCAL—A compact, vigorous sort, a good keeper and one of the best varieties for fall and winter.

NEW ROSE—The best of the red or pink traced varieties.

WINTER QUEEN—A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties.

For Celery Plants See Page 73.

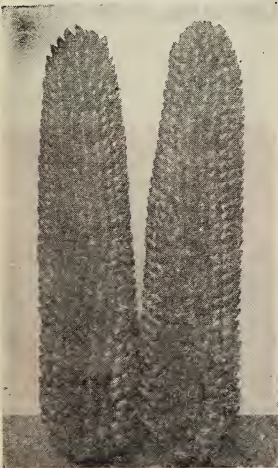
POP CORN

IRIQUOIS—This is a variety of the rice type, obtained from the Iriquois Indians of New York several years ago. It has proved much earlier than the ordinary White Rice and a good yielder as well. Our crop this year, due to drouth, is nearly a complete failure. **Pkt., 10c.**

GOLDEN TOM THUMB—This is the very earliest variety of Pop Corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but the quality is excellent and it never fails. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 32c, postpaid. By express or freight, 5 lbs., 80c.**

WHITE RICE—Pearly white, rice shaped kernels. We furnish only northern grown seed of the earliest type. No other will mature in the Northwest. **Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.25.**

JAPANESE HULLESS—Of wonderful quality for popping, this variety sells at a premium over other sorts and is the only kind to plant if you raise pop corn to sell. The ordinary strains are too late for this section, but our own early strain has ripened here for the past eight years. **Pkt., 5c; ¼-lb., 15c; ½-lb., 23c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.15.**



Iriquois Pop Corn

Our Specialty **SWEET CORN** Our Specialty

CULTURE—Plant in drills about three feet apart one kernel every six inches, or in hills $2\frac{1}{2}$ feet apart in the row, and the rows 3 to $3\frac{1}{2}$ feet apart, dropping four or five kernels in a hill. Corn of any sort should not be planted until the ground has become warm, as cold, wet ground is sure to rot the seed before it can germinate. One-fourth pound to 100 hills; 10 pounds per acre. One pound of sweet corn is a little more than a pint.

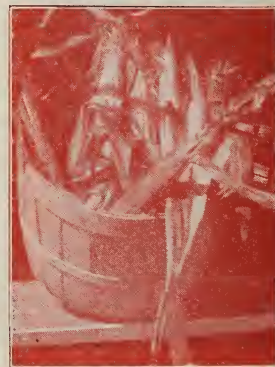


Will's Early June

Your Early June sweet corn purchased from you in the spring of 1925 was a sensation. Earliness and flavor far exceeded all my expectations.—H. R. Robedeau, Toledo, Ohio.

Will's Early June corn is the only sweet corn I have ever gotten to mature enough for eating purposes at this altitude of 6243 feet, and twice in planting that variety we had great amounts of it in very bad, wet, cold years.—J. E. Harman, Deerfield, S. D.

SUNSHINE—A golden cross developed by Professor A. F. Yeager of the North Dakota Experiment Station, with twelve rowed ears, seven to eight inches long. In our trials ten days earlier than the earliest strain of Golden Bantam and much larger, this is the closest to the Bantam in quality of any of the golden crosses we have tried. **Pkt., 10c; $\frac{1}{4}$ -lb., 25c; $\frac{1}{2}$ -lb., 45c; 1 lb., 75c, postpaid. By express or freight, 5 lbs., \$2.75; 10 lbs., \$5.00.**



Sunshine

· VARIETIES LISTED IN ORDER OF EARLINESS

EARLY PICKANINNY—A new introduction from the Canadian Experiment Station, and we believe it to be **the earliest sweet corn in existence**; a week earlier than our Early June, though the ears are smaller and the color—black—not as desirable for market. **A wonderful home garden sort. Pkt., 10c; $\frac{1}{4}$ -lb., 20c; $\frac{1}{2}$ -lb., 35c; 1 lb., 55c, postpaid. By express or freight, 5 lbs., \$1.50.**

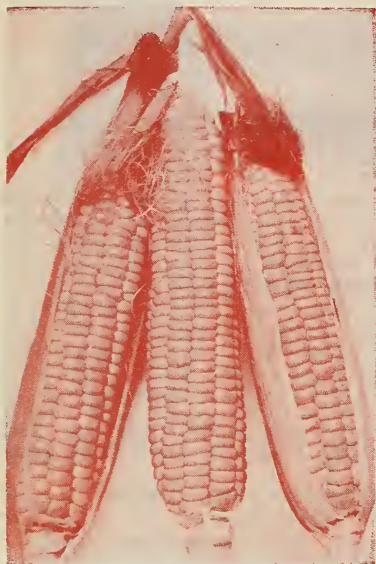
YELLOW ASSINIBOINE—This corn, the earliest in the world with the exception of Pickaninny, which is much smaller, is an eight-rowed flour corn bred by us from the Assiniboine squaw corn of Canada. The flour corns are nearly equal to sweet corn in flavor so that with the long, handsome ears and extreme earliness this is a very valuable variety. **Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 22c; 1 lb., 32c, postpaid. By express or freight, 5 lbs., 90c; 10 lbs., \$1.75; 50 lbs., \$7.75; 100 lbs., \$15.00.**

WILL'S EARLY JUNE—(Registered U. S. Patent Office.) **The Earliest White Sweet Corn**—A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious sweet corn. The white, eight-rowed ears are from $4\frac{1}{2}$ to 6 inches long. **Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 22c; 1 lb., 32c, postpaid. By express or freight, 5 lbs., 75c; 10 lbs., \$1.40; 50 lbs., \$6.50; 100 lbs., \$12.00.**

See Page 3 for Our Sweet Corn Collection.

SWEET CORN

IMPROVED EARLY DAKOTA—This northern grown selection of Mammoth White Cory comes in after Nuetta.



Golden Bantam

Combining size with earliness, it is the largest of the extra early sorts and one of the best. The white ears are 10 to 12 rowed, 7 to 8 inches long, borne two to a stalk. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., 90c; 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.50.**



Improved Early Dakota

GOLDEN BANTAM

The finest sweet corn in cultivation and the most popular. It is the sweetest and tenderest, a heavy producer, and the ears remain edible for an unusually long time. Our Burleigh County grown seed is as good as the best. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 32c, postpaid. By express or freight, 5 lbs., 85c; 10 lbs., \$1.60; 50 lbs., \$7.50; 100 lbs., \$14.50.**

WILL'S BANANA CREAM—This medium late variety follows Golden Bantam and was first introduced by us in 1897. It is an unusually delicious table corn with large well filled ears, which remain fit for table use longer than those of any other variety we have ever tested. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 32c,**

STOWELL'S EVERGREEN—This old reliable, late, tall growing sort is perhaps the great standard main crop. The ears are large, usually 16 rowed, with very sweet deep white kernels. Beside its table uses the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., 80c; 10 lbs., \$1.75; 50 lbs., \$7.75; 100 lbs., \$15.00.**



Stowell's Evergreen

I sent to you for the Pioneer Indian Collection and have corn ready to eat now.
July 3rd.

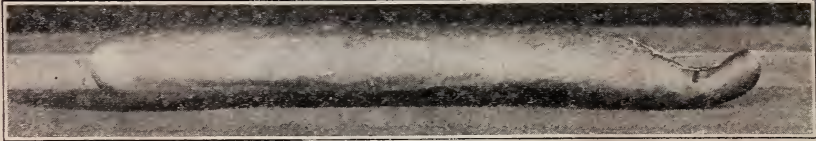
M. L. Sherman, Chatsworth, Ill.

We certainly enjoyed the sweet corn last year and think the Nuetta is a wonder for this climate.

Chas. F. Schlenker, Bend, Ore.

WILL'S CUCUMBERS

CULTURE—As soon as the weather becomes warm and settled in the spring, plant in well-prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill; cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest. Thorough but shallow cultivation is essential. One ounce of seed will plant about eighty hills.



20½ inches of Longfellow

LONGFELLOW—This new variety from China is of finer quality than any other Cucumber we have ever tried. The early ripening fruits commonly reach 20 inches in length and average but 2 inches in diameter. The skin is dark green and smooth. The flesh is firm, white, crisp, and unexcelled for slicing. **Pkt., 10c; oz., 55c; ¼-lb., \$1.75, postpaid.**



Improved Long Green

DAVIS PERFECT—A grand variety. Dark, glossy green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.**

IMPROVED LONG GREEN—This old favorite variety is unequalled among the later sorts. The rich dark green fruits average 12 inches long with crisp white flesh. The standard of table quality and unexcelled for pickles when small. Our stock is superior. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**

EARLIEST OF ALL—This is by all odds the very earliest cucumber of quality in cultivation, and has only been introduced for the past five years. At least a week earlier than the Early Fortune, though not as fine a fruit or good a keeper. Especially valuable to those who desire to be first on the market. **Pkt., 5c; oz., 12c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.**

CHICAGO PICKLING—The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. **Pkt., 5c; oz., 12c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.**

EARLY CLUSTER—A pickling type often setting fruit in clusters of 2 or 3. **Pkt., 5c; oz., 12c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20.**



Earliest of All



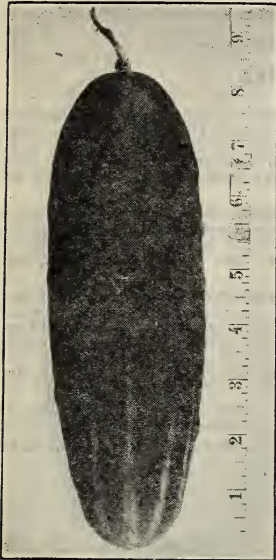
Chicago Pickling

ARLINGTON WHITE SPINE—One of the earliest and most productive of the famous White Spine group. Fruit about seven inches long, rounded at both ends, and of bright, deep green color. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. **Pkt., 5c; oz., 12c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.**



Arlington White Spine

CUCUMBERS



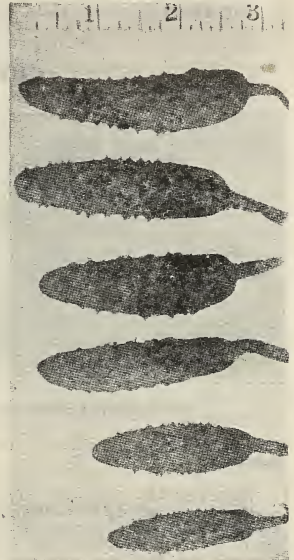
Early Fortune

EARLY FORTUNE—Each year serves to demonstrate further the superiority of this superb variety. Extra early, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which proves its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. In trials with all other American varieties it has stood out as supreme. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 65c; 1 lb., \$1.25, postpaid.**

JAPANESE CLIMBING —

This variety is a producer of unusually long and well shaped fruits. It is especially adapted to growing on a trellis owing to its strong vines and tendrils. This method insures better shaped fruits, reduces disease, and is particularly necessary in moist climates where well shaped fruits cannot otherwise be grown. **Pkt., 5c; oz., 20c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.90, postpaid.**

CUCUMBERS



Early Fortune
Pickling Size

WHITE WONDER—A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white in color, of good keeping quality and average about eight inches in length and two and one-half inches through. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**

WEST INDIA GHERKIN—An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.15; 1 lb., \$2.25, postpaid.**

EGG PLANT

CULTURE—Sow the seed (which is slow to germinate) in hot bed or in pots or boxes in the house early in the spring. When all danger of frost is past, transplant in the open ground 2½ to 3 feet apart each way.

Care must be taken not to allow the plants to be checked in growth. Watering may be necessary in extremely dry years but this delicious vegetable will repay any trouble taken and should be in every garden.

EXTRA EARLY DWARF—This is the very earliest egg plant grown, ripening nearly two weeks before any of the late sorts. The fruit is perhaps even more delicious than the larger sorts, and it is altogether an exceedingly satisfactory sort for our section. **Pkt., 10c; oz., 50c; ¼-lb., \$1.75, postpaid.**

BLACK BEAUTY—This is the very earliest of the large type egg plant and is an excellent variety as well for several other reasons. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. **Pkt., 10c; oz., 50c; ¼-lb., \$1.75, postpaid.**



Extra Early Dwarf

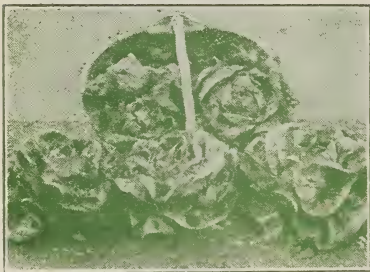
For Egg Plant Plants, See Page 78.

I can't get along without your seed corn and cucumbers. I have the earliest corn and cucumbers in the neighborhood, thanks to your seed—Hugh McMillan, Hamilton, N. Dak.

PIONEER BRAND LETTUCE

CULTURE—For very early use the seed may be sown in hotbed, and, as soon as the weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession. One ounce for 200 feet of drill.

CURLED OR LOOSE HEAD VARIETIES



Early Curled Simpson

shading to a light green inside, crisp and fine flavored. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.40, postpaid.**

PRIZEHEAD—This old favorite is undoubtedly the most easily grown variety in cultivation and excellent for the home garden. It is early, compact in growth, and stands heat. The leaves are much crumpled and frilled, bright green, tinged with brownish red, very crisp and tender. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 90c; 1 lb., \$1.50, postpaid.**

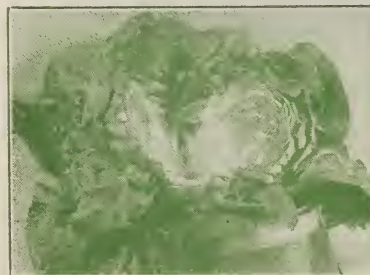
HEADING VARIETIES

MIGNONETTE—The earliest heading sort we have ever tried, fit for use this summer 6 days before May King. The heads are small, very compact, well blanched, and of finest quality. The outer leaves are medium dark brown with a dark greenish tinge. This is not a market gardener's variety, but the extreme earliness that enables it to form solid heads before the heat of summer is with us, and its high quality make this one of the very best sorts for the home garden. **Pkt., 10c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.40, postpaid.**

MAY KING—An extremely early, compact heading variety. The leaves are a light yellowish green, just tinged with brown. Inner leaves blanch a golden yellow. The quality is fine and it is perhaps the best head lettuce for this section. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., 95c; 1 lb., \$1.60, postpaid.**

EARLY BLACK SEEDED TENNISBALL—SALAMANDER—One of the most reliable, sure heading sorts. The heads are large, solid and of fine quality. The outside leaves are a clear dull green, broad and crumpled. The State Agricultural College reports that this variety was the only one in their trials that headed during the summer of 1921. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1 lb., \$1.45, postpaid.**

CRISP-AS-ICE—HARTFORD BRONZE HEAD—The compact heads are of medium size, dark green overlaid with bronze in color, and of excellent quality. In our trials this summer this sort seemed to withstand the drought better than any other. **Slow to go to seed. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.40, postpaid.**



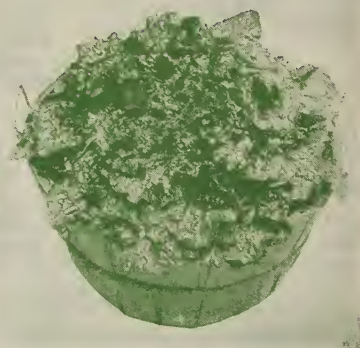
Black Seeded Tennisball

EARLY CURLED SIMPSON—An old favorite and perhaps our best leaf lettuce for outdoor planting. The green leaves are broad, much crinkled, crisp and tender. Very early, it keeps in prime condition and does not run to seed as quickly as many of the early sorts. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.40, postpaid.**

GRAND RAPIDS FORCING—The favorite loose leaved forcing lettuce, and fine for early planting outside in this section. The leaves are light green, blistered and crumpled, with heavily fringed borders. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., 95c; 1 lb., \$1.60, postpaid.**

DETROIT MARKET GARDENER—This variety is well adapted for outdoor growing or for forcing in the greenhouse and hotbed. Its best quality is perhaps its ability to stand high temperatures which makes it an ideal variety for second sowings in the home garden. The plant is compact, light green in color, with crisp, tender leaves. **Pkt., 10c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.25, postpaid.**

TOMHANNOCK—An early erect variety. The leaves are very large, much blistered and crumpled, deep bright brown



Prizehead

during the summer of 1921. **Pkt., 5c; oz., 15c;**

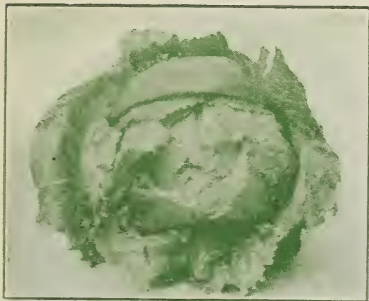
ICEBERG—A large, crisp, cabbage-heading variety of good quality. The heads are firm and well blanched. The outer leaves are crumpled and blistered, in color a medium green with a faint brown tinge on the border. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.80, postpaid.**

BROWN DUTCH—A hardy variety with medium sized, good quality heads, the outer leaves of which are dark green overlaid with bronze red. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.40, postpaid.**

NEW YORK OR WONDERFUL—A large variety of fine quality, largely planted by commercial growers of head lettuce, especially in Colorado and California. The heads are very solid, of finest quality, with outer leaves a rich dark green. It withstands heat and is one of the best heading sorts for the home garden. This variety is known in some localities as Los Angeles. **Pkt., 10c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.40; 1 lb., \$2.50, postpaid.**

BIG BOSTON—Early, large, bright green heads, lightly tinged with brown on the outer leaves, hardy and vigorous. One of the most popular and widely grown varieties. The plants are large, hardy and vigorous. The outer leaves are broad, relatively smooth, and crisp; in color a light green tinged with brown. The heart blanches a greenish white tinged with yellow. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., 95c; 1 lb., \$1.60, postpaid.**

IMPROVED HANSON—One of the most reliable, sure heading sorts. The heads are large; the leaves clear green, blistered and crumpled with frilled borders. For planting outdoors this is one of the very best sorts, as it withstands heat and drouth and is a slow seeder. We recommend this variety. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., 95c; 1 lb., \$1.60, postpaid.**



Improved Hanson

PARIS WHITE COS—This is a distinct type of lettuce with a conical, rather tight head, dark green in color with smooth, thick leaves. Blanches to a beautiful white inside when it becomes exceedingly crisp and sweet. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.45, postpaid.**

Last order of seeds purchased from you gave perfect satisfaction—far superior to seed purchased elsewhere. I have bought from about ten dealers, but Will's were perfect—Geo. W. Meyers, Augusta, Ga., P. O. Box 255.

PEPPER

CULTURE—Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, and, when all danger of frost is past, transplant in the open ground in rows 2½ feet apart, setting the plants about 18 inches apart in the row.

HARRIS' EARLY GIANT—The Largest Early Pepper Grown. This is the first very large sweet pepper that will produce good crops in the northern part of this country. The plants are vigorous and the fruits average 5 inches long by 3½ inches through, dark green turning to brilliant red. This is a very worth while introduction. **Pkt., 15c; ½-oz., 80c; oz., \$1.75.**

HARRIS' EARLIEST—The Earliest Pepper. Earlier and more productive than Neapolitan, the plants are dwarf and compact with fruits averaging 3½ inches long by 2½ inches through. The flesh is thick and mild. The only sure variety in unfavorable seasons. **Pkt., 10c; oz., 65c.**

NEAPOLITAN—Previous to the introduction of Harris' Earliest, generally regarded as the best pepper for the Northwest and two weeks earlier than any other sort. The fruit is four inches long and two inches thick, a bright red when ripe. It is one of the sweetest and mildest varieties and excellent for use when green. We counted 24 and 25 fruits ripening at once on several individual plants this past season. **Pkt., 10c; oz., 55c.**

TOMATO-SQUASH or SUNNYBROOK—The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. This variety is medium early and excellent for stuffing and salads. **Pkt., 10c; oz., 55c.**

RUBY KING—One of the most dependable and satisfactory varieties for both home and market gardens. **Pkt., 10c; oz., 50c.**

CHINESE GIANT—One of the largest of the mild red varieties Quite late. **Pkt., 10c; oz., 65c.**

RED CAYENNE—Long, red, strong and pungent. **Pkt., 10c; oz., 50c.**



Harris' Earliest

For Hardy PEPPER PLANTS See Page 73.

OKRA

DWARF GREEN—A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. **Pkt., 5c; oz., 10c; ¼-lb., 25c, postpaid.**

MUSKMELON

CULTURE—When the ground has become warm, plant in hills, four or five feet apart each way, 6 to 12 seeds in a hill. When danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible. **Only our early, hardy melons are worth planting in the Northwest.** One ounce of seed to fifty hills; 2 or 3 pounds per acre.

EXTRA EARLY OSAGE—This is the **earliest salmon fleshed variety** and one of the very best sorts grown. The oval fruit is dark green, slightly ribbed and grey netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick with small seed cavity. A grand sort for Northwestern conditions; ideal for the home garden and a money maker for the market gardener. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.**



Extra Early Osage

EXTRA EARLY KNIGHT—(Sweet Air). The earliest muskmelon of quality we have ever had on trial. It is medium in size, oblong in shape, distinctly ribbed and well netted. The flesh is fairly thick and **very sweet**, a medium green in color blending to a light pink near the center. We consider this one of the very best varieties for the Northwest and our strain is superior. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**



Extra Early Knight

LAKE CHAMPLAIN or GOLDEN CHAMPLAIN—One of the very earliest melons, medium sized, round, heavily netted, moderately ribbed, with **thick orange colored flesh** of the finest quality, a robust grower and heavy yielder. Not a shipping melon, but a good home garden sort and a money maker for the market gardener. **Pkt., 10c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.15; 1 lb., \$2.25, postpaid.**

EMERALD GEM—An extremely early sort. The fruit is a rich emerald green. It is globular in shape and irregularly ribbed. The flesh is very thick, **salmon colored, sweet and luscious.** The vines are hardy and very prolific. One of the best melons for home garden and local market. **Pkt., 5c; oz., 12c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**



Emerald Gem

MILLER'S CREAM—One of the best flavored varieties in cultivation and a favorite main crop sort for market gardeners and home use. The fruits are medium sized, oval, dark green, slightly ribbed and grey netted. The orange flesh is very thick. This variety **holds its rich flavor** much longer than most other sorts. **Pkt., 5c; oz., 12c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**

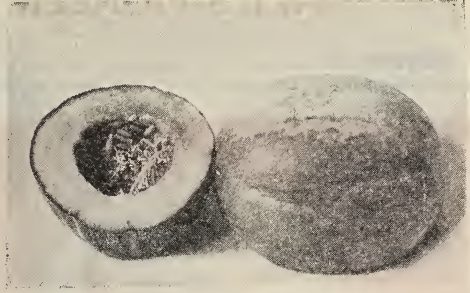
VINE PEACH—(Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. **Pkt., 5c; oz., 20c; ¼-lb., 50c, postpaid.**

GARDEN LEMON—The fruit is smaller than the Vine Peach, which it resembles in growth, but has thinner flesh and more acid flavor. It is a novelty of value. **Pkt., 5c; oz., 20c; ¼-lb., 50c, postpaid.**

MUSKMELON

PAGE'S EARLY—The Earliest of **ALL** Muskmelons. Although it is a number of years since our first introduction, Page's Early is still by far the earliest of all. By careful selection during the past six years the quality and flavor is much improved. **Pkt., 10c; oz., 20c; ¼-lb., 75c, postpaid.**

Report of Supt., Morden Experiment Station, Morden, Manitoba, for 1924: "Cold frame treatment produced only a few ripe muskmelons and these of only one variety, Page's Early."



Page's Early

GOLD LINED ROCKYFORD—(Eden Gem.) A round uniform sized, heavily netted muskmelon of finest quality, an excellent shipping sort and largely grown by market gardeners. The flesh is green, tinted yellow at the center. **Pkt., 5c; oz., 12c; ¼-lb., 40c; ½-lb., 65c; 1 lb., \$1.20, postpaid.**

GREELEY WONDER—This is the earliest variety bearing large melons in our trials. The fruit is lightly netted, heavily ribbed, with very thick orange-salmon flesh of the finest quality. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1 lb., \$1.50, postpaid.**



Greeley Wonder

EXTRA EARLY HACKENSACK—It is a large sized, deep ribbed, round melon, with thick green flesh of delicious flavor. It is the best of the large varieties. **Pkt., 5c; oz., 12c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.35, postpaid.**

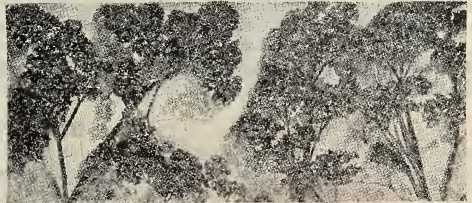
PARSLEY

CULTURE—Soak the seeds a few hours in lukewarm water and sow early in spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks.

CHAMPION MOSS CURLED—Leaves beautifully curled and moss-like, of the richest green. **Pkt., 5c; oz., 10c; ¼-lb., 25c; 1 lb., 80c, postpaid.**

TURNIP ROOTED—The roots, instead of the tops are used for soups and flavoring meats; gives richer flavor. If cut into small pieces, is a delicious vegetable. **Pkt., 5c; oz., 10c; ¼-lb., 35c, postpaid.**

NEW XXX PARSLEY—The wonderful dark green color and the exquisite fern-like appearance are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. **Pkt., 5c; oz., 10c; ¼-lb., 30c, postpaid.**



Moss Curled Parsley

RHUBARB OR PIE PLANT SEED

MONARCH—Ours is the most vigorous and productive variety known. The leaf stalks are very numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. **Pkt., 5c; oz., 15c; ¼-lb., 45c; 1 lb., \$1.50.**

MONARCH RHUBARB ROOTS—Plant our strong roots and save two years over seed. **Per dozen, \$1.25, postpaid. By express or freight, \$1.00.**

WILL'S PIONEER BRAND ONIONS

CULTURE—Sow as early in the spring as ground can be worked, in drills 15 inches apart, covering one inch deep. One ounce for 300 feet of drill; 4 to 5 pounds per acre.



White Portugal or Silverskin

scullions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh. Onions of this sort have been kept a year in good condition. **Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.00; 1 lb., \$1.75, postpaid. By express or freight, 5 lbs., \$7.50.**

LARGE RED WETHERSFIELD—One of the oldest and best known strains, a **sure** and **heavy** yielder. It is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and strong flavored. It is the favorite for poor or dry soils. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.15; 1 lb., \$2.15, postpaid. By express or freight, 5 lbs., \$9.90.**

EXTRA EARLY RED FLAT—The earliest large Red Onion. A deep purplish red in color, quite flat, firm and of excellent quality. A desirable variety for short seasons or poor soil. **Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.05; 1 lb., \$1.90, postpaid. By express or freight, 5 lbs., \$8.00.**



Southport Red Globe

WHITE PORTUGAL or SILVERSKIN—The **All Round** Onion. A medium sized, flat, hard and fine grained onion of mild flavor and clear white skin. It is the best keeper of the white onions and fine for fall and early winter use. A favorite for pickles and bunching green onions when young and more extensively grown for sets than any other white variety. Our seed is Montana grown, of especially high germination and purity. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.20; 1 lb., \$2.25, postpaid. By express or freight, 5 lbs., \$10.50.**

AUSTRALIAN BROWN—This variety is extremely early and a wonderful keeper. There are no



Red Wethersfield

SOUTHPORT RED GLOBE—The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick glossy purplish-red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.25; 1 lb., \$2.40, postpaid. By express or freight, 5 lbs., \$11.75.**

YELLOW GLOBE DANVERS—This is a **standard** variety for **winter** use in all markets. Its skin is a rich orange yellow color. The flesh is pure white, crisp and mild in flavor. It is always a heavy yielder and because of its small neck cures well and makes splendid storage stock. **Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.10; 1 lb., \$2.10, postpaid. By freight or express, 5 lbs., \$9.75.**

NEW QUEEN—This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. **Pkt., 10c; oz., 30c; ¼-lb., \$1.00; ½-lb., \$1.75; 1 lb., \$3.25, postpaid.**

ONION SEED

WILL'S DA-KOTA GLOBE-

We believe this to be the finest and best selected strain of Southport Yellow Globe, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck and an exceptionally good keeper. The flesh is white, crisp and mild.



Will's Dakota Globe Onion

THE MONEY MAKING ONION

An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest.

Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.10; 1 lb., \$2.10, postpaid. By express or freight, 5 lbs., \$9.75.

With my order last year I ordered some of Will's Dakota Globe Onion seed. I raised the finest onions I ever saw grown in Montana—Mrs. M. J. Wallace, Box 104, Square Butte, Mont.

YELLOW PRIZETAKER—One of the **largest** onions grown and the **mildest**. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 2 pounds. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.15; 1 lb., \$2.15, postpaid. By express or freight, 5 lbs., \$9.90.**



Ailsa Craig

AILSA CRAIG—This largest of the English sorts has gained in popularity every year since its introduction into this country. The type is globular, with fine thin neck, and deep straw-colored skin. The flesh is very white, always tender and very mild. This is one of the largest and best of onions. **Pkt., 5c; oz., 25c; ¼-lb., 70c; ½-lb., \$1.30; 1 lb., \$2.50, postpaid. By express or freight, 5 lbs., \$12.25.**

SOUTHPORT WHITE GLOBE—This pure white, thin-skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. **Pkt., 10c; oz., 35c; ¼-lb., \$1.25; ½-lb., \$2.25; 1 lb., \$4.25, postpaid. By express or freight, 5 lbs., \$19.75.**

WELSH WINTER—(Perennial.) Plant this variety to get the earliest green onions. Seed may be sown either in fall or spring. The plants are perennial and live in the ground for years. Absolutely hardy. This is a money maker for the market gardener. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.75, postpaid.**

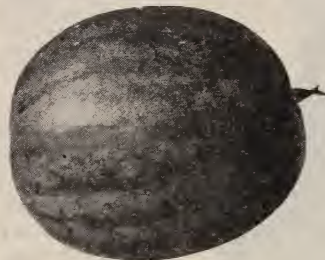
CHIVES—Schnittlauch—Grass Onion—The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. **Pkt., 10c; oz., 50c.**

See Page 35 for Onion Sets and Plants.

SELECTED WATERMELONS

CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. **One ounce of seed for 30 hills. 2 or 3 pounds per acre.**

COLE'S EARLY—One of the earliest and best. It is very hardy, vigorous, and a sure cropper. The melons are of medium size, green with lighter stripes. The **delicious quality** of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties ever offered. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 90c, postpaid.**



Cole's Early

PHINNEY'S EARLY—The very earliest large, oval melon. The melons are oblong in shape, while the rind is so mottled with various shades of green as to present an almost scaly appearance. It is a very early sort, hardy and bears abundantly. The flesh is **pink and tender**. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.**

PEERLESS OR ICE CREAM—Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.**



Kleckley Sweets

KLECKLEY SWEETS—MONTE CRISTO—This melon is fairly **large, oblong** and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest watermelons in cultivation. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.**



Colorado Preserving Melon

COLORADO PRESERVING MELON—This is quite distinct from the old-fashioned citron as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

CITRON—A round, handsome fruit of small size, with white solid flesh; it is **used in making sweetmeats** and preserves. Ours is the old standard strain. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

WINTER WATERMELON—With white rind, clear bright red flesh, and black seeds. Good at maturity with ordinary melons. If stored in a cool dry place **will keep until Christmas**. **Pkt., 10c; oz., 15c; ¼-lb., 40c; ½-lb., 65c; 1 lb., \$1.10, postpaid.**

Am sending you my order because we had good success last year with your seeds. We won 32 prizes at the Prairie County Fair. Miss Blanche Golden, age 12 years. Terry, Mont.

Your seed is the best I have ever used. In it I have found higher percentage of germination and a sturdier plant is the result with less blank spaces in my garden. Edwin Sundberg, R. No. 1, Wales, N. D.

SELECTED WATERMELONS

WILL'S SUGAR WATERMELON

This pioneer variety, which we introduced in 1892 still remains the favorite for the Northwest. It is the second earliest melon grown, and combines with that very necessary quality hardness and heavy production. In sweetness it is surpassed by no melon grown, and the bright red flesh and small black seeds make a very pleasing contrast. We have never been able to grow enough of the seed to supply all demands. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 95c; 1 lb., \$1.80, postpaid.**



Field View of Will's Sugar Watermelon

Some years ago we got a packet of Will's Sugar watermelon and grew them till a few years ago when they got mixed with other melons. We wish to get pure seed once more as they were the sweetest watermelons I ever tasted—Mrs. F. A. Mitchell, Iowa Falls, Iowa.

ONION SETS

Unless otherwise instructed, we shall hold onion set orders till danger of freezing is past. Bottom Onion Sets are the product of seed planted closely to prevent full development. We raise and store our own. A bushel is 32 lbs. unless otherwise stated.

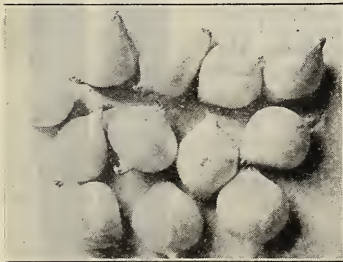
YELLOW AND RED BOTTOM SETS—Fine, well cured North Dakota grown sets, either sort. **Pt., 20c; qt., 32c; ½-peck, 90c; postpaid. By express or freight, peck, \$1.30; ½ bu., \$2.50; bu., \$4.50.**

WHITE BOTTOM SETS—Preferred by some because of the color. **Pt., 25c; qt., 37c; ½-pk., \$1.00, postpaid. By express or freight, pk., \$1.75; ½-bu., \$3.00; bu., \$5.50.**

TOP OR WINTER ONION SETS—Perennial. Live in the ground all winter and start very early in the spring. 28 lbs. to the bushel. **Pt., 30c; qt., 52c; postpaid. By express or freight, pk., (7 lbs.) \$1.75; bu., \$6.00.**

MULTIPLIER ONIONS—Also called Bunch Onions or Potato Onions. Excellent for early spring onions. **Pt., 30c; qt., 50c, postpaid. By express or freight, pk., \$1.75; bu., \$6.00.**

GARLIC—Bavarian. **Lb., 42c, postpaid; 5 lbs., \$1.75.**



White Bottom Onion Sets

BERMUDA ONION PLANTS—Seed is planted early in Texas, and plants lifted to produce onions of Bermuda quality in northern gardens. Planted like onion sets and easy to grow. We can ship from April first on. **Per 100, 25c; 500, \$1.20; 1,000, \$2.15, postpaid. Crate of 6,000 plants by express, \$10.00.**

I certainly like your seeds and have found them excellent in this climate, far better than seed from any other out of state seedsman that I have ordered from—H. F. Chute, Route No. 3, Augusta, Me.

WILL'S CHOICEST GARDEN PEAS

CULTURE—Sow early in the spring in rows 18 to 24 inches apart. The peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under.

Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.



First of All

most delicious flavor. It is the market gardener's favorite. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 37c, postpaid.** By express or freight, 5 lbs., \$1.10; 10 lbs., \$2.00; 20 lbs., \$3.95.



ALL PEAS AND BEANS REQUIRE AN INOCULANT GARDEN SIZE, PRICE 25c, POSTPAID See Page 67.

EARLY DWARF OR BUSH VARIETIES

LITTLE MARVEL—The earliest pea of the wrinkled seeded sorts we have ever tried and an extra fine dwarf variety; probably the **most satisfactory pea for the average home garden.** The vines are 15 inches high, heavy, with dark green pods usually set in pairs. The pods are filled with from 7 to 8 very dark green peas of high quality. **Pkt., 5c; ¼-lb., 15c; ½-lb., 27c; 1 lb., 42c, postpaid.** By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.50; 20 lbs., \$4.50.

PIONEER—An improved type of Laxtonian. This fine early dwarf variety bears an immense crop of very large pods containing 8 to 9 rich green peas. This is one of the finest sorts for the home or market garden. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 42c, postpaid.** By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.40; 20 lbs., \$4.40.

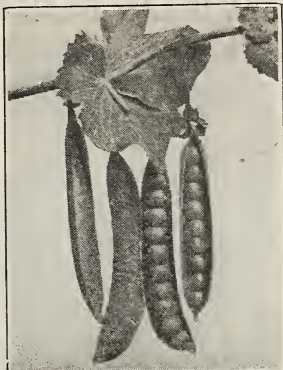
McLEAN'S LITTLE GEM—An early dwarf pea of delicious flavor; excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from 2½ to 3 inches long. The peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 37c, postpaid.** By express or freight, 5 lbs., \$1.10; 10 lbs., \$1.95; 20 lbs., \$3.85.



McLean's Little Gem

I have used your garden seed for 18 years and find it the best I can get.—Mrs. Hardin D. Bailey, Denbigh, N. D. R.F.D. 1.

NOTT'S EXCELSIOR—The old standard extra early dwarf pea. The vines are about 15 inches high and very productive. The pods are light green, and average 3 inches long, containing from 5 to 7 peas of good size and excellent quality. This is a very desirable variety for the home garden. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 42c, postpaid.** By express or freight, 5 lbs., \$1.25; 10 lbs., \$2.25; 20 lbs., \$4.20.



Nott's Excelsior

PETER PAN—The best of the large-podded dwarf extra early peas. The vines are from 15 to 18 inches high and are wonderfully productive of large pods from 4 to 4½ inches long, which contain from 9 to 10 bluish-green peas of the highest quality. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 42c, postpaid.** By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.40; 20 lbs., \$4.40.

EDIBLE PODDED VARIETY



Peter Pan

DWARF WHITE SUGAR—Height 2 feet. The pods are light green, 3 inches long, pointed and narrow; quite early. The pods are picked when the peas are forming, and broken and cooked like string beans. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c, postpaid.** By express or freight, 5 lbs., \$1.25; 10 lbs., \$2.25.

MAIN CROP VARIETIES

SUTTON'S PERFECTION—One of the best and the most productive of the main crop peas. The vines are 2½ feet high, very sturdy and strong. The pods are 4½ inches long, broad, straight, pointed, and medium light green, containing 8 to 9 very large, sweet, bright green peas. All that its name implies, both for the market gardener and the home garden. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid.** By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.10; 20 lbs., \$4.10.

BLISS EVERBEARING—If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of 2½ feet and as many as 100 pods have been counted on a single vine. The peas are large and sweet and packed tightly in the pods. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 37c, postpaid.** By express or freight, 5 lbs., \$1.15; 10 lbs., \$2.10; 20 lbs., \$4.00.

PRIZEWINNER—A fine main crop pea with very heavy and sturdy dark green foliage. Height about 2½ feet. The dark green pods average 4½ inches long, very broad, straight and pointed, containing 9 large dark green peas of excellent quality. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid.** By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.10; 20 lbs., \$4.10.

CHAMPION OF ENGLAND—Although the whole race of wrinkled peas has come from this old variety no selection has surpassed it in quality or sweetness. The vines grow about four feet high and yield very large pods of most delicious flavor. Our strain has been carefully selected and will be found superior. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 37c, postpaid.** By express or freight, 5 lbs., \$1.15; 10 lbs., \$2.10; 20 lbs., \$4.00.



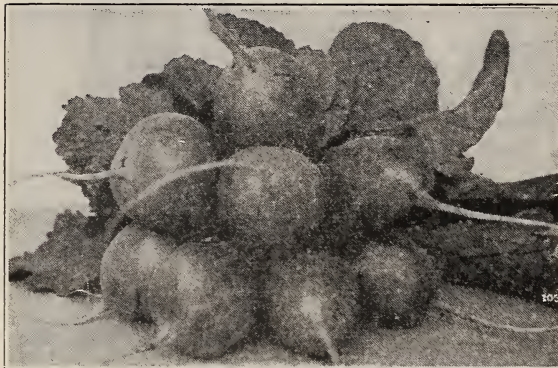
Bliss Everbearing

Increase Your Yield of Peas by Inoculating with Nitragin.
See Page 67.

WILL'S NORTHERN GROWN RADISH SEED

CULTURE—For early use the seed may be sown in hotbed. For open ground culture, sow in the spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession.

WILL'S EARLY CARMINE—Our old reliable extra early sort which has so long been the favorite throughout the Northwest. **A bright carmine in color**, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**



Will's Early Carmine

SAXA—The earliest, smallest topped radish, and one of the slowest to go to seed. The round, bright scarlet roots are ready for the table 20 days after planting the seed. We have a fine stock of this variety and the demand has increased annually since we first listed Saxa in 1918. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**



Model Box

Your Saxa Radish is wonderful; also your Will's Watermelon and Pickaninny Sweet Corn.

R. S. Myer, Parkers Prairie, Minn.



Saxa

MODEL BOX—White radishes are invariably better keepers and last longer in the field than other sorts.

Model Box is a **white, turnip-shaped radish**, the very earliest white variety and is ready for use in 30 days. Pure white, crisp and mild. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.05, postpaid.**



Fireball

FIREBALL—Non Plus Ultra. An early round radish of bright scarlet color and pure white flesh, crisp, tender, and of the very best flavor. It has few and short leaves, which permits close growing. Very desirable for the home garden and a money maker for the market gardener. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.05, postpaid.**

WILL'S NORTHERN GROWN RADISH SEED

SPARKLER—Improved Scarlet Turnip White Tipped. This extra early strain is perhaps the most attractive radish we have. The color is a rich carmine scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

LONG SCARLET SHORT TOP—The roots of this old reliable variety are smooth, slender, and uniform, about six inches long, a bright carmine red in color, and of excellent quality. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.**

GLASS or CINCINNATI MARKET—A long, slender, bright red radish with white tip. The flesh is white, almost transparent, brittle and crisp, and remains fit for use through a long period. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

FRENCH BREAKFAST—A half-long, very crisp and quick-growing radish. In color it is a bright rose scarlet with blunt white tip. It is very early, a great favorite on the market and unexcelled for the home garden. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.**



French Breakfast

MIXED RADISH SEED—This is a mixture of a number of sorts which we are offering at a very attractive price. This is a very satisfactory way to plant radishes, as the early ones when taken out thin the rows for the later sorts. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.**



Black Spanish Winter

and blunt at both ends. The skin is a bright, deep rose color and the flesh white and very crisp. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.05, postpaid.**



Sparkler

ICICLE—The finest of the early, pure white varieties. Their long, slender form and pure white skin make the roots very attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor summer planting. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.**

WHITE STRASBURG—One of the best large, white later summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**



icicle

BLACK SPANISH WINTER—One of the latest as well as the hardiest of radishes. The skin is black and the flesh white, solid, crisp and pungent. Keeps well all winter. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.05, postpaid.**

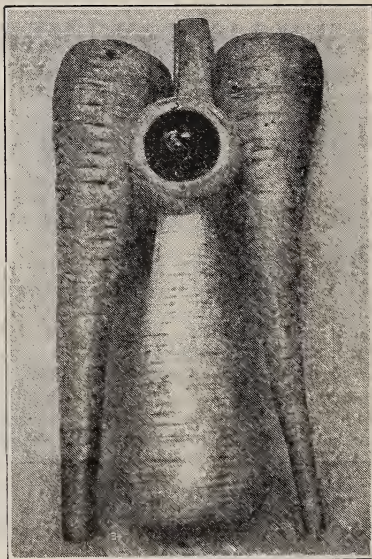
CHINA ROSE WINTER—One of the very best winter radishes. The roots are cylindrical

PARSNIPS

CULTURE—Sow as early in the spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as the plants are large enough to handle. A freeze improves the quality. **One ounce for 200 feet of drill; 4 to 5 pounds per acre.**

IMPROVED GUERNSEY—This is the thicker, heavier type of parsnip. Fine grained and sweet flesh. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.**

LONG SMOOTH or HOLLOW CROWN—A great cropper, tender, sugary and considered one of the best for general cultivation. Roots average 15 inches long by 3 inches in diameter. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.**



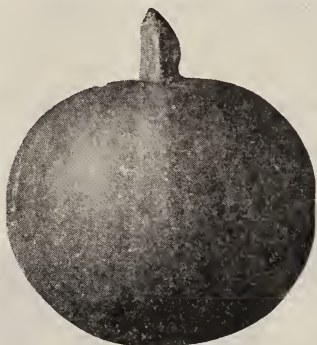
Improved Guernsey Parsnip

PUMPKINS FOR THE NORTHWEST

CULTURE—Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. **One ounce to 30 hills; 3 to 4 pounds per acre.**

OMAHA—A very early oblong, orange sort, but little later than the Fort Berthold and much thicker meated. This is a selection over a period of years from seed obtained through Dr. Melvin Gilmore from the Omaha Indians.

We quote the North Dakota State Horticultural Society's news letter for September, 1924, thus: "the Omaha pumpkin which is real pie size has proven far earlier than the widely grown Sugar pie on the experimental grounds at the A. C." **Pkt., 10c; oz., 25c; ¼-lb., 80c, postpaid.**



Sweet Sugar

SWEET SUGAR or NEW ENGLAND PIE—This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small round pumpkin, dark orange in color, with thick, dry, fine-grained flesh. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.**

the squash seed obtained from the Mandan and Arikara Indians has resulted in this wonderfully early pumpkin of unusual hardness. The fruits are small, round, flat-topped on the ends, and of first quality. They are either orange or cream in color with orange predominating. **Pkt., 5c; oz., 20c; ¼-lb., 60c, postpaid.**

FORT BERTHOLD—Selection for some years from



Fort Berthold

QUAKER PIE—A medium sized, creamy white sort; early, hardy, productive and a good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.**

CONNECTICUT FIELD—A solid, oblong, orange pumpkin more planted with corn than any other variety and a heavy yielder. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.**

GOLDEN OBLONG—A very hardy and productive sort with thick, light golden flesh of highest quality and a good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.**

KING OF MAMMOTHS—The giant among pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 90c; 1 lb., \$1.70, postpaid.**

We can find no seeds that grow like yours. Your seeds were surely dandies this year, better than ever.
John K. Matheson, Orth, Minn.

SPINACH

CULTURE—Sow in early spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks apart for succession. One ounce for 100 ft. of drill.



Bloomsdale Spinach

LONG STANDING—A late maturing sort which is not inclined to run to seed. The plant is very large with broad, arrow-shaped, nearly smooth leaves. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 30c; 1 lb., 55c, postpaid.**

NEW ZEALAND—This variety thrives in any soil, rich or poor, and **stands hot weather.** As the leaves are picked off, new shoots are produced and yield a continuous supply of greens. Plant 3 or 4 seeds to a hill; hills 2 feet apart each way, about May 15th. Soak seed in warm water for 24 hours before planting. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

BLOOMSDALE or, SAVOY LEAVED—(Norfolk Savoy.) This is the **earliest** and **hardest** variety. The plant is of upright growth and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop and keeps well after cutting. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 30c; 1 lb., 50c, postpaid.**

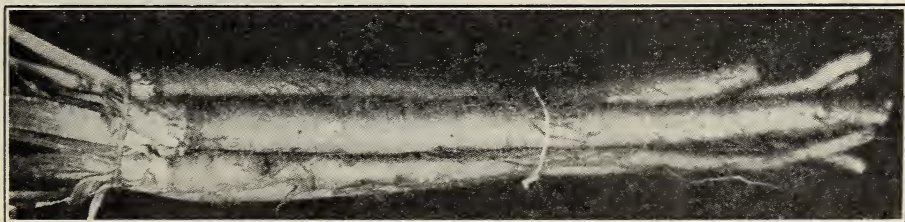
KING OF DENMARK—Antvorskov. The **best long season** spinach, two weeks slower in shooting to seed than any other variety we have ever tested. The plants are early, vigorous, and productive, bushy in habit. The rounded leaves are crumpled, blistered and a deep green in color. This is a sort the Northwest has been looking for. **Pkt. 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 75c, postpaid.**



New Zealand

SALSIFY OR OYSTER PLANT

CULTURE—Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill.



Sandwich Island Salsify

SANDWICH ISLAND SALSIFY—This is an improved type of Salsify and the best sort. The roots are double the size of the old Long Smooth variety, less likely to branch, and are of equally good quality and delicate flavor. **Pkt., 5c; oz., 25c; ¼-lb., 90c; ½-lb., \$1.60; 1 lb., \$3.00, postpaid.**

TOBACCO

COMSTOCK SPANISH—This grand Wisconsin variety is absolutely the best for the Northwest. The plant is very hardy and the leaf large and perfect. Easily raised if started indoors about the same time as tomatoes. **Pkt., 10c; oz., 60c, postpaid.**

WILL'S SQUASHES

Early and Hardy Varieties for the Northwest.

CULTURE—One ounce to 25 hills, summer, and one ounce to ten hills, winter. Plant the hills in the same manner and the same time as melons and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart.

WINTER SQUASH

GILMORE—A cross between the Winnebago and Arikara combining the flavor and quality of the former with the earliness, hardiness, and productivity of the Arikara. The skin is salmon colored tinged with blue-green. Its elongated shape follows the Winnebago parent. After several years this selection is now quite true to type and we believe it to be a worth while introduction. **Pkt., 10c; oz., 25c; ¼-lb., 70c; ½-lb., \$1.25; 1-lb., \$2.00, postpaid.**



Gilmore

IMPROVED HUBBARD—The market than any other variety. The shell is a dark bronze green; flesh is bright yellow, fine-grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.**

standard winter squash, more extensively grown for The fruits are large, heavy and moderately warted. The flesh is bright yellow, fine-grained, dry and sweet. Its quality is a superior strain as the result of careful selection over a long period of years. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.**



Improved Hubbard

RED OR GOLDEN HUBBARD—This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong and a bright orange red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.**

WINNEBAGO—When we introduced this variety three years ago we called it the **finest baking and general cooking squash** we had ever tried. It still is. The original seed came from the Winnebago Indians through Dr. M. R. Gilmore. The squash is elongated, a greenish black in color and a good keeper. The bright orange flesh is thick, very dry and sweet, and less stringy than any other squash we have ever sampled. **Pkt., 10c.**

WINNEBAGO—When we introduced this variety three years ago we called it the **finest baking and general cooking squash** we had ever tried. It still is. The original seed came from the Winnebago Indians through Dr. M. R. Gilmore. The squash is elongated, a greenish black in color and a good keeper. The bright orange flesh is thick, very dry and sweet, and less stringy than any other squash we have ever sampled. **Pkt., 10c.**

TABLE QUEEN or DES MOINES—A small, very productive variety of many desirable qualities. Its size is particularly desirable as 1 squash makes a meal for a hungry person. The thin shell is ribbed and very dark green in color. The rich golden flesh is very thick and the seed cavity small. A good keeper. The quality is excellent. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1 lb., \$1.60, postpaid.**



27 Lbs. of Winnebago



Table Queen

MAMMOTH CHILI—Squashes of this great variety commonly weigh 75 pounds and have been grown as large as upwards of 150 pounds. The skin is a rich orange-yellow. The yellow flesh is very thick and highly nutritious. It is of the highest value as a stock food. An acre will yield from 8 to 15 tons, thus furnishing a cheap and nutritious feed. It is grown for exhibition purposes and carries off many prizes. **Pkt., 5c; oz., 20c; ¼-lb., 50c; ½-lb., 90c; 1 lb., \$1.70, postpaid.**

To keep squash, store in a warm, dry place.

SUMMER SQUASH

ITALIAN MARROW-COCOZELLE—The most delicate and finest flavored summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter dark green in color, with the yellow and green stripings. Used when 10 inches long and perfectly green. **Pkt., 10c; oz., 15c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.80, postpaid.**



White Bush Scalloped

MAMMOTH WHITE BUSH—Cymling or Patty Pan. A very early summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.**

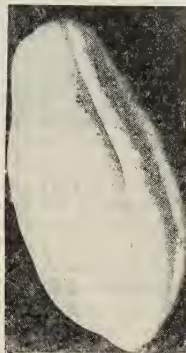
GIANT SUMMER CROOKNECK—A new variety early as common Crookneck and much larger, sometimes attaining a length of two feet. It is heavily warted and of bright golden color. The plants are bushy and very prolific. The squashes are brittle and tender and command the highest price on the market. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

GOLDEN CUSTARD—Mammoth Yellow Bush. This variety is very early and prolific, and the fruits are frequently from 12 to 14 inches in diameter. The skin is a rich golden-orange and the flesh is a creamy yellow. It is a selection of real merit. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.00, postpaid.**

GENERAL PURPOSE SQUASH

EARLY MANDAN SQUASH—The Very Earliest Squash in the World. This wonderful little squash, obtained by us from the Mandan Indians, will ripen almost anywhere, notably in the Montana mountains where squashes had never been grown before. It is very hardy and drouth resistant and withal of fair quality. Fine if used green as a summer squash and good fried or boiled. Excellent sweet pickles may be made from this sort and it is a good keeper. By constant selection we have gradually improved the quality of this variety and its trueness of type. **Pkt., 10c; oz., 30c, postpaid.**

FORDHOOK—A desirable variety for both summer and winter use. The type is small and oblong, averaging nine inches in length, slightly ridged. The skin is smooth, thin and yellow. The seed cavity is very small and the unusually thick straw-colored flesh is extremely dry and sweet. The squashes will keep to June in a dry room, yet in a green state they rival the best summer varieties. Our strain is early, hardy and reliable. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.**



Fordhook

I have had great success with all things bought from your Company.—Mrs. Nels Swenson, Cando, N. D.

HERBS

- ANISE**—Used in garnishing and flavoring. The seeds are aromatic. **Pkt., 5c; oz., 15c.**
BASIL—(Sweet.) Leaves used for flavoring soups and stews. **Pkt., 5c; oz., 25c.**
CARAWAY—Grown for seeds which are used in flavoring. **Pkt., 5c; oz., 15c.**
CATNIP—Leaves used for seasoning. Plant this and make your cat happy. **Pkt., 10c.**
CORIANDER—The seeds are used in making candy. **Pkt., 5c; oz., 20c.**
DILL—The seeds are used for pickling cucumbers. **Pkt., 5c; oz., 10c; ¼-lb., 30c.**
FENNEL—The leaves boiled are used in sauces. **Pkt., 5c.**
HOREHOUND—Used for seasoning and as a cough remedy. **Pkt., 5c.**
HYSSOP—Very aromatic plant with blue flowers. Used in soup. **Pkt., 10c.**
LAVENDER—Its flowers are used in perfumery. **Pkt., 10c.**
MUSTARD—(Large White Seeded.) Seed used in flavoring pickles. **Pkt., 5c; oz., 10c.**
ROSEMARY—Aromatic leaves used for seasoning. **Pkt., 10c.**
SAFFRON—Used in coloring certain dishes and also for flavoring. **Pkt., 10c.**
SAGE—The most extensively used herb for seasoning and stuffing. **Pkt., 10c; oz., 40c.**
SUMMER SAVORY—Leaves and flowers used to flavor soups and dressings. **Pkt., 5c; oz., 20c.**
SWEEP MARJORAM—Leaves and ends of shoots used for seasoning, both green and dried. **Pkt., 5c; oz., 20c.**
THYME—A tea made of leaves is a remedy for headache. **Pkt., 10c.**
WORMWOOD—Beneficial for poultry; should be planted in poultry yards. **Pkt., 10c.**

WILL'S EARLY TOMATOES

CULTURE—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way.



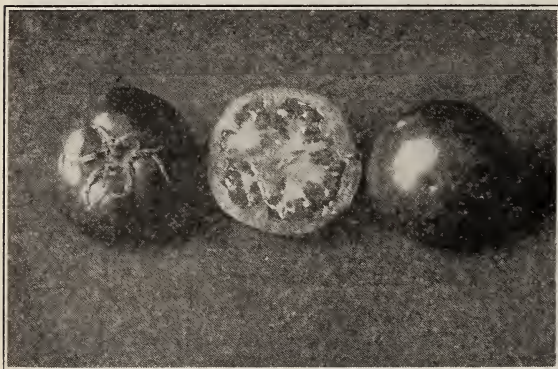
Millet's Dakota

EARLIANA—Selected Early Strain. One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, **very smooth and solid**, and produced in clusters in the center of the plant. The color is a bright scarlet. You simply cannot beat our strain of this grand old sort. **Pkt., 5c; oz., 45c; ¼-lb., \$1.30, postpaid.**

BONNY BEST—Very nearly as early as Millet's and Earliana, the bright deep scarlet fruits ripen more evenly than do those of any other early scarlet variety and are of superior solidity and interior color. A good yielder and most attractive in shape and color. This sort is coming rapidly to the front both for the home and market garden. **Pkt., 10c; oz., 40c; ¼-lb., \$1.25, postpaid.**



Selected Earliana



Red Head

ACME—An old favorite, hardy, early and productive; fruit of good size, round and smooth; color purplish pink. **Pkt., 5c; oz., 20c; ¼-lb., 65c, postpaid.**

STONE—This is the **standard main crop sort** for truckers and canners. Plants very vigorous and productive, fruit round, smooth, solid and deep red. **Pkt., 5c; oz., 20c; ¼-lb., 65c, postpaid.**

MILLET'S DAKOTA—The **hardest, most drought resistant early Tomato**. Under the harsh, dry conditions of the past summer, Millet's Dakota **out-yielded all other varieties at Bismarck**. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strains of Earliana. The fruit is of medium size, smooth uniform shape, and of rich deep scarlet color. It is of high quality although not as meaty as the Red River. Under fairly favorable conditions we believe the Red River will out-yield Millet's Dakota, but under the harsh conditions we will back Millet's Dakota against all comers. **Pkt. 10c; oz., 50c; ¼-lb., \$1.75, postpaid.**

RED HEAD—This new variety is one of the very best second early sorts. As early as Chalk's Jewel it is nearly as large as Stone. Very productive, the fruits are nearly globe-shaped and very solid. **Pkt., 10c; oz., 60c; ¼-lb., \$2.25, postpaid.**

CHALK'S EARLY JEWEL—Perhaps the best second early scarlet fruited variety for the Northwest. Extensively used for canning and on account of its large size, excellent quality and productiveness a most satisfactory sort for the home garden. **Pkt., 5c; oz., 40c; ¼-lb., \$1.25, postpaid.**

For TOMATO PLANTS See Page 73

HARDY TOMATOES

RED RIVER—(See Back Cover.)

As early as the earliest and the **most solid, meaty early** sort we have ever had in trial. At the Canadian Experiment Station at Morden, Manitoba, it **outyielded all other sorts in 1925**. It has been produced from Carter's Sunrise, a small, very meaty, greenhouse variety, and one of the North Dakota Experiment Station's selections of Earliana, by Professor A. F. Yeager of the North Dakota Agricultural College. Red River is one of the earliest sorts and bears slightly flattened, smooth fruits, of medium size, bright scarletcolor, solid meat and splendid flavor. **Pkt., 15c; oz., 65c; ¼-lb., \$2.20; 1 lb., \$8.25, postpaid.**



Red River

GOLDEN QUEEN—“Queen of all the Yellows.” It is very prolific, ripens early, and is solid, always smooth, entirely free from ridges, large in size and delicious in flavor. It is fine for slicing. **Pkt., 10c; oz., 50c, postpaid.**



Yellow Plum

YELLOW PLUM—A beautiful sort, much resembling a plum in size and shape; widely used for preserving. **Pkt., 10c; oz., 45c, postpaid.**

RED CHERRY—The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. **Pkt., 10c; oz., 50c, postpaid.**

PINK PEACH. This excellent sort **resembles a peach** in size and shape. The surface of the fruit covered with a down much like its namesake. It makes delicious preserves and pickles. Size about the same as most early sorts and excellent to eat fresh. **Pkt., 10c; oz., 45c, postpaid.**

YELLOW PEAR—This variety is used entirely for pickling and preserves. It is delicate in flesh and flavor. **Pkt., 10c; oz., 40c, postpaid.**

STRAWBERRY, GROUND CHERRY or HUSK TOMATO—This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The yellow fruits are half an inch in diameter and enclosed in a husk. **Pkt., 10c; oz., 50c, postpaid.**

For Tomato Plants, See Page 73.



Strawberry or Ground Cherry

We have used your garden seeds for several seasons and find them to be splendid for this country.

A. L. Throne, Savageton, Wyo.

WILL'S BEST RUTABAGAS

CULTURE—Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart, and frequent cultivation will increase the yield. One ounce to 250 feet of drill, 1½ pounds per acre if drilled, and 2½ pounds if broadcast.

WILL'S IMPROVED AMERICAN PURPLE TOP—Yellow. The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 70c, postpaid. By express or freight, 5 lbs., \$2.25.**



Will's Improved Rutabaga

PAJBJERG BANGHOLM—We first introduced this wonderful variety from Denmark some eleven years ago. The roots are purple-topped with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest rutabaga in cultivation, a very heavy yielder and a splendid keeper. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 75c; postpaid. By express or freight, 5 lbs., \$2.50.**

WHITE SWEET RUSSIAN—One of the sweetest and best of the white rutabagas. The roots are very large, globe-shaped, and white with a greenish shade at the top. The flesh is white, firm and sweet and keeps remarkably well. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid. By express or freight, 5 lbs., \$2.75.**

WILL'S BEST TURNIPS

CULTURE—Sow seed early in the spring for the summer crop and about the middle of July for late crop. May be sown in drills or broadcast. One ounce will sow 150 feet of row, 1 to 2 pounds to the acre.

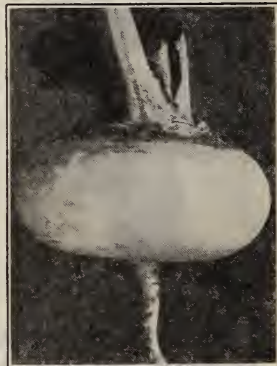
PURPLE TOP STRAP-LEAF—The most widely cultivated and best-known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 75c, postpaid.**

EXTRA EARLY WHITE MILAN—The earliest turnip, can be used spring or fall. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet, of splendid quality. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

EARLY WHITE FLAT DUTCH—A very early flat turnip of medium size and clear white skin. The flesh is very white, fine-grained and sweet. One of the most popular sorts for home or market. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid.**

PURPLETOP WHITE GLOBE—A good-sized, globe shaped variety of fine appearance, a good producer and a fine keeper.

The flesh is firm, fine-grained, tender and sweet. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid.**



White Flat Dutch

EXTRA EARLY PURPLE TOP MILAN—Nearly as early as White Milan. The roots are medium sized, white with purple top. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

WHITE EGG—A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 80c, postpaid.**

YELLOW ABERDEEN—A long keeping, globe shaped, medium sized, yellow sort, tender and sweet fleshed. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**



White Egg

NORTH DAKOTA GROWN SEED POTATOES

**All Potato Prices Subject to Market Changes. Write for Prices on Large Lots.
We Do Not Ship Potatoes Until Danger of Frost is Over.**

North Dakota potatoes are recognized the nation over as the most vigorous, the cleanest and the best for seed that can be secured. Our seed is selected as far as possible for freedom from disease and is carefully sorted so that only the very best is sent out.



POTATO EYES

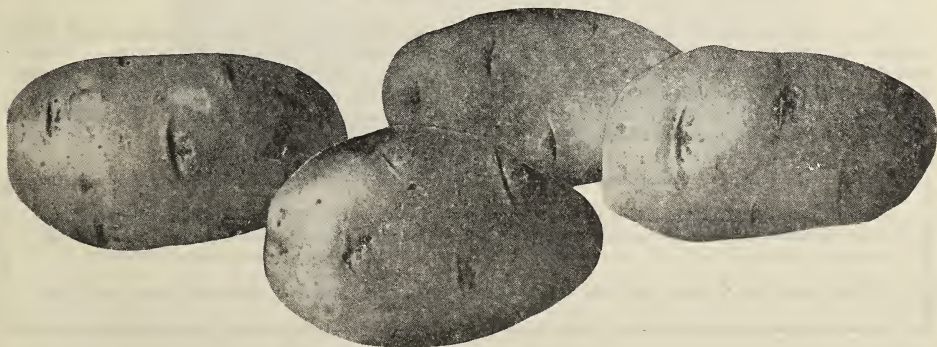
(By Mail or Express)

Plant 8,000 to 12,000 to the acre.

Unless the season is very dry these eyes, properly cut with a deep wedge of flesh as we cut them, will produce very nearly as good results as the whole potatoes. For those who live at a considerable distance, in view of the present transportation rates, and for those who are far from express or freight offices, potatoes in this form for planting are invaluable. We do not forward until danger from frost is past unless especially directed to ship on a given date.

EARLY TRIUMPH POTATO EYES—Per 100, 75c, postpaid. By express, 1000, \$6.00.
EARLY OHIO POTATO EYES—Per 100, 60c, postpaid. By express, 1000, \$4.50.
IRISH COBBLER POTATO EYES—Per 100, 60c, postpaid. By express, 1000, \$4.50.
RURAL NEW YORKER POTATO EYES—Per 100, 60c, postpaid. By express, 1000, \$4.50.

NORTH DAKOTA SELECTED EXTRA EARLY OHIO SEED POTATOES



The Early Ohio is the standard seed potato of the country and North Dakota grown seed is recognized as best of all. Our stock is of the best selected strain, of good shape, clean and vigorous, and is all North Dakota grown. The Early Ohio is a heavy yielder, uniform in size and unexcelled in eating quality and is probably more grown than any other single variety of potato. **Pk., \$1.00; ½-bu., \$2.00; bu., \$3.50; 5 bu., at \$3.25.**

See Page 92 for Insecticides and Fungicides for Potatoes.

EARLY TRIUMPH SEED POTATOES

The Most Popular Extra Early Sort

The Early Triumph is a roundish, red potato, somewhat earlier than the Early Ohio and a very good yielder on good soil with fair moisture conditions. It is a great favorite at the present time, and many carloads of seed from our state are shipped south where they are used to produce the early crop for the large markets. **Pk., \$1.50; ½ bu., \$2.50; 1 bu., \$4.00.**

SELECTED IRISH COBBLER SEED POTATOES



The Irish Cobbler is without doubt the best early white potato. It requires good, well watered soil, in which location it will outyield any other variety for our section. It is somewhat later than the Early Ohio, but much earlier than the Rurals. The skin is creamy white, the flesh mealy and of excellent cooking quality. If free from disease the Cobbler is an excellent keeper. Shape is nearly round, and eyes are few, very uniform in size and shape. **By express or freight, pk., \$1.00; ½-bu., \$2.00; 1 bu., \$3.00; 5 bu., at \$2.90.**

SELECTED RURAL NEW YORKER SEED POTATOES

The Best Main Crop Sort

As a main crop potato we are offering this year the Rural New Yorker, a medium late white potato, which has, to a marked extent, all of the good points of the later white sorts. It is of round, slightly flattened type, even in size and a very heavy yielder. The tubers have but very few and shallow eyes which adds to its smoothness and eating qualities, and the flavor is excellent. It is just late enough for our climate, being considerably earlier than the Burbank. **By express or freight, pk., \$1.00; ½-bu., \$2.00; bu., \$3.00; 5 bu., at \$2.90.**

Please send the best you have as I am exhibiting the potatoes which I grow from your seed at all the fairs. Received 1st Premium at Douglas State Fair and took Blue Ribbon at County Fairs. They can't be beat for cooking.

John Beaver, Buffalo, Wyo.

The potatoes I had from you last year were the best I ever had. Mrs. F. L. Hutchius, Sioux City, Iowa.

BOOKS FOR BEEKEEPERS

The Honeybee, by Langstroth & Dadant—\$2.50, Postpaid. First Lessons in Beekeeping, by Dadant—\$1.00, Postpaid. A Thousand Answers to Beekeeping Questions, by Miller—\$1.25, Postpaid. American Bee Journal, per year, \$1.50.

PIONEER BRAND SEED CORN FROM THE MISSOURI VALLEY IN NORTH DAKOTA

Prices of Seed Corn include sacks, are F. O. B. here and subject to prior sale and change without notice.



Again calling your attention to our cover picture—Lewis and Clark and their men lived through their first winter here on the Missouri Slope in North Dakota because they were able to obtain hundreds of bushels of corn from the Mandan Indians. The picture at the head of this paragraph shows the tools that those Indians used then and had used for hundreds of years, together with some of various products of their agriculture.

We have had one of the driest seasons in our memory this past year and even corn failed to produce a crop in some cases, though usually traceable to wrong methods of culture or wrong varieties of corn. The Mandans met with many dry seasons and they learned to farm as if every year might be a dry year. Through the many years they developed by natural and studied selection, corn to withstand drought and cold and to mature under all severe conditions the crop which stood between them and starvation.

And from those hardy strains we have been for forty-five years breeding, selecting and hybridizing to produce ever more suitable and valuable varieties of corn for the Northwest. You who have observed fields of GEHU, DAKOTA, BURLEIGH CO. MIXED, FALCONER and the other hybrids during the past year need not to be told how much better they withstood harsh conditions than did the pure dents from the south and east.

You know too how corn stood tall and green for weeks after small grains had turned brown and shrivelled away. Must we not then agree with our Indian predecessors that corn of hardy blood is our surest crop in the Northwest?



The picture just above shows one of the old villages of earth covered log houses, from 40 to 90 feet across, in which the Mandans, Arikara and Hidatsa Indians used to live along the Missouri River in North Dakota while they cultivated their corn in nearby fields.

Seed corn is our specialty—our stock is all grown from seed of our own selection. We hand sort all seed corn and both before and after shelling and testing store it in warm, dry buildings. No better grade of seed corn can be produced anywhere. Remember that we have bred and introduced practically all of the best varieties of corn for the Northwest. You will find them described in the following pages.

Every lot of corn is tested by us after being shelled and before shipment. In a favorable year we aim to keep our test above 90 per cent; in a year when seed is scarce, above 80 per cent. Mistakes will occur in the warehouse sometimes, and feed corn or the wrong sorts may be accidentally shipped out. Always notify us at once of any mistake or cause for dissatisfaction and wait to hear from us before disposing of the goods. We are always glad to make things right. **Order Early—Yields were light and our supply of the best is limited.**

TEST ALL SEED CORN

CARUGUSS SEED TESTER—An inexpensive, scientifically constructed seed tester suitable for testing all sorts of seed grains, and especially seed corn. No farm home should be without one of these handy testers. **Price, post-paid, \$1.00.**

WILL'S GENUINE DAKOTA WHITE FLINT CORN
The Earliest, Most Drought Resistant, Highest Yielding of the Early Flints



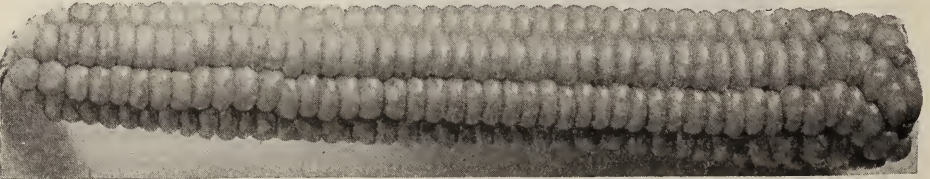
Dakota Flint in our Drying Cribs

Dakota White Flint, the first corn developed by Oscar H. Will in the eighties has stood the test of years and is a standard for earliness and hardness. It is a pure, pearly white flint with long slender ears which shell out the maximum amount of grain. A great many ears are borne to the hill which accounts for the exceptional yields, there being many reports of fifty and sixty bushels to the acre for small fields and forty to fifty bushels per acre in fields of forty, fifty or more acres.

Dakota White Flint matures corn with an unusually small moisture requirement and is the most frost resistant, and hail resistant of any known variety.

Stalks are leafy and bushy in appearance, ears grow low on the stalk which attains a height of from four to six feet in a fair to good year, being somewhat shorter in dry seasons. A wonderful variety for feeding in the fields as there are no coarse stalks, and every bit of stalks as well as grain is consumed with gusto by stock.

Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. **1 lb., 30c, postpaid; 10 lbs.,**



I wish to tell you of my success with the Dakota White Flint corn from seed bought of you sever a years ago but raised in Montana since. At the different corn shows including all Northern Montana I won two sweepstakes, seven firsts, two seconds, one third and one fourth prize on ten ears and one hundred ears.—Clark R. Long, Carter, Mont.

WILL'S GEHU 70 DAY YELLOW FLINT

GEHU—The best known of our native early flints, might well be called the **universal corn**. We have shipped it to every continent and have had fine reports from it in Scandinavia, Northern Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its **feeding qualities are the highest** of any variety of corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drouth, frost and hail resistant to a wonderful extent in addition to its great earliness. In good

soil and under favorable conditions it may be cut with a corn binder. **Lb., postpaid, 35c. By express or freight, 10 lbs., \$1.60; ½-bu., \$4.50; bu., \$8.00; 100 lbs., \$14.25.**

You can't go wrong on the Gehu corn. The earliest and best yielder I have ever sowed. Grown at an altitude of about 5000 feet or just a few feet below timber line. John S. Hurst, Carey, Ida.

I have tried Gehu before and it does fine here.

Mrs. J. A. Evans, Gig Harbor, Wash., Route 1.

The Gehu Seed Corn we purchased from you last year was the best and only corn we have had in our garden since being in Montana.

W. E. Kolock, Menard, Mont.

To your seed firm belongs the credit of introducing corn as a grain crop in the American and Canadian Northwests. Your varieties Gehu, Dakota White Flint, and Northwestern Dent are our standard varieties. Your Falconer in 1925 yielded 80 bushels of shelled corn per acre at the Morden Experiment Station. Gordon McLaren, Pipestone, Manitoba. Sec. S. W. Manitoba Corn Growers' Association.

BURLEIGH COUNTY MIXED CORN

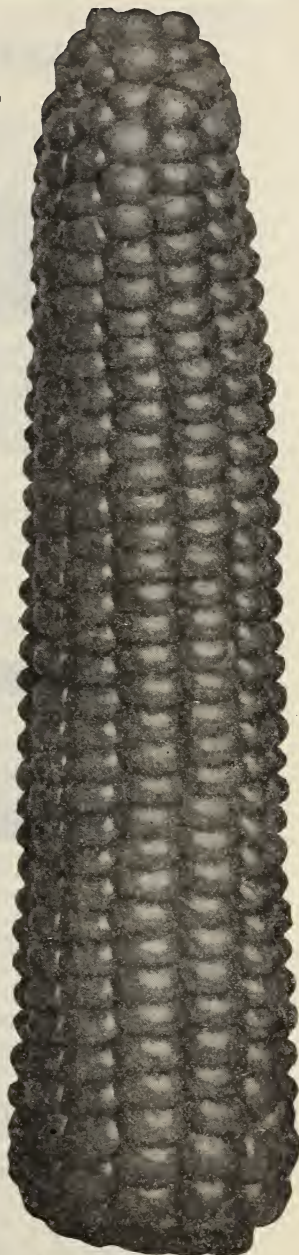
Hardest—The Original Dakota Squaw Corn

—Earliest This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its

popularity through all the years since, on account of its **extreme earliness**, and its **unusual**

hardiness. It is very resistant to both drouth and frost and fully as heavy a yielder as any variety of early flint. It is a flint corn of mixed colors, yellow, white, blue and red predominating; ears long and slender, mostly eight rowed. **Lb., postpaid, 35c. By express or freight, 10 lbs., \$1.60; ½-bu., \$4.50; bu., \$8.00; 100 lbs., \$14.25.**

Burleigh County Mixed



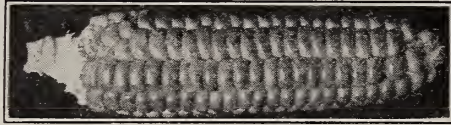
Gehu



ASSINIBOINE FLINT CORN

A Native of Canada

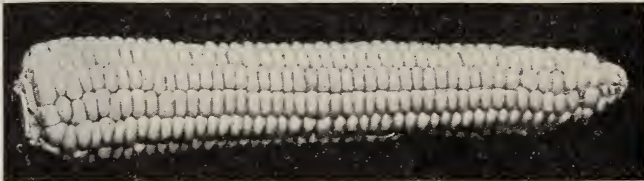
The Earliest Flint Corn Grown



This wonderful early corn was secured by us from the Assiniboine Indians in Saskatchewan who have been raising it and increasing its earliness for many years. It will yield under favorable conditions as much as 20 bu. per acre and ripen in 65 to 75 days under ordinary conditions. It is thus of especial value for feeding in the field or hogging off as it comes a week or ten days before Gehu and Dakota. Under especially favorable conditions it has matured in less than 60 days so that it could be fed. **Lb., 30c, postpaid. By express or freight 10 lbs., \$2.00; 1/2-bu., \$4.50; bu., \$8.50; 100 lbs., \$15.00.**

IVORY KING

The Wonderful and Prolific Corn for the Silo



We are this year again offering the Ivory King; this is a large type white flour corn such as was raised by the Indians in southeastern South Dakota, and which has given the highest yields of any corn in several of the tests made by the Bureau of Corn Investigations for that region. This variety has been raised in the eastern part of our state for some years now both for silage and for ear production. It is a trifle late for a sure ripening sort although it is as safe as most of the early dents. As a producer of fine silage, however, it is without equal. The corn grows high enough to cut with a binder, the ears are of tremendous size and the stalk is very leafy. **1 lb., 30c, postpaid. By express or freight, 10 lbs, \$2.00; 1/2-bu., \$4.50; bu., \$8.00; 100 lbs., \$14.50.**

MANDAN WHITE FLOUR CORN

North Dakota Grown For 200 Years

Requires No Grinding

Wonderful For Hogging Off

Government tests have demonstrated that the flour corns are actually even higher in feed value than the dents and are much more easily ground up and digested by stock than any other type of corn. In response to an urgent demand we have grown this year a sufficient supply of the white flour corn from the Mandan Indians to be able to supply it at reasonable prices for field purposes. This is as early as the early flints, a very heavy yielder of both fodder and ears, and certainly worthy of trial either for hogging off or ripening. **1 lb., 30c, postpaid. By express or freight, 10 lbs., \$2.00; 1/2-bu., \$4.50; bu., \$8.50.**

THE HIGHEST YIELDING OF ALL VARIETIES FOR THE NORTHWEST



FALCONER SEMI-DENT is enlarging the circle of its popularity each year and is fast becoming the principal variety over much of the Northwest. Our continued careful selection in the field, which we have been carrying on now for a number of years, is proving its value. With that selection and the fact that **FALCONER is the ideal type of corn for cold, drought and hail resistance** its popularity is not to be wondered at. It has been growing in its first form for more than forty years in Burleigh Co., being a cross between the early native Indian flint and some yellow dent brought in by one of our pioneer settlers. Mr. Angus Falconer began many years ago to select it for uniformity of appearance and our first stock came from him and was therefore named for him. It is **consistently over our section the best yielder** year in and year out of any sort and while it is by no means as handsome as the pure dents it is very much more productive on the average. It is of a slightly uneven yellow color, ears are high enough to be easily cut with a corn binder, stalks are leafy and produce a high tonnage of edible feed. **By express or freight, 10 lbs., \$1.60; ½-bu., \$4.00; 1 bu., \$7.50; 100 lbs., \$13.35.**

At the Morden, Manitoba Dominion Experiment Station in 1925 Falconer Corn outyielded all varieties.

At the Kidder Co. Fair in September 1926 there were nearly as many samples of Falconer as of all other kinds together, and the samples were all ripe and heavy.



WILL'S ORIGINAL NORTHWESTERN DENT

MOST POPULAR DENT IN THE NORTHWEST

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. **The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.**

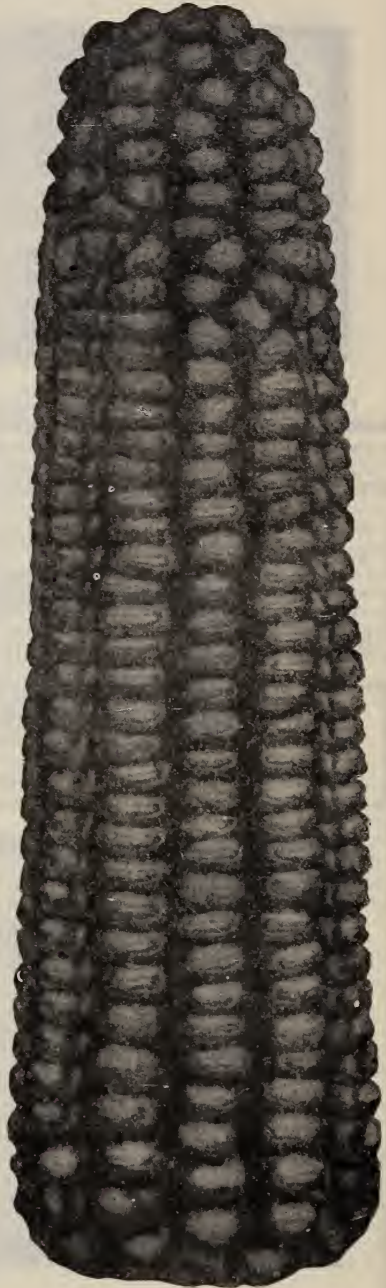
Northwestern Dent is more extensively grown than any other variety in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. **By express or freight, 10 lbs., \$1.75; ½ bu., \$4.50; bu., \$8.00; 100 lbs., \$14.25.**



Load of Will's Selected Northwestern Dent for U. S. Dept. of Agriculture—grown for us by W. B. Falconer of Bismarck.

I took first prize in McLean County, 1924, on Northwestern Dent corn that I bought from you.—J. C. Nelson, Mercer, N. D.

When I was in Colorado up in the clouds 8300 feet I planted Assiniboine corn June tenth, and sure had a good crop; also planted Great Northern beans and had some very good beans. The neighbors all laughed at me for planting corn but they had a different face on when corn matured.—C. H. Johnson, Bx. 2068, Casper, Wyo.



PIONEER WHITE DENT CORN

The Earliest, Hardest White Dent in Cultivation



Pioneer White Dent is perhaps the surest pure dent variety that can be grown in the Northwest, and is in addition the easiest dent to pick for those wishing only the grain crop.

It is perhaps even a little earlier than the Northwestern Dent, and cures much quicker as the cob is smaller. The habit of growth is straight and tall, the ears are borne well up, and the production of ripe ears is very high.

Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., 19 years ago, corn which he had at that time raised for twenty years in North Dakota.

This corn has never failed to produce some ripe corn for us even in the worst years and has proved an unusual success in eastern Montana where it is very popular.

The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 24 inches from the ground. **1 lb., 30c, postpaid. 10 lbs. \$2.00; ½-bu., \$4.00; bu., \$7.00; 100 lbs., \$12.50.**



ACME FODDER CORN

The Best Silage Corn for the Northwest

Acme fodder is a mixture of off type dent corn or of the local mixed strains or other early dents of which we may have an extra amount. Being a mixture it is ranker and more luxuriant in growth and a heavier producer. For this reason it is especially valuable for silage. It is easily handled with a binder and gives just about the right degree of maturity early enough for silo filling. **By express or freight, 10 lbs; \$1.75; ½-bu., \$3.00; bu., \$5.00; 100 lbs. \$8.90.**

MINNESOTA 13 YELLOW DENT SEED CORN



Minnesota 13 is one of the most popular varieties of corn for silage and fodder purposes in the Northwest. It is adapted, however, only to good soil and favorable conditions. It will mature in a favorable year, but is on the average somewhat too late for anything but feed in our climate. Its yield of fodder and silage is very heavy and it attains near enough to maturity so that there is much dry matter in the content. It grows to a height of from seven to nine feet, depending on the season, usually bears two large ears to a stalk, which are many-rowed and of a beautiful rich yellow color, cob is red. **Lb., 30c, postpaid. By express or freight, 10 lbs. \$1.75; ½ bu. \$4.00; bu. \$7.00; 100 lbs. \$12.50.**

SQUARE DEAL YELLOW DENT SEED CORN



The Earliest Yellow Dent in the World

"Square Deal" is a pure yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It is the deepest kernel of any of the acclimated varieties, and although the ears are smaller than the Northwestern Dent, it shells at least 10 per cent more. This corn is growing in favor very rapidly, and it bids fair to take first place among all the early varieties. We do not recommend this variety for light soils, but on rich, heavy land it will outyield any other sort. **By express or freight, 10 lbs., \$2.00; ½ bu. \$4.00; bu. \$7.25; 100 lbs. \$12.75.**

Among the seeds I bought of you last year were 10 pounds of Pioneer White Dent Corn. Last fall it took first premium at the Bighorn County Fair, second for one ear and first on ten ears at the Wyoming State Corn Show and first in the Wyoming State Pure Seed Show at Casper. C. W. Bond, Shell, Wyoming. 13538.

4X FODDER CORN

A Tall Growing, Leafy, Heavy Yielding Fodder Corn



Field of 4X Fodder Corn

The 4X is, we consider, the very best procurable for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten lbs. to $\frac{1}{2}$ bu. per acre, if planted in rows 3 to 4 feet apart; if broadcasted, use about $2\frac{1}{2}$ bu. **By express or freight, 10 lbs., 70c; $\frac{1}{2}$ -bu., \$1.75; bu., \$3.00; 100 lbs., \$5.00.**

SWEET FODDER



Sweet Fodder Drilled In

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milk cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy coarse stalks which are usually waste. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.75; 25 lbs., \$3.75; 50 lbs., \$7.00; 100 lbs., \$13.00.**

A \$5.00 Prize Awarded Next Fall for the Best Name for Our New White Flour Corn.

SEND in your name with an ear of the corn next fall before Oct. 1.

Our supply of this new corn is limited and we are anxious to have it tried out over the Northwest. It is a selection from a cross made by us a number of years ago between the drought resistant corn of the Zuni Indians who live in the most arid section of New Mexico in pueblos on the high mesas and the white flour corn from our own Ft. Berthold Indians. It is a large and very leafy corn, heavy yielding and of good quality. For drought resistance it should be planted unusually deep. **Pkt., 10c; $\frac{1}{4}$ -lb., 20c; $\frac{1}{2}$ -lb., 30c; 1 lb., 50c. By express or freight 10 lbs., \$3.00.**

WILL'S CLEAN TESTED SEEDS

All prices include sacks. Remember this—it means a very great difference. Prices on all seed grain subject to change without notice.

We issue at intervals and as often as necessary, a Field Seed Price List, from January on, showing price changes and items on which we are sold out. We are always glad to mail it upon request.

Freight rates count these days. Remember that we are located in the center of North Dakota with two railroad lines at our service and direct routes radiating in every direction.

We offer herewith a selected list of seed grains all of which have proved exceptionally adapted to the Northwest. Most of them have been grown for us on contract and others have been bought only after careful examination.

NOTICE—We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds. Field seeds and grain are sold under the non-warranty clause on first inside cover.

PIONEER BRAND SEED BARLEY

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.

A Remarkable New Barley From Canada



Beard Shedding Barley

CHARLOTTETOWN NO. 80 BEARD SHEDDING

This is a new two row barley developed on Prince Edwards Island and now grown in a great many parts of Canada, where it not only outyields other sorts but produces a superior grade of grain which commands a premium. It has been grown in our own state for several years now with the same good results. It has been demonstrated that the two row barleys are the best for at least the west half of North Dakota and this barley has the **very great additional advantage that the beards are shed when the grain is ripe** and are left on the ground at harvest time. The accompanying photograph shows the appearance of the ripe heads. Matures in about 95 days. **Lb., 25c, postpaid. By express or freight 10 lbs., \$1.25; $\frac{1}{2}$ bu., \$1.50; bu., \$2.75.**

BLACK HULLESS or BALD BARLEY—A wonderful hog feed. Very early and a heavy yielder under fairly good conditions. Does well even on rather poor soil and if planted early will make a crop for hogging off in late July. Shells out of the head like wheat and is even heavier, weighing as high as 66 lbs. per bu. Drought resistant to a considerable degree. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$2.00; 100 lbs., \$3.50.**

ODERBRUCKER—This is perhaps the standard variety of six-row barley. It does best on heavy, rich soil where it is a tremendous yielder. **By express or freight, 10 lbs., 40c; $\frac{1}{2}$ -bu., 70c; bu., \$1.15; 100 lbs., \$2.25; 10 bu. or more at \$1.00.**



Oderbrucker

PIONEER BRAND SEED OATS

Sow 1 to 2½ bushels per acre. Grain and Grass Seed Prices
Subject to Change Without Notice.



Early Mountain Oats No. 2

EARLY MOUNTAIN OAT NO. 2—(Dickinson Sub-Station Strain.) An oat of our introduction which has been improved by selection work at the U. S. Sub-Experiment Station at Dickinson. For all of fifteen years it has proven itself in recorded tests the best all round oat for the western half of the state. A white oat, very heavy with a thin hull, a good yielder and very hardy. First brought here from Switzerland by Mr. John Yegen, a Bismarck pioneer. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 1 bu., \$1.00; 100 lbs., \$3.10; 10 bu. or more at 90c per bu.**

HULLESS OATS—This is one of the perennial novelty grains which have a new introduction with each generation. It is an excellent feed for poultry and young stock, for use in mashes and mixtures, and for making oat meal as it shells out of the straw like wheat. Reported as an excellent yielder. It is very handsome in appearance both unthreshed and in the grain. **1 lb., 20c, postpaid. By express or freight, 10 lbs., 70c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$4.50.**

GOPHER—the NEW EARLY and HEAVY YIELDING OAT from the MINNESOTA EXPERIMENT STATION. These oats were grown for us on contract from registered seed which we shipped in from a Minnesota pedigree seed grower. They yielded over 70 bu. per acre on our contract field in 1925, and were much earlier than any of the standard sorts. A development by breeding and selection from the Sixty Day type. **Lb., 25c, postpaid; by express or freight, 10 lbs., 50c; bu., \$1.00; 100 lbs., \$3.10; 10 bu. or more at 90c.**

VICTORY OATS—An improved oat of the Swedish Select type, produced by the famous Swedish grain breeding station, and brought to this country a few years ago. We are listing it instead of the old Swedish Select as it is giving so much better results. It is now perhaps the most popular variety throughout the Northwest, and has proved itself to be a wonderful yielder, with stiff straw, drouth and rust resistant and medium early. In the past year or two many yields of seventy to one hundred bushels to the acre have been reported. The grain is exceedingly plump and heavy. **Lb., 20c, postpaid. By express or freight, 10 lbs., 40c; bu., 85c; 100 lbs., \$2.60; lots of 10 bu. or more at 80c.**



Victory Oats



Gopher Oats

SIXTY DAY OR KHERSON—This is the earliest oat grown and ripens before wild oats under usual conditions. It is especially recommended by agricultural authorities for the drier sections and has given unusually good results in western North Dakota and eastern Montana. Kernels small, hull very thin and yellowish white in color, of excellent feeding qualities and a good yielder for so early an oat. **Lb., 20c, postpaid. By express or freight, 10 lbs., 35c; ½-bu., 50c; bu., 85c; 100 lbs., \$2.60; 10 bu. at 80c.**

PIONEER BRAND SEED WHEAT

Prices Include Sacks

Prices Subject to Change. Write for Our Figures on Large Lots.

Sow one to one and one-half bushels per acre.

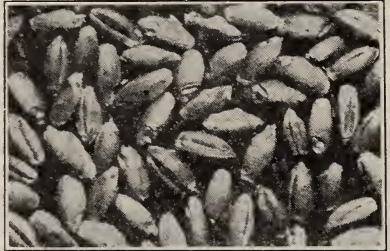


PEDIGREED MARQUIS FROM CANADIAN SEED—Last spring we purchased and put out on contract some **Canadian Registered Marquis Seed Wheat**. On account of the severe drouth our return was small, but at that it gave the best yield of any Marquis in our vicinity and the crop is of excellent quality. Our supply is limited. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; ½ bu., \$2.00; bu., \$3.50.**

NORTH DAKOTA MARQUIS SPRING WHEAT—Except for the durums this seems to be the most generally satisfactory spring wheat for the Northwest. Early, productive and of the very best quality, it always brings the top price. Our seed is recently from pedigreed Canadian stock which means that it is pure. **Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.50; bu., \$2.25. Ask for prices on large lots.**

KOTA SPRING WHEAT—A Rust Resistant, Drouth Resistant, High Yielding and Excellent Milling Hard Red Spring Wheat.

Kota has once again demonstrated its very great resistance to rust. It is fully as resistant as the D1 and Acme durums and grades with Marquis in the markets. It makes an excellent flour, is a heavy yielder under good conditions and quite drouth resistant. Kota is a bearded variety of the Preston type which has been developed at the North Dakota Experiment Station. **Postpaid, 1 lb., 50c. By express or freight; 10 lbs., 75c; ½-bu., \$1.25; bu., \$2.25; 5 bu., \$2.20.**



Kota Wheat

RUST RESISTANT AMBER DURUM—D1 or Monad Wheat is perhaps

the most valuable wheat introduction of recent years; while almost perfectly rust resistant it is also reasonably drouth resistant. We consider ourselves fortunate in having secured a good supply of the D-1 which commands No. 1 Amber prices. We offer it as follows: **1 lb., postpaid, 30c. By express or freight, 10 lbs., 75c; ½-bu., \$1.25; bu., \$2.25.**



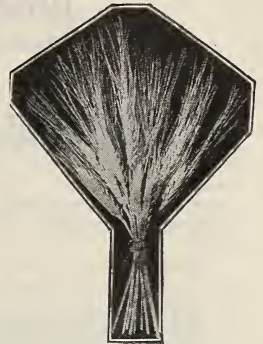
Kubanka

KUBANKA DURUM—This is the most rust resistant and productive of the ordinary types of durum wheat, produces grain of first quality amber durum and is very extensively grown, wherever the durums are used. Our seed is of the genuine, pure Kubanka variety. **Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.50; bu., \$2.50.**

SPELTZ OR EMMER

40 lbs. to the bu. Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bu. per acre.

SEED SPELTZ—Speltz needs little praise as it is too well known to all our customers. The great drouth crop, it is as well the most widely valuable of any grain we have. Excellent alike for horses, cattle, hogs or poultry, it is certainly a general purpose grain. Speltz as well as being so universally valuable is one of our surest drouth resistant crops and in conjunction with corn will insure feed in the worst years. **Per lb., 25c, postpaid. By express or freight, 10 lbs., 50c; bu. (40 lb.) \$1.10; 100 lbs., \$2.50; 1000 lbs., at \$2.40 per 100 lbs.**



Speltz



Spring Rye

PIONEER BRAND SEED RYE

Sow 1 to $1\frac{1}{2}$ bushels per acre.

NORTH DAKOTA GROWN SPRING SEED RYE

Spring rye is one of our most valuable crops, and is available for a number of uses. On light, poor soil it is the only small grain crop that will produce profitably. Sown late in the season it makes an excellent hay crop, and it may also be sown and used as hog or sheep pasture, with very good success. **Lb., 20c, postpaid. By express or freight, 10 lbs., 40c; $\frac{1}{2}$ -bu., \$1.00; bu., \$1.50; 100 lbs., \$2.60.**

Prices on Winter Rye furnished on request after July 15th—we always carry Winter Wheat and Winter Rye in stock.

PIONEER BRAND FIELD PEAS

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.

Peas may be grown successfully on a variety of soils, but clay loam and soil well supplied with lime are best, peas also require a fairly moist soil. Even a heavy clay soil will raise good peas.

NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS—

Field peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or spring rye. **Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.25; 50 lbs., \$4.50; 100 lbs., \$8.00.**



Early Canada Field Peas

WHITE MARROWFAT PEAS—

Not only a heavy yielding field pea but a good green pea and much used for canning. Shorter than Early Canada, averaging about $3\frac{1}{2}$ ft. high, and somewhat later, it is a heavy yielder of ripe peas and the quality of them is better. It will stand more hardship in the way of drouth, etc., than any other sorts. **One lb., 25c, postpaid; 10 lbs., \$1.35; 50 lbs., \$6.00; 100 lbs., \$10.00.**

PIONEER BRAND SEED FLAX

Prices subject to change. Write for quantity prices.

Prices Include Sacks.

Sow $\frac{1}{4}$ to $\frac{1}{2}$ bushel per acre.

WILT RESISTANT SEED FLAX, THE ONLY KIND SAFE TO PLANT ON OLD GROUND.

Most of these varieties were developed at the North Dakota Experiment Station, and they have proved by many trials that they will produce a crop on old ground where the common sorts are practically destroyed by wilt.

There are a number of varieties of wilt resistant flax, most of which originated at our State Experiment Station. Probably the best are the No. 114, No. 73, No. 52, Premost or Minnesota No. 25, and Linota. We expect to be able to furnish at least one of these varieties, and perhaps all of them during the coming season. In ordering please state whether you will take any one of the other sorts in case we are out of the one you name or wish only the special kind ordered. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; $\frac{1}{2}$ -bu., \$2.25; 1 bu., \$4.00. Ask for prices on larger lots.**

ARGENTINE FLAX—This is a new sort brought in from Argentine Republic not long ago. It is a very tall, and large variety, a heavy yielder, and is said to be just as wilt resistant as our special resistant sorts. Has given excellent results in many places. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$2.25; bu., \$4.00.**

CHOICE CLEAN SEED FLAX. While we do not like to give up time and space for handling the common flax, yet the demand has been so urgent that we have planned once more to carry a limited supply of good quality seed. Samples sent on request and prices quoted. **Present prices: 10 lbs., 90c; $\frac{1}{2}$ -bu., \$2.00; bu., \$3.75.**



Flax

PIONEER BRAND BUCKWHEAT

Sow $\frac{1}{2}$ to 1 bushel per acre, or 25 to 50 lbs.



Buckwheat

Buckwheat is becoming more popular every year in the Northwest. May be sown as late as July first and mature a crop; does well on light soils, an excellent crop to smother weeds, and always a marketable grain.

JAPANESE—The Japanese buckwheat is the largest seeded variety grown, as well as the hardiest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. We therefore consider it well suited to our climate even though the yield under the best conditions may fall a little short of the later sorts. **Lb., 20c, postpaid. By express or freight, 10 lbs., 70c; 25 lbs., \$1.00; 100 lbs., \$3.75.**

SILVER HULL—This is the later, heavier yielding variety which is common in the east, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. **Lb.,**

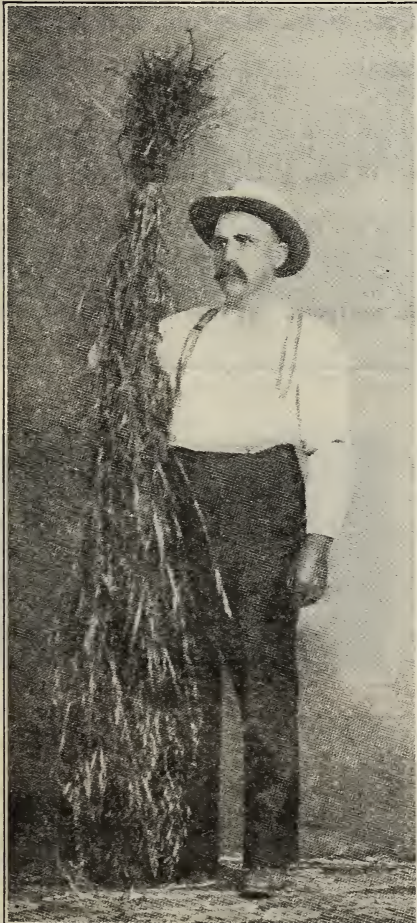
20c, postpaid. By express or freight, 10 lbs., 70c; 25 lbs., \$1.00; 100 lbs., \$3.75.

WILL'S PIONEER BRAND GRASS SEED



WESTERN RYE or SLENDER WHEAT GRASS—The best hay grass for the Northwest, the best dry land lawn grass, hardy, drought resistant, of good quality, a native variety. This grass is being increasingly grown in the Northwest and wherever tried gives the greatest satisfaction. In Canada it is already recognized as one of the most important features of their agriculture. It is not as rank a grower as brome grass but it is relished more by stock. Does not suffer from close pasturing and makes an excellent hay. We have demonstrated by experiment during the past several years that it is the best grass to use for lawn purposes under

severe conditions and where water is not available. It stands cutting better than the brome grass, and looks much better on account of its finer foliage. **Postpaid, 1 lb., 30c; 5 lb., \$1.20; by express or freight, 15 lbs., \$2.00; 50 lbs., \$5.50; 100 lbs., \$10.00.**



Brome Grass



Western Rye

BROME GRASS

BROME GRASS—Austrian or Russian *Bromus inermis*. Brome Grass which has come to be the most important tame grass for North-western conditions, is an exceedingly valuable pasture grass, especially for early spring and late fall, but produces only a rather poor quality of hay. For hardness and general resistance to severe conditions, it is unequalled. Is a good producer of turf and valuable on sandy soils as it roots deeply and binds loose soils together. A very large percentage of brome grass seed contains also seeds of the noxious quack grass. Such seed is not permitted to be sold in North Dakota by state dealers over whom our State Seed Commissioner has control, but may be shipped in by outside dealers. We urge therefore, that you buy brome grass seed from reputable seedmen within the state, whose seed has been inspected and passed on in the State Seed Laboratory. We confine ourselves to the North Dakota grown product, which is heavier and germinates a greater per centum than any other we have ever tested. The seed we offer is thoroughly matured and dry. Sow 7 to 15 pounds per acre. **Lb., 35c, postpaid. By express or freight, 1 lb., 25c; 15 lbs., \$2.25; 50 lbs., \$7.50; 100 lbs., \$14.00.**

GRASS



Timothy

MEADOW FESCUE OR ENGLISH BLUE GRASS—This grass, while not as valuable as Bromus and Western Rye, is one of the hardiest grasses for the Northwest. It is an excellent permanent pasture grass, and the quality of the grass is high for feed purposes. This grass roots deeply and therefore withstands drought and heat exceptionally well. It also withstands severe cold very well. Also useful for a hay producer, growing to the height of three feet, and possessing very nutritious qualities. Sow 15 to 20 pounds per acre. **1 lb., 55c, postpaid. By express or freight 10 lbs., \$4.00; 50 lbs., \$15.00; 100 lbs., \$28.00.**

PIONEER BRAND TIMOTHY SEED—We offer only North Dakota grown timothy seed which is from acclimated fields. Timothy is the best known and most extensively grown tame grass in the country. It is a hardy grass so far as standing the winters, but does not do well in a dry year or on poor soil. For rich, well watered land no grass can equal it, elsewhere we do not recommend it for the Northwest. **1 lb., 30c, postpaid. By express or freight, 1 lb., 20c; 10 lbs., \$1.25; bu., of 45 lbs., \$4.50; 100 lbs., \$9.50.**

RED TOP OR HERD'S GRASS—Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. It is hardy in such places and will even grow where there is some alkali present. An excellent pasture grass as well as a hay producer. We handle only the fancy solid seed, of which only 4 to 5 pounds are required to the acre. **1 lb., 55c, postpaid. By express or freight, 1 lb., 45c; 10 lbs., \$4.25; 50 lbs., \$20.00; 100 lbs., \$36.00.**

KENTUCKY BLUE GRASS—We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Blue Grass is not valuable as a hay crop but makes good pasturage. It will stand considerable hardship, but should not be sown on high rolling prairie land in the Dakotas, as in such localities it is liable to be damaged in case the soil freezes up dry in the fall. Sow 20 pounds per acre. **1 lb., 65c, postpaid. By express or freight, 1 lb., 50c; 10 lbs., \$4.00; 100 lbs., \$32.00.**

RAPE

DWARF ESSEX—This plant, which is related to the rutabaga family is one of the very best forage plants for pasturing cattle, hogs, or sheep, as well as for silo filling. Thrives best in low moist soil such as slough, lake bed or a coulee bottom. In such places it will produce a tremendous quantity of feed, growing out as fast as it is eaten off. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 50 lbs., \$5.50; 100 lbs., \$10.00.**



COW PEAS

WHIP-POOR-WILL—This is a soil enriching legume about which too little is known in the Northwest. The Whip-Poor-Will is an early variety maturing in about 90 days. Cow Peas, ripe, are valuable either as human food or food for stock. The vines make the finest kind of hay green and are eaten by stock; are an excellent silo filler, and may be pastured by hogs or cattle. Do not plant until the ground is warm. For pasture, hay or soiling, broadcast or drill with a grain drill at the rate of one bushel per acre. For seed sow in rows 36 inches apart and cultivate. **1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 50 lbs., \$6.50; 100 lbs., \$12.00.**

WILL'S PIONEER BRAND MILLET SEED

Millet prices include sacks, and are subject to market changes without notice.

Write for prices on large lots. Sow 15 to 30 pounds per acre. In case of price advances or reductions, value will be sent. Get Our Special Price List.

SIBERIAN MILLET—This variety is the most planted of the extra hardy sorts. It is more drought resistant than the German and produces a finer quality of hay, although it is slightly outyielded by the German under favorable conditions. It does not degenerate from being planted in the north as does the German and therefore northern grown seed is fully the equal of the southern. The seed is mostly red with some lighter mixture. We have both northern and southern grown stocks. **Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$3.25; 100 lbs., \$6.00.**



Siberian Millet



Hungarian Millet

WHITE WONDER MILLET—The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Its growth is very vigorous and in spite of its earliness it is one of the very heaviest yielding varieties. Due to its rapid growth it is a fine crop for smothering weeds on foul land. **1 lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$5.00.**

HUNGARIAN MILLET—This variety is one of the best adapted to northern conditions of any sort. It is suited to cooler weather than any other kind, and will mature seed under such conditions, which does not degenerate as does the northern grown seed of some sorts. It is an exceptionally fine hay crop as to quality and fineness and a good yielder as well. **Lb., 25c, postpaid. By express or freight, 10 lbs., 85c; 50 lbs., \$4.00; 100 lbs., \$7.50.**



White Wonder Heads

SOUTHERN GROWN GERMAN MILLET—This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska from which region comes the German millet best adapted to our requirements in the Northwest. A wonderful producer of hay and exceedingly valuable as a food for dairy cattle though the stalk is sometimes considered too coarse. **By express or freight, 10 lbs., 75c; 50 lbs., \$3.75; 100 lbs., \$6.25.**

JAPANESE MILLET—This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. **Lb., 25c, postpaid. By express or freight, 10 lbs., 90c; 50 lbs., \$4.50; 100 lbs., \$8.00.**

PROSO TYPE MILLET

EARLY FORTUNE OR RED PROSO—This red form of the proso or hog millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. **Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$5.00.**

BROOM CORN OR HOG MILLET—This is the most common of the millets grown for seed production. The seed is an excellent feed for hogs, cattle and poultry. It is said to be very good also as a breakfast food for human consumption. The seed has very high food value. A great drought resister. Color whitish yellow. **Postpaid, lb., 20c; by express or freight, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.75.**



Early Fortune

SORGHUMS

Prices Include Sacks and are subject to change. Write for Special Prices on Large Lots

The Sorghums are coming more and more to occupy an important place in the agriculture of the Northwest as diversified farming increases. Being extremely drouth resistant as well as very heavy yielders they are among the very best crops for the whole section, and no better feed for dairy cows or beef stock can be grown.

Do not plant Sorghums before June.



Sudan Grass on the Ranch of Miss Bess Bridges, Little Missouri Bad Lands, North Dakota.

SUDAN GRASS—Sudan has come to be one of our very most important hay crops in the Northwest, replacing the millets to a considerable extent. It has proved its suitability to all sections of our state, and the fact that it will produce from two to three crops of hay instead of just one places it ahead of most other crops. It has been especially valuable in the drier sections of the Great Plains even north into Canada. As hay it is valuable alike for cattle, horses and all other live stock, not having any ill effects of any kind. It is equally valuable as a pasture, producing an unbelievable amount of feed for hogs, cattle or sheep. In poor soil drill in rows 18 to 30 in. apart and cultivate; on well watered land it may be drilled thickly or broadcast. In the first case use 4 to 6 lbs. per acre. When sown thickly use 16 to 20 lbs. Sowing before warm weather stunts the crop. **Lb., 30c, postpaid. By express or freight, 5 lbs., 75c; 50 lbs., \$5.00; 100 lbs. \$9.00.**

EARLY AMBER CANE SEED—Cane is rapidly gaining in use as a cow feed, both for the silo and to cut and dry for fodder. The EARLY AMBER variety is the earliest and the only one coming near enough to maturity to be valuable in the Northwest. It is very drouth resistant and will stand still during dry weather and start to grow again with the first rain. May be broadcast at the rate of 40 to 50 lbs. per acre or drilled at the rate of 20 to 30 lbs., or even better planted with a corn planter at the rate of 5 or 6 lbs. **Lb., 20c, postpaid. By express or freight 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.00.**



Early Amber Cane

DAKOTA AMBER CANE—The best sort for syrup making in the north. This is seed of the amber variety which has been raised in one of the Dakotas or Minnesota, and which is perhaps a trifle earlier than the southern grown, and not quite so tall. **1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$3.25; 100 lbs., \$6.00.**

FETERITA—This is the earliest of the so-called non-saccharine sorghums, a relative of Kaffir corn but earlier. One of the most drouth resistant of all forage plants, more so than cane, and in a favorable season will mature in some parts of the Northwest. An excellent silage and forage crop, and the ripe seed is a fine grain feed. **Postpaid, 1 lb., 20c; 10 lbs., \$1.00. By express or freight, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.00.**



SOY OR SOJA BEANS

WISCONSIN EARLY BLACK and MINNSOY—We are very glad to be able to offer North Dakota-grown soy beans this year, and the two best and earliest sorts for our section. We can not guarantee to supply both sorts throughout the season, but shall be able to furnish one or the other. Soy beans have been proven to be a good crop wherever in the Northwest the early dent corn can be matured. They are of value in a number of ways, having an unusually high food content both as green feed, hay and ripe grain, as well as a soil restoring power that equals or exceeds that of clovers. Even the dry threshed straw is said to be more palatable to stock than the best hay. Soy beans are an especially good crop for light soils and in sandy location. Remember that we offer

only North Dakota grown seed of the earliest sorts. **Price, 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.25; 50 lbs., \$4.50; 100 lbs., \$8.00.**

SUNFLOWER SEED—Mammoth. An established crop for the Northwest as well as a profitable seed crop, the sunflower is being used more and more each year. It is a plant which originated in the plains region of North America whence it has been carried to all parts of the world and it is therefore especially adapted to our climate. Has produced as high as 12 tons of silage per acre in western North Dakota, and the silage is of exceptionally fine quality and much relished by cattle. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.00; 100 lbs., \$8.50.**

PEANUTS

MAMMOTH VIRGINIA—The most prolific variety to grow, and more desirable than the common spreading kind, because more easily cultivated. It has very erect stems and upright foliage, and the largest pods and kernels of any variety. Sow in drills four feet apart, placing the nuts six inches apart. **Pkt., 10c; ½-lb., 15c; ½-lb., 25c; 1 lb., 45c, postpaid. By express or freight, 1 lb., 35c; 5 lbs., \$1.50.**

SPANISH—Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. **Pkt., 10c; ½-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express, 1 lb., 30c; 5 lbs., \$1.10.**

INOCULATE ALL PEAS, BEANS, CLOVER, ALFALFA, COW PEAS AND SOY BEANS WITH NITRAGIN INOCULANT

It is almost a waste of seed to plant any of the above items without inoculating them first. The inoculant bacteria are necessary to make the plant thrive as well as to increase the nitrogen content of the soil. We have found the NITRAGIN brand to be both inexpensive and very efficient.

Specify which of the following seven cultures you wish: A, for alfalfa and sweet clover; B, for all other clovers; C, for all varieties of peas, sweet peas, vetches and lentils; D, for all sorts of field and garden beans; E, for cow peas, lima beans, velvet beans, and peanuts; S, for all varieties of soy beans.

One fourth bu. size, 40c each; 45c, postpaid; one half bu. size, 60c; 65c, postpaid; 1 bu. size, \$1.00, postpaid. \$1.10; 5 bu. size, \$4.75; \$5.00, postpaid. Special price for type S for soy beans. ½-bu. size, 40c; 45c, postpaid; 1 bu. size, 70c; 75c, postpaid; 5 bu. size, \$2.50; \$2.75, postpaid.

Garden Size, a special package for the small garden and covering garden beans, garden peas, sweet peas and lima beans, comes in no-breakable cans, 20c each; 25c, postpaid.



NITRAGIN on ALFALFA
The wonderful nodules enrich the soil and insure a big crop.

OUR ALFALFA AND CLOVER SEED

We have a Scarifying machine in our warehouse, through which we run our alfalfa and clover seed. This adds to our expense in handling the seed, but increases the germination by from ten to thirty, or even forty per cent in some cases. All our seed is scarified.

With the exception of postpaid prices on small lots we do not guarantee prices here quoted for any length of time, as they are subject to change without notice. Therefore, unless your order states plainly not to ship except at list prices we will execute the order at the best possible price, whether higher or lower—if higher, we will send value of remittance. If lower, will send your money's worth.

PIONEER BRAND ALFALFA SEED

**Alfalfa Prices Subject to Change Without Notice—Prices Include Sacks
Sow 4 to 7 pounds per acre.**



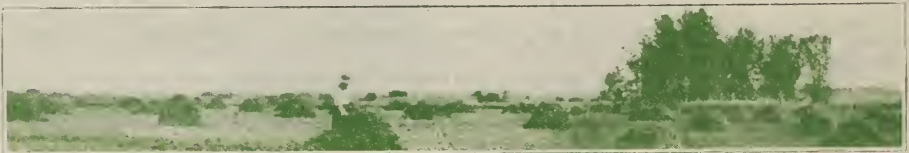
NORTH DAKOTA GRIMM—The hardest of all Grimm strains. Recently Grimm from Idaho and other milder climates has been offered at lower prices than our stock, but we feel that it is not tested by the same severe conditions as the hardy dry land grown sorts from the Northwest and we advise our northern customers to stick to the tested strains. We require an affidavit and pedigree with every lot of seed which we purchase, these are placed on file and each lot is given a special letter or number so that it may be readily looked up on request. Every shipment of Grimm or Cossack bears a small green tag upon which the lot letter or number is stamped. Customers should preserve this tag and always give the lot designation when writing to us for information with regard to their seed. We are this year shipping the Grimm in 50 lb. sacks. **1 lb., 70c, postpaid. By express or freight, 10 lbs., \$4.50; 50 lb., sack, \$19.00; 100 lbs., \$38.00.**

REGISTERED NORTH DAKOTA GRIMM ALFALFA—This is seed from fields of Grimm which are registered at the State Agricultural College and the pedigrees of which are on file there. Certain requirements in handling make this seed more expensive to list, but we are carrying it in response to the demand from those who wish to grow alfalfa for seed and to sell registered seed themselves. **Lb., 75c, postpaid. By express or freight, 10 lbs., \$5.50; 50 lb. sack, \$23.00; 100 lbs., \$45.00.**

COSSACK ALFALFA—This is an exceptionally hardy alfalfa brought from Siberia by Professor Hansen. It is a heavy yielder as well as being very cold and drouth resistant. Very similar to Grimm in all respects as shown by our many years' trial. We are informed by ranchers of the Little Missouri Bad Lands that the Cossack is preferable to Grimm and a better yielder on the heavy clay or gumbo soil of that region. This also we are sending out in strong 50 lb. sacks. Each lot is lettered. **Lb., 70c, postpaid. By express or freight, 10 lbs., \$5.50; 50 lb. sacks, \$25.00 each.**

HARDY LISCOMB ALFALFA—This is one of the extra hardy variegated blossom sorts which has proven exceedingly hardy and drought resistant in the drier sections of Montana. It has also given excellent results in our section. **Lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.75; 50 lbs., \$16.00; 100 lbs., \$30.00.**

NORTH DAKOTA ALFALFA—We wish to call especial attention this year to our North Dakota grown, scarified alfalfa seed. While not of a pedigree strain this seed comes from the western part of the state where the fields from which it was raised have been subjected to the most severe weather conditions for a period of five or more years. **1 lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.00; 50 lbs., \$14.00; 100 lbs., \$27.00.**



SWEET CLOVER

THE GREAT PASTURE AND HAY CROP AND BEE PASTURE

Prices Include Sacks—Seed is Scarified

WHITE BLOSSOM SWEET CLOVER—This is the taller growing sort which grows from the bases of the stems and must be cut high. A heavier yielder on good ground. Seems especially suited to heavy gumbo soils. Excels especially as a pasture plant. **1 lb., 30c, postpaid. By express or freight, 10 lbs., \$2.00; 50 lbs., \$8.50; 100 lbs., \$16.00.**

GRUNDY COUNTY SWEET CLOVER—This is a white blossom strain which is nearly two weeks earlier than the ordinary sort and not quite as rank a grower. It is increasing in popularity principally on account of its earliness. **1 lb., 35c, postpaid. By express or freight, 10 lbs., \$2.00; 50 lbs., \$9.50; 100 lbs., \$18.00.**

HUBAM or ANNUAL WHITE SWEET CLOVER

—This has come to have an established place as a soiling crop, and even more so as a good annual hay crop which may be planted earlier than such crops as the sorghums. It is a heavy yielder, and while producing hay or excellent pasture it also adds fertility to the soil at the same time. **1 lb., 60c, postpaid. By express or freight, 1 lb., 50c; 10 lbs., \$4.50; 100 lbs., \$40.00.**



White Blossom Sweet Clover

YELLOW BLOSSOM SWEET CLOVER—

(Biennial.) This clover is somewhat better adapted to the higher and drier locations than is the white. It is an excellent hay crop and may be cut close to the ground like alfalfa as it has a similar crown. Finer foliage and not so tall as the white. **1 lb., 35c, postpaid. 10 lbs., \$2.00; 50 lbs., \$9.00; 100 lbs., \$17.00.**

Yellow Blossom Sweet Clover

GET OUR FREE BOOKLET ON SWEET CLOVER IF INTERESTED

PIONEER BRAND CLOVER SEED

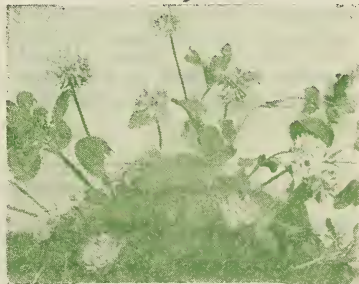
In Event Prices Change We Shall Send Value Unless Otherwise Instructed.

Sow 6 to 10 pounds per acre. Prices Include Sacks.

WILL'S NORTH DAKOTA GROWN MEDIUM RED CLOVER—While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Be sure and get our extra hardy and vigorous North Dakota grown seed. **1 lb., 55c, postpaid. By express or freight, 10 lbs., \$4.00; 100 lbs., \$38.00.**

MAMMOTH RED CLOVER—This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota grown seed. **1 lb., 55c, postpaid. By express or freight, 10 lbs., \$4.50; 100 lbs., \$40.00.**

ALSIKE or SWEDISH CLOVER—This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. **1 lb., 45c, postpaid. By express or freight, 1 lb., 35c; 10 lbs., \$3.75; 100 lbs., \$34.00.**



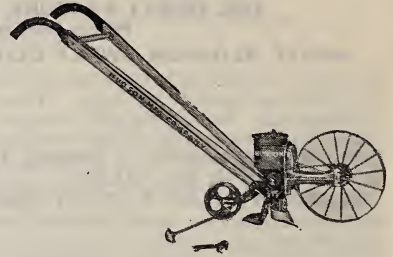
Alsike Clover

WHITE DUTCH OR LAWN CLOVER—White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. **1 lb., 75c, postpaid. By express or freight, 5 lbs., \$3.00; 10 lbs. or more, at 55c.**

HAND SEEDERS AND CULTIVATORS

HUDSON SEEDER NO. 205—Designed for the market gardener who does a great deal of seeding, and must always have a seeder set up ready for use. Can be made into a cultivator by adding the cultivating equipment as the steel frame and arch are standard. Will sow all seeds from beans down to the very finest garden variety, either in continuous drills, or in hills spaced from 4 to 24 inches apart. The all brass seed regulator is absolutely accurate and gives perfect control of the seed flow. The adjustable furrow opening shoe permits planting at any depth up to 2 inches. **Price, complete, boxed, by express or freight, \$14.60.**

Shipping weight, 44 pounds



Hudson Seeder No. 205



Hudson Cultivator No. 218

HUDSON CULTIVATOR NO. 218—This single wheel cultivator is a practical tool for the small gardener. It can be used as a hoe, plow or cultivator, working between the rows. **By express or freight, boxed, \$9.00. Shipping weight, 32 pounds.**

HUDSON DOUBLE WHEEL HOE NO. 214—Same as No. 218 except less cultivator teeth and plows, but with an extra wheel for cultivating astride row. **By express or freight, boxed, \$9.00. Shipping weight, 32 pounds.**

HUDSON COMBINATION SEEDER AND CULTIVATOR NO. 201

—We are again offering this new machine which we can thoroughly recommend. It combines a high grade drill and seeder with both two and one wheel cultivators and sells at a very reasonable price for so excellent a machine. The illustration will give an idea of the equipment which is very complete. **Price, boxed, handles furnished, by freight or express, F. O. B. here, \$16.00.**



Hudson No. 201

HUDSON NO. PE3 SINGLE WHEEL CULTIVATOR AND PULVERIZER—This is one of the handiest little machines for the garden that we have ever seen. Can be used in any rows between twelve and six inches apart; consists of a weed cutting blade in front followed by five stirring and pulverizing teeth. Easy running, strong and sturdy. Shipping weight 12 lbs. **By express or freight \$3.55.**

We have on hand a few No. 4 Planet Jr. Combined Seeder & Cultivators at \$16.00.

GREENHOUSE DEPARTMENT

We grow and offer very fine seasonable CUT FLOWERS. Send us your order. Sprays, wreaths and other funeral flowers made up by an expert designer on short notice. We make immediate deliveries to both the Bismarck Hospitals. Mandan deliveries 50c extra.

WILL'S FLOWERS-BY-WIRE SERVICE—We are members of the Florists' Telegraph Delivery Association. Guaranteed Service.

PARCEL POST—Please note that we list a postpaid price for any article which may be sent by mail. If you desire parcel post shipment kindly remit at that rate.

BEDDING PLANTS.

By express, 15c each; \$1.50 per doz. Postpaid each, 25c; per doz., \$2.25.

ANTIRRHINUM—(Snapdragon.) Maximum flowered. White, yellow, pink and red.

COLEUS—Foliage Plant, fine for borders, yellow, red, and variegated.

CALENDULA—(Pot Marigold.) Orange color and continuous bloomer.

FEVERFEW—Clusters of small white flowers. For bedding or cemetery use.

LOBELIA—Trailing. (for window boxes, etc.) **Compacta** (Dwarf type for edgings, etc.) Dark blue flowers, small green leaves.

PETUNIAS—(Single.) Giant and Frilled varieties, all colors. Also the Rosy Morn type in pink and blue.

SALPIGLOSSIS—(Painted Tongue.) The Orchid of annual flowers. Mixed colors. Fine for cutting.

SWEET ALYSSUM—Dwarf white flowered border plant.

VERBENA—White, Pink, Red, Blue and Purple.

Prices on the following plants and vines: 25c each; \$2.50 per dozen. Postpaid price 35c each; \$3.50 per dozen.

BEGONIA GRACILLIS LUMINOSA—Always in bloom. Foliage dark green tinged red. Fiery scarlet flowers.

BEGONIA PRIMA DONNA—Everblooming. Rose pink flowers, green leaves.

DAISY—(Marguerite.) Single White.

DAISY—(Hunt.) Single white, yellow center.

DAISY—(Mother's Favorite.) Larger, white, cream center.

FUCHSIA—Fine both for the house and in shady places outdoors. Pendant blooms of pink, with white or pink centers.

GERANIUMS—(From 3 inch Pots.) See different varieties listed in next column.

FERNS—Shipped in pots any time of the year. Absolutely the best ornamental plants. (Please note the sizes in which we can furnish each fern as shown in the description.)

POSTPAID PRICES—3 in., 50c; 4 in., \$1.00; 6 in., \$2.00; 7 in., \$2.50; 9 in., \$4.00. By express 3 in., 40c; 4 in., 75c; 6 in., \$1.50; 7 in., \$2.00; 9 in., \$3.50.

BOSTON—(Sword Fern.) The largest seller and very easy to grow. All sizes.

PIERSONII—A lovely crested type, more compact than the Boston. All sizes.

ASPARGUS—PLUMOSUS. (Lace Fern.) Lacy foliage and drooping fronds. Fine for jardinières. 3 and 4 inch sizes only.

ASPARGUS SPRENGERI. (Feather Fern.) The long sprays make this fine fern useful for window boxes, etc., both indoors and out. 3 and 4 inch sizes only.

PALMS—(Kentia Belmoreana.) Extremely easy to grow and also long lived. You will like them. In 4 inch pots, \$2.00 each; by mail \$2.40.

SANSEVIERA—Variegated green and white spiky leaves. Very ornamental and easy to grow. \$1.00 each; by mail \$1.30.

PELARGONIUM—(Improved Martha Washington Geranium.) Orchid like blooms, Easter Greeting (red and black) or mixed types. 60c each by express. Postpaid 80c each.

PRIMROSE—Obconica type. We list this excellent everblooming house plant in white, pink and lavender. Two sizes 75c and \$1.25 each. Postpaid price \$1.00 and \$1.50.

HELIOTROPE—Fragrant lavender flowers, a fine bedder. Blooms always face the sun.

MADAME SALLEROI GERANIUM—A variegated green and white foliage plant used for borders.

SALVIA—(Scarlet Sage.) Fiery scarlet. Blooms at in August.

VINES—Cobaea Scandens. (Cathedral Bells.) Purple flowers, a fast climber.

VINES—English Ivy. Dark green leaves, used both indoors and outside.

VINES—German Ivy. Bright green foliage. Recommended for window boxes, etc.

VINES—Madeira Vine. A rapid grower. Dark green leaves.

VINES—Tradescantia. (Wandering Jew) We can supply both the green and variegated types of this popular vine.

For Vinca Vines see the following list below.

The following plants are priced at 40c each; \$3.50 per dozen. Postpaid price 55c each; \$5.25 per dozen.

CANNAS—Strong plants of the varieties listed under "Bulbs" on the following page.

GERANIUMS FROM FOUR INCH POTS.

GERANIUMS—Beaute Poitevine. Double Salmon Pink.

GERANIUMS—Helen Mitchell. Brilliant Double Scarlet.

GERANIUMS—Ivy Geranium. Rose pink bloom, waxed leaves.

GERANIUMS—Madame Buchner. The best double white.

GERANIUMS—Rose Scented. Skeleton leaved. Pink bloom.

GERANIUMS—S. A. Nutt. Very double deep red flowers. The king of them all.

PETUNIAS—Prize Double. Well grown plants in white, red or purple mixtures. Very popular.

VINCA VINE—Green and Variegated. (Green and white). Unexcelled for window boxes and vases. State preference when ordering.

We are always satisfied when we order from Will's. We received our Easter Cut Flowers and also the Strawberry Plants in excellent condition.—Mrs. Wm. Appeman, Bartlett, N. Dak.

ASTERS—The best mid-season strain, branching in habit; in white, pink, lavender and purple. Seed treated with "Bayerdust" to prevent blight. **By express, 50c per doz., \$3.00 per 100. Postpaid, 65c per dozen.**
WILL'S SUPERB PANSIES—We use the finest seed obtainable and offer strong well grown plants in mixed colors. **By express, 65c per dozen; \$4.00 per 100. Postpaid, 80c per dozen.**

SUMMER FLOWERING BULBS

Complete cultural directions with each order. All bulbs priced postpaid.

CANNAS

Among the best of all plants for beds and borders, especially where a massed effect is desired. **Dormant roots with two to three eyes, 20c each; \$2.00 per doz., postpaid.**

GREENHOUSE GROWN PLANTS—See under Bedding Plants.

BRANDYWINE—3 to 4 ft. Bronze foliage; flowers of intense wine red dappled crimson.

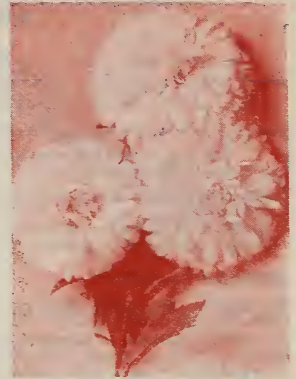
FLORENCE VAUGHAN—3 to 4 ft. Flowers golden yellow spotted red. Dark green foliage.

KING HUMBERT—4 to 5 ft. Leaves are a rich coppery bronze. Immense orange scarlet bloom.

MRS. ALFRED CONARD—3 to 4 ft. Exquisitely shaded salmon-pink flowers; green foliage.

THE PRESIDENT—3 to 4 ft. The last word in red flowering green leaved cannas.

WYOMING—5 to 6 ft. Purple-bronze foliage; orchid type flowers of beautiful orange.



Asters

DAHLIAS

The coming garden flower. Excellent for garden decoration and equally fine for cut flowers. The bulbs multiply and may be kept from year to year. We improve our list every year. **Dormant roots, priced postpaid.**

CACTUS DAHLIAS.

BRIDE'S BOUQUET—An ideal white. Profuse bloomer. **60c each.**

COUNTRESS OF LONSDALE—A dainty heliotrope, fine for cutting. **50c each.**

LIBELLE—Clear, deep rose-purple. **25c each.**

TUSTU—Velvety maroon, tightly quilled petals. **60c each.**

DECORATIVE TYPE

C. W. BRUTON—Canary yellow. Large flower. **35c each.**

F. A. WALKER—Lavender pink, very popular. **30c each.**

JUDGE ALTON PARKER—Wonderful golden-buff. A new variety and very fine. **\$1.00 each.**

MINA BURGLE—Glowing scarlet. **50c each.**

PRIDE OF CALIFORNIA—Huge crimson red flowers. A real beauty. **60c each.**

SHOW AND FANCY DAHLIAS

A. D. LIVONA—Beautiful soft pink. **30c each.**

HELEN HOLLIS—A gigantic scarlet show type. **45c each.**

MRS. BOWEN TUFTS—(Peony Type.) Enormous blooms of rosy-purple. **30c each.**

VIVIAN—White edged with rosy purple. **30c each.**

CAPITAL DAHLIA MIXTURE—A bigger and better value than ever. All types and colors including some choice named varieties. **6 for 90c; 12 for \$1.50, postpaid.**

OUR FAMOUS DAHLIA COLLECTION—**\$1.10.** One each of A. D. LIVONA, Show pink; C. W. BRUTON, Dec. Yellow; LIBELLE, Cac. Rose-purple. MINA BURGLE, Dec. Scarlet, and VIVIAN, Show White and Purple. Listed separately for \$1.60; in this collection for **\$1.10.**

GLADIOLUS

You surely should have a liberal planting of these graceful flowers in your garden this summer. They furnish excellent cut flowers and thrive in any soil. The list below includes the better varieties in the various colors. **All Bulbs Priced Postpaid. Not less than 6 at the dozen rates or 25 at the 100 rates.**



Cactus Dahlia

RED SHADES

	Each	Dozen	100
CRIMSON GLOW —Large flowers of deep scarlet crimson.....	\$.15	\$1.40	\$ 9.00
JOE COLEMAN —Rich red, very popular.....	.12	1.20	7.00
SCARLET PRINCEPS —The finest and largest crimson. Many flowers open at the same time.....	.20	1.80	12.00
ALICE TIPLADY —(Primulus type.) Striking orange saffron; very fine.....	.15	1.40	9.00

PINK SHADES

MRS. FRANK PENDLETON —Attractive salmon pink with maroon throat blotches....	.10	.90	5.00
ORANGE QUEEN —Exquisite copper-pink blooms of large size. Our leader for 1927.....	.40	4.00	
PRINCE OF WALES —Bright coral pink. A tall and sturdy grower.....	.12	1.20	7.00

BLUE AND LAVENDER VARIETIES

ANNA EBERIUS —Velvety purple, the throat shading deeper.....	.15	1.40	9.00
BARON J. HULOT —A rare dark violet color.....	.15	1.40	9.00

WHITE AND YELLOW "GLADS"

FLORA —A clear yellow of fine form.....	.12	1.20	7.00
L'MMACULEE —An excellent pure white.....	.15	1.40	9.00
SOUVENIR —(Primulinus Hybrid.) Lovely golden yellow, graceful spikes.....	.20	1.80	12.00
SPECIAL GLADIOLUS OFFER FOR \$1.40 —One bulb each of the 12 varieties listed above at \$2.01, for \$1.40.			

GLADIOLUS BULBS, (Continued)
THE BISMARCK COLLECTION

Offered for the first time last spring and proved to be very popular. Made up in small lots from choice new varieties. We know of nothing finer. A big value at **\$1.00 per dozen; 50 for \$3.25; 100 for \$6.00.**

PIONEER GLADIOLUS MIXTURE

Our biggest seller in gladiolus; wonderful range of colors and a better value than ever. **50c per dozen; 50 for \$1.90; 100 for \$3.25.**

MADEIRA VINE—Large dry bulbs. **15c each; \$1.40 per dozen, postpaid.**

WILL'S VEGETABLE PLANTS FOR THE HOME GARDEN

Direct to you from our own greenhouses. Strong stocky plants of the best early varieties for northwestern gardeners.

POTTED TOMATO PLANTS are a specialty of ours. These start bearing two to three weeks earlier than transplanted stock. Grown in three inch clay pots. Shipped in paper pots.

(SPECIAL NOTE—Vegetable plants are very perishable and we recommend express shipments.)



Will's Transplanted Cabbage Plants

	Postpaid		By Express			
	Per 12	Per 100	Per 12	Per 50	Per 100	Per 1000
CABBAGE, Transplanted, early variety ...	\$.35	\$1.80	\$.25	\$.75	\$1.25	\$9.00
CABBAGE, transplanted, late variety...	.35	1.80	.25	.75	1.25	9.00
CABBAGE, Seedlings, early.....	.25	.95	.15	.40	.60	4.75
CABBAGE, Seedlings, late.....	.25	.95	.15	.40	.60	4.75
CAULIFLOWER, Transplanted, early.....	.40	2.25	.30	1.00	1.60	
CELERY, Transplanted, Self-blanching.....	.45	3.00	.35	1.25	2.25	
EGG PLANT, Transplanted.....	.65	4.25	.50	1.75	3.25	
GROUND CHERRY, Transplanted.....	.45	3.00	.35	1.25	2.25	
PEPPER, Transplanted.....	.65	4.25	.50	1.75	3.25	
TOMATO, Potted best early variety	1.45		1.00	3.50	6.50	
TOMATO, Transplanted early.....	.45	3.00	.35	1.25	2.25	
TOMATO, Transplanted, Yellow Plum.....	.45	3.00	.35	1.25	2.25	
SWEET POTATO, Prolific Jersey.....	.35	1.80	.25	.75	1.25	9.00
MINT PLANTS, for garnishing, etc......	.35	1.80	.25	.75	1.25	

"NEPONSET" WATERPROOF PAPER FLOWERPOTS—Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard, as the paper is crescented. **3 inch size, 30c per dozen, \$2.15 per 100, postpaid. \$12.00 per 1000 by express.**

HARRIS READY-TO-USE LOCKED PLANT BANDS AND POTS

The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. The finest thing known to transplant plants of every kind. They are cheap, easy to use and very satisfactory. They come already folded and set up. All you have to do is open them, set close together in a box, fill with dirt and put in the plant. These have about twice the capacity of round pots the same size.

Bands, 2x2x2½ inches, **package of 250, \$1.50, postpaid.**

Bands, 3x3x3 inches, **package of 250, \$2.00, postpaid.**

Pots, 3x3x3 inches, **package of 250, \$2.25, postpaid.**



Paper Pots

WICKER FERNERIES—with metal liner. 30 inches long, 30 inches high. Well made. Enamelled in two-tone Ivory. **By express, \$7.00 each.**

Be Sure to Send for WILL'S FALL BULB AND PERENNIAL LIST
Issued August 15th

BISMARCK NURSERY—WILL'S PIONEER NURSERY

Oldest Nursery In North Dakota

Member American Association of Nurserymen



View in Our Nursery

NOTICE TO CUSTOMERS: READ CAREFULLY—We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

REPLACEMENT—If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

TREES BY MAIL—We can ship parcels up to 70 pounds in first and second zones, and up to 50 pounds in all other zones. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

REFERRING TO ORDERS—When writing to us about your nursery stock, ALWAYS give your order number and state whether goods were to be shipped by express, freight or mail.

FALL PLANTING—Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special **Fall Price List**. Can also supply trees, shrubs, etc., at current catalog prices in fall.

PLANTING INSTRUCTIONS—Complete planting instructions will be enclosed with each order of nursery stock when shipped.

SHIPPING—Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship.

CANADIAN ORDERS must go by freight or express, and must be received by us before May first.

ORDER EARLY—January and February orders and up to **March 15th**, receive better attention, get the best stock and are shipped early.

VISITORS WELCOME—We are always glad to conduct you personally through our nurseries and orchard. Call at office on Fourth Street, or go south on Seventh Street, which will bring you into the nurseries.

CERTIFICATE OF EXAMINATION—Our nurseries are inspected annually by the State Horticulturist and certificate accompanies each order.

HOME GROUNDS—For four cents in stamps (to cover postage) we will send you this illustrated 32-page booklet. **FREE OF CHARGE**. It covers the planting problems, both fruit and ornamental, that confront the prospective tree planter. Ask for it.

AMATEUR LANDSCAPE GARDENING—This is an exceedingly valuable work for the home, treating of methods and arrangements in landscape work for the small house with restricted grounds. **Price, 35c, postpaid.**

We have No Agents. For forty-four years we have sold nursery stock through our catalog and during that period have never employed a nursery agent.

Special Nursery Premium. With every fifteen dollar order for nursery stock we offer free one year's membership in the North Dakota Horticultural Society. This includes receipt of the monthly bulletin, and free plant premiums.



Perfection

CURRENTS

PERFECTION—Greatest of all currants. The only small fruit ever awarded the Gold Medal of the Western New York Horticultural Society. A cross of Fay's Prolific and the White Grape Currant; it combines the large size and rich color of the Fay with the good quality and productiveness of the White Grape. The berries are rich, mild sub-acid and few seeded. It is the most profitable currant, and the easiest to pick. **Prices: each, 20c; doz., \$2.00; by mail, each, 25c; doz., \$2.25.**

CHERRY CURRANT—An old standard variety. The growth is strong, stout and erect. The fruit is of large size, deep-red and rather acid. Very productive. **By express, doz., \$1.75; by mail, \$2.00.**

WHITE GRAPE—The best variety of white currants. The bushes are thrifty and productive, bearing large, white currants of the very sweetest flavor. **By express, dozen \$1.75; by mail, \$2.00.**

NATIVE BLACK—(*Ribes Floridum*). We have a limited supply of transplanted stock, nursery grown from seed, of this kind, which can be used for fruiting or ornamental purposes. The fruits are large, sweet, and make excellent jelly. **Each, stockv, 20c; dozen, \$2.00. By mail, each, 25c; doz. \$2.25.**

CREEPERS AND VINES

Note Also Wild Grapes on Page 81

CHINESE MATRIMONY VINE

—Useful both as a vine or shrub. Not a good climber, but excellent to trail on walls, terraces, etc. A fast growing woody plant with drooping or trailing branches. Has lavender blossoms

early and good sized ornamental red fruit which persists into winter. **Each, 15c; 10, \$1.00; postpaid, each, 20c; 10, \$1.25.**

NATIVE HOP VINE—This vine is very similar in appearance to the cultivated sort but is hardier. A perennial root with new growth each year, which attains a length of 16 ft. or more. A handsome, thick-growing vine that will thrive in almost any soil and under any condition. **Each, 20c; 10, \$1.75. Postpaid, each, 25c.**

CLEMATIS or VIRGIN'S BOWER—With its star like white flowers and feathery seed heads this native is one of the handsomest of all climbers. It attains a new growth of 8 to 10 feet each year, but part of the old growth dies off. Excellent both for trellises and porches. **Each 20c; 10, \$1.75; postpaid each, 25c.**



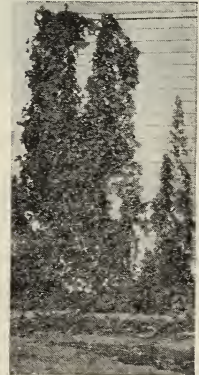
Virginia Creeper

VIRGINIA CREEPER or WOODBINE

—Also called five leaved ivy. One of the most popular and most valuable vines with handsome foliage, and blue berries in the late summer. The deep red which it takes on in the fall is especially striking. **Each, 20c; 10, \$1.75; postpaid each, 25c.**

ENGLEMAN'S CREEPER — (*Amp. Englemanni*). A type of Virginia creeper, but having shorter joints, and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. **Each, 25c; 10, \$2.25. Postpaid, each, 30c.**

BITTERSWEET—(*Celastrus scandens*.) A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in autumn. The leaves are dense and glossy. **Each, 25c; 10, \$2.00. Postpaid, each, 30c.**



Native Hop Vine



White Clematis

HARDY EVERGREENS

ONLY NATIVES OF THE NORTHWEST AND EXTRA HARDY SPECIES

By Express or Freight Only



N. D. Bull Pine

The following varieties, (all bushy specimen plants) will be sent, balled and burlapped or placed in baskets. On account of high express rates on uncrated trees, we advise when ordering, to have trees sent "balled and burlapped." When wanted in baskets however, kindly specify. Where 10 or more plants are ordered, we can ball and burlap, box and send by freight.

N. D. BULL PINE—(*Pinus scopulorum*.) This is a native pine of the North Dakota Bad Lands, and the acme of hardiness. It makes a handsome, stocky tree, beautiful the year around with its long dark green needles. We have a limited number of the specimen trees to which we call your attention. **12-18 in. size, \$1.00 each; 18-24 in., \$1.75; 2-3 ft., \$2.50.**

BLACK HILLS SPRUCE—This is a sub-variety of the White Spruce, but is much hardier. It has been growing in the Black Hills since glacial days and there is nothing in the way of blizzards, hot winds, drought and the like that it had not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the easiest to transplant. **Price: each, 12 to 18 inches, \$1.00, for nursery grown, transplanted stock.**

SELECTED COLORADO BLUE SPRUCE—(*Picea pungens*.) An elegant Colorado species with long leathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. **12-18 in., \$3.00; 18-24 in., \$5.00.**

BAD LANDS CEDAR—This is the North Dakota type of red cedar and our specimens come direct from the Little Missouri Bad Lands to our nursery where they are grown to proper size. They are a most difficult tree to propagate but are the hardiest of all evergreens, very beautiful, and most satisfactory in every particular. **Size 12 to 18 in., each, \$1.75.**

BLACK HILLS SPRUCE SEEDLINGS—Mail or Express. This is the only variety of Evergreen seedlings which we feel can be offered our customers with safety, as this is the hardiest of all the Evergreens and we are positive that these will give the highest degree of satisfaction. We have bought a supply of seedlings again this year, ready for spring shipment. Seedlings come 100 per bunch so do not order less, as we positively will not break bunches. **Package of 100, by express, 4-6 inch, \$3.00; postpaid, \$3.30.**

HARDY SHADE AND ORNAMENTAL TREES

Tree Prices by Express. Smaller sizes may be ordered by mail if desired and we shall forward C. O. D. to cover postage as the weight is hard to estimate.

Our list of trees is hardy for the Northwest but for farm planting and dry conditions it is wise to stick to the old standbys, cottonwood, boxelder and ash, with a few of the introduced sorts of tested value such as Siberian Pea or Caragana and Russian Olive. With these may be safely mixed Buffalo Berry and Diamond Willow.

COTTONWOOD—(*Populus deltoides*.) The cottonwood is the foundation of prairie tree culture in the North west and has furnished the backbone for all the many groves which dot our state. The most rapid grower and the freest from disease of any of the poplar family, their popularity continues to increase. We have been headquarters for this tree for 44 years.

In a recent bulletin, "The Growth and Returns and Uses of Planted Cottonwoods in Iowa," G. B. McDonald at Ames College, says:

"The merits of the common cottonwood tree as a producer of lumber, posts and fuel have not been fully appreciated. The tree is one of the most rapid in growth, and the need of using it will be realized more as we are forced to grow our own supply of timber."



Cottonwood Grove of H. T. Draw, Suffolk, Mont., 10-20 in. trees bought in 1920.

PRICES OF COTTONWOODS

COLLECTED SEEDLINGS

	100	500	1000
6-10 inch.....	\$0.50	\$1.75	\$3.00
10-20 inch.....	.75	2.50	4.50
20-30 inch.....	1.00	3.50	6.00

NURSERY-GROWN TRANSPLANTED

	Each	10	100
3-4 ft.....	.10	\$0.75	\$6.00
4-6 ft.....	.15	1.25	10.00
6-8 ft.....	.20	1.85	17.00
8-10 ft.....	.30	2.50	20.00

BOX ELDER or MANITOBA MAPLE—The only representative of the maple family native to our state, and an old favorite for street and yard planting, and to thicken up a windbreak. Hardy, long-lived, and if carefully trimmed it will make a very symmetrical shade tree as will appear from our illustration, a tree growing near Bismarck.



Boxelder

5 at 10 rates. 50 at 100 rates.

	Each	10	100	500	1000
6-12 inches.....			\$0.75	\$3.50	\$6.00
12-18 inches.....			1.00	4.50	8.00
18-24 inches.....			1.50	5.50	10.00
3- 4 feet.....		\$1.00	7.00	32.00	60.00
4- 6 feet.....		1.25	10.00		
6- 8 feet.....	\$0.25	2.25	20.00		
8-10 feet.....	.40	3.50	30.00		

GREEN ASH—(*Fraxinus lanceolata* or *viridis*.) The Green Ash is a native of North Dakota and is absolutely hardy against drought, heat or cold. This tree will grow on dry and alkaline soils and could rightly be termed "insect and disease proof." We offer our customers more unusually good stock, as our Ash are well rooted, have made a good growth last summer, and are very stocky. Try our transplanted trees for quick effect.

	100	500	1000
6-12 inches.....	\$0.50	\$2.00	\$3.50
12-18 inches.....	.75	3.50	6.50
	Each	10	100
3-4 feet.....	\$0.20	\$1.80	\$15.00
4-6 feet.....	.25	2.00	18.00
6-8 feet.....	.35	3.00	25.00

AMERICAN ELM—(*Ulmus americana*.) The elm is perhaps the most beautiful shade tree that can be grown. Our hardy native home grown stock is the finest that you can get and perfectly adapted to the Northwest in locations where it can receive a fair supply of moisture. 4-6 ft., each, 40c; 10, \$3.50. 6-8 ft., each, 60c; 10, \$5.00. Seedlings, 12-18 in., per 100, \$2.00; 500, \$9.00; 1000, \$16.00.



American Elm

CHINESE OR SIBERIAN ELM—(*Ulmus pumila*.) A new elm of recent introduction, of symmetrical and very rapid growth. Very drought resistant, making tremendous increase in size in very dry years. Apparently winter hardy except in the most severe seasons when there may be some killing back. Of especial value in mixed and general planting. Not particularly adapted for specimen planting on lawn or boulevard as it is not so graceful as the native elm. 4 to 5 ft. size, strong, each 75c; 10 for \$7.00. 3-4 ft. each, 50c; 5 for \$2.00.

NORTHWEST POPLAR—A hardy, drought resistant poplar, native in parts of North Dakota and Manitoba. It is a handsome, fairly fast growing tree, very useful as an ornamental in addition to its value in windbreak and shelter belt planting. Perhaps the most drought resistant of any of the poplars, in appearance it is intermediate between the cottonwood and Balm of Gilead. 2-4 ft., each, 20c; 10, \$1.50; 50, \$7.00; 100, \$12.00. 4-6 ft. strong, each, 30c; 10, \$2.75; 50, \$13.00; 100, \$25.00.

BALM OF GILEAD or BALSAM POPLAR—This is an old favorite of the poplar family, perfectly hardy, with a broad spread of top, making a fine shade tree. Noticeable for the aromatic odor which it gives off. 3-5 ft., each, 35c; 10, \$3.00.

SILVER-LEAVED POPLAR. A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark, glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 4 to 6 ft. trees. Each, 40c; 10, \$3.50.



Northwest Poplars



Diamond Willow Fence Post

DIAMOND WILLOW—Our best native willow and one of our most valuable trees. Produces in five or six years of growth fence posts of hard wood which will outlast the best posts of white cedar. Also by far the best firewood that can be found in the state. Easily grown. **Seedlings, per 100, 75c; 500, \$2.75; 1000, \$5.00; Cuttings, per 1000, \$2.50.**

WILLOW—Golden Russian—The best known of the Russian willows. The bark is a handsome yellow all year around. Valuable in windbreaks and can also be trained into tree form. **2-3 ft., doz., 30c; 100, \$2.25; 1000, \$20.00.**

WILLOW—White English. This seems to be the hardest of the fast growing willows, and the most drouth resistant. A handsome tree with green leaves somewhat silvery on the under side, and green bark. A very rapid grower and suitable for windbreak and shelter where the location is not too high and dry. Especially valuable to screen the back yard and produce a quick background for the house. **2 to 3 ft., doz., 40c; 100, \$2.75; 1000, \$25.00.**

WILLOW—Laurel-Leaved. A handsome ornamental tree, with large, shiny, laurel-like leaves. Its bark stands out dark green in winter and it is a very beautiful specimen in all seasons. We consider this the best variety of the willow family, both ornamentally and for its value in windbreaks. **1-2 ft. size, doz., 50c; 100, \$3.50; 1000, \$30.00.**

WILLOW—Niobe Weeping. Originally from Siberia. This is a hardy, golden-barked willow of weeping habit. The tree is a good grower, with long, delicate, pendulous branches which nearly reach the ground. As any weeping trees may be injured by very high winds, we advise planting in partially sheltered places such as the south side of a house. **4-5 ft. trees, each, 40c; 10, \$3.50.**



White English Willows

BIRD OR PIN CHERRY—(*Prunus pennsylvanica*.) A native of the state which makes a very handsome small tree or large shrub, bears a small tart cherry in profusion, which is valuable for the making of jelly and preserves. **3-4 ft., each, 40c; 10, \$3.50.**



Ginnala Maple

LINDEN or BASSWOOD—(*Tilia americana*.) This is a handsome lawn and shade tree, pyramidal in form, with large, bright green leaves. A native of eastern North Dakota and therefore very hardy. **Each, \$2.00.**

CUT-LEAVED WEEPING BIRCH—(*Betula l. p.*) This beautiful tree, which is becoming very scarce on account of the difficulty of propagating it, is undoubtedly the handsomest of all hardy lawn trees. Our stock is northern grown and hardy, but slender. **3-5 ft., each, \$2.50; per 10, \$22.00.**

GINNALA or AMUR MAPLE—This is a very hardy, small maple from Siberia especially noteworthy on account of its beauty of shape and foliage and the glowing colors which it takes on in the fall. Attains a height of 20 to 30 feet, is absolutely hardy and very ornamental. **2-3 ft., each, 25c; 10, \$2.00.**

EUROPEAN MOUNTAIN ASH or ROANTREE—(*Sorbus aucuparia*.) A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. **5-6 ft., each, 60c; per 10, \$6.00.**

HORSERADISH ROOTS

BOHEMIAN—A particularly large and smooth-rooted variety of strong flavor. **Postpaid, doz., 30c; by express, doz., 25c.**

COMMON—The old-fashioned sort. **Postpaid, dozen, 25c; by express, dozen, 20c.**

Your shipment of nursery stock and seedling spruce came through all right and am very much pleased with them.—Edward S. Lee, 1568 So. Clayton St., Denver, Colo.

HARDY RASPBERRIES

SUNBEAM RED—This hardy raspberry, originated by Prof. Hansen has to date proved the hardiest and most satisfactory variety for the Northwest in all of our trials. It winterkills less, and bears more with us than any other sort. Besides being productive the fruit is of good quality, and the bearing season is long, some fruit being borne on the new wood. For ordinary farm conditions it is by far the safest to plant. **Price, doz., 40c; 50, \$1.60; 100, \$3.00. By mail, doz., 50c; 100, \$3.50.**

OHTA RED—Like the Sunbeam this variety was originated by Prof. Hansen of Brookings, S. D., who, in his endeavors to produce a berry better than the Sunbeam, was finally rewarded by this cross which he called Ohta. This variety might be termed an everbearer, as it bears from July until fall. **Prices: doz., 70c; 50, \$2.50; 100, \$4.50. Mail, 12, 80c; 100, \$5.00.**

PEERLESS CLIMBING RED—This variety was originated by Mr. John Millet, and is a very rapid grower, so much so that it may be trained up in vine shape where room is limited. It produces a fine large berry of unusually good flavor, and bears well on the second growth. Not as generally hardy as Sunbeam but an excellent sort for good soil and in locations that are somewhat sheltered. Fruit is the largest of any sort that we list. **Price, doz., 40c; 50, \$1.50; 100, \$3.00; by mail, doz., 50c; 50, \$1.90; 100, \$3.50.**

LATHAM RED—This berry is undoubtedly the finest that has been introduced for some years in localities where it is hardy. There are many places in North Dakota and the other Northwestern states where it succeeds but in general it is not hardy in the Great Plains type of environment. Probably the best commercial berry grown. **Price, doz., 75c; 50, \$2.25; 100, \$4.25. By mail, doz., 85c; 50, \$2.40; 100, \$4.50.**

TYE BLACK—The only hardy Black Raspberry in the Northwest. Found growing wild in the Square Buttes of this state by Mr. O. A. Tye and brought under cultivation. Makes a strong, stocky growth. Berries are medium-sized, firm and hang in clusters. Plant not more than 12 inches below surface of soil. **Each, 20c; doz., \$2.00; 100, \$15.00; by mail, each, 25c; doz., \$2.25.**



Tye Black Raspberry

HAZELNUT—(*Corylus americana*). This native, found in many parts of the state and in Minn., grows in shrub or bush form, attaining a height of from four to six feet. The nuts hang on in clusters and can be picked when fairly green. Very good to eat. They generally bear heavy crops year after year. **Each, 3-4 feet, 25c; per 10, \$2.00.**

BLACKBERRIES

ELDORADO—The most valuable variety for our northern climate. It requires covering in winter. The plants are vigorous, and their yield is enormous. The berries are large, jet-black, borne in large clusters and ripen well together. They are sweet and delicious and keep well after picking. **Dozen, 80c, postpaid. By express, dozen, 70c; 50, \$3.00; 100, \$5.00.**

GOOSEBERRIES

HOUGHTON—An enormously productive, reliable old variety. The fruit is smooth, pale-red, tender and well flavored. Of vigorous growth, slender and spreading; it is not subject to mildew. Strong 1 year plants, **per 12, \$1.50. By mail, per 12, \$1.75.**

NATIVE WILD GOOSEBERRY.—The wild gooseberry is of value both as a fruit and ornamental. It produces a very considerable quantity of excellent fruit which is only a little smaller than the tame sorts. It is a handsome ornamental, being the very first thing to leaf out in the spring when the vivid green of its new leaves gives the first seasonal touch to the shrubby clumps and among the last to go in the fall at which times it becomes a handsome reddish bronze. **Each, 25c; doz. \$2.00; postpaid, each, 30c; doz., \$2.25.**



Houghton



Sunbeam Red Raspberries



HARDY APPLE AND CRAB APPLE TREES

Budded on Siberian Wild Crab or *Pyrus baccata* Roots

More than ten years of success at the U. S. Great Plains Experiment Station at Mandan has demonstrated that both apples and plums may be raised under the climatic conditions of the western prairies if they are grown in bush form on hardy roots. **We were the first to recognize that hardy stocks and low heading trees must be used and the first to grow and offer them.**

LARGE APPLES—The Latest and Best Varieties from the Fruit Breeding Stations

ANOKA—The test of years is proving the Anoka to be the most important apple introduction for the Great Plains that has yet come from the laboratory of the Northwest's Burbank, Prof. N. E. Hansen. It bears often the second year from planting, carries large crops every year, is a sturdy, handsome and exceedingly hardy tree. The fruit is of fine flavor, early, resembling the Duchess in many ways. The very best for the home place under plains conditions. **Each, 75c; 5, \$3.50.**



Anoka Apple

RED WING—One of the new Minnesota Fruit Breeding Station varieties which we are very fortunate in being able to offer this year, on specially hardy root stocks. A very hardy and blight-free sort, has lived some twelve years and borne in Manitoba. Of sturdy habit and handsome appearance. Fruit is medium to large in size, of wonderful keeping qualities, so that it fills the long felt want in the Northwest of an entirely hardy winter apple of good quality. Fruit hangs to tree well, is beautiful in appearance, with firm, fine-grained, juicy flesh. **Each, 60c; 5, \$2.75.**

DUCHESS—August to September. A standard early commercial variety and the best known of all the Russian apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy. **Each, 35c; 5, \$3.50.**

HARALSON—A Real Winter Apple. This new sort is another one of the triumphs of the Minnesota Fruit Breeding Station. A strong upright tree, resistant to fire blight, bears early and yet the fruit keeps until long into the spring in perfect condition. Bears a good crop of large, handsome red apples. **Each, 75c; 5, \$3.50.**

WEALTHY—October to January. This variety is beyond doubt the most popular sort throughout the Northwest. A hardy upright grower and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid, white tinged with red. A fine eating apple and one that keeps well in storage. **Each, 35c; 10, \$3.00.**

HIBERNAL—October to December. The hardest type of the Russian family. A spreading grower and an early, regular bearer. The fruit is large and yellow in color, with dull, bronze-red on the sunny side. Excellent for cooking and the best for drying purposes, but tart for eating until ripe. **Each, 35c; 10, \$3.00.**

PATTEN'S GREENING—February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-around varieties for the Northwest. A good eating and cooking apple. **Each, 35c; 10, \$3.00.**



Haralson

The fine fruit trees have arrived, and we are fully satisfied with them and shall order more in the spring time—Emil Mortenson, River, Minn.

HARDY AND PROLIFIC CRAB APPLES

DOLGO CRAB—Another valuable product of Prof. Hansen's work. A strikingly beautiful tree, sturdy, upright, with handsome foliage. Bears heavily and the fruit of medium size is of excellent flavor, and of a wonderfully handsome brilliant red color. Both as an ornamental and for the **large quantity** and **fine quality of fruit** the DOLGO ranks high, and in addition it possesses ironclad qualities of hardiness. **Each, 75c; 5, \$3.25.**

PYRUS BACCATA—The Siberian cherry apple. This is a handsome ornamental, the original Siberian wild crab, and produces heavy crops of a small, cherry-sized apple which is unusually satisfactory for making jelly. This variety is the hardiest of the apple family and is the one which is largely used by us as a root stock for our other varieties. **Each, 30c; 10, \$2.75.**

WHITNEY CRAB—August to September. A hardy, thrifty, upright grower. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for cider. **Each, 35c; 10, \$3.00.**

HYSLOP CRAB—September to November. A small, late, dark-red crab. It is very hardy, a good yielder and one of the most popular varieties. **Each, 35c; 10, \$3.00.**

NOCALYX LARGE CRAB—This is another of Prof. Hansen's productions and has shown unusual promise at our nursery trials for the past three years, bearing immense quantities of unusual flavored fruit which ripens about the 20th of August. The apples are fully as large with us as the average Whitney. **Each, 50c; 10, \$4.00.**

SIBERIAN CRAB—This is one of the very hardiest of the crab family being a cultivated selection from the wild crab of Siberia. The fruit is small, tart, and juicy, ripens in mid-August and yields very heavily. The tree is of handsome shape and reaches considerable size, one of ours being 30 ft. tall with a trunk a foot or more in diameter. **Each, 40c; 10, \$3.75.**



Dolgo Crab

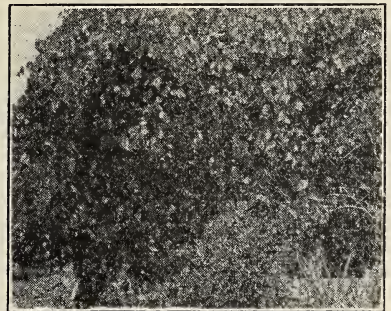
PIONEER APPLE AND CRAB COLLECTION

We offer this special apple collection consisting of ironclad and high quality varieties, including several of the very best recent productions as follows: 1 ANOKA, 1 RED WING, 1 Wealthy, 1 Whitney crab, 1 DOLGO CRAB.

Total value, \$2.80. **Price for the five, \$2.25.**

GRAPE VINES

NATIVE WILD GRAPE—(*Vitis riparia*.) This is one of the most satisfactory wild fruits for cultivation. The small arbor in the illustration planted with about a dozen vines produced several bushels of grapes in spite of a hail storm. The fruit is unsurpassed for jelly, jams, and grape juice, and the plant is one of the easiest to grow. **3 year plants, each 15c; 10, \$1.25. Add 5c per plant or 20c for ten if postpaid.**



Native Grape Arbor



Beta Grapes

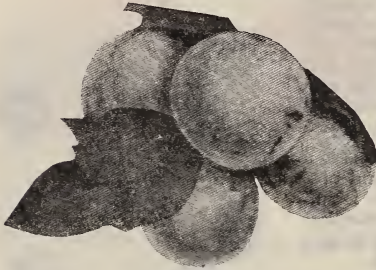
BETA GRAPE—It has been tested over the whole Northwest and is giving satisfaction wherever grown. In exposed locations and under dry conditions it is not advisable to plant it, but with plenty of moisture, in good soil and with some shelter it does remarkably well. When the location is doubtful we advise winter covering. The berries are blue-black, of medium size, with a pleasant aromatic flavor; they ripen about the last of August. **Strong plants, each 25c; doz., \$2.50. Postpaid, each, 30c; doz., \$2.85.**

ALPHA—This is the new hardy grape which is proving equal even to the Beta. In North Dakota experiments it is harder than Beta, and the quality is perhaps somewhat better. It appears to be a cross between the wild and Concord grape. It resembles the latter except that it is a trifle smaller, but it is the largest of the extra hardy grapes. **Each, 30c; doz., \$3.00. Postpaid, each, 35c; doz., \$3.35.**

PLUMS AND PLUM-CHERRY HYBRIDS

The Latest Hardy, High Class Varieties for the Northwest

TRUE PLUMS



Underwood

RADISSON—This exceptionally early and delicious plum from the Minnesota Fruit Breeding Station once again has shown itself to be one of the hardest and most satisfactory for the Northwest. The size is fairly large and the quality is unsurpassed. Fruit is a handsome red. **Each, 75c; five for \$3.50.**

UNDERWOOD—This is one of the hardiest of the new Minnesota Fruit Breeding Station varieties and has proven perfectly hardy with us. These varieties in flavor are the equal of any of the Japanese plums, are larger than any of the Americana type, and are thrifty and strong varieties which bear annually. The Underwood is an excellent keeper and the earliest plum in the list. Fruit is large, dark red, and sweet. Ripens in mid-season. **Each, 75c; 5, \$3.50.**

RED WING—This is one of the largest fruited plums or the new introductions from the Minnesota State Fruit Breeding Station, which means that it is as large as the regular commercial plums. It has proven hardy over most of our state. Fruit is large, firm, yellow overlaid with red in color, flesh sweet and of good quality; free stone. Mid-season bearer. **Each, 70c; 5 for \$3.25.**

WANETA—This is the largest of Professor Hansen's hybrid plums, being a cross similar to the Underwood. It has proven perfectly hardy at the U. S. Station at Mandan, is a heavy bearer, and produces the largest fruit of any hardy plum. Fruit is of good quality, ripens in mid-season and is of excellent flavor. Fine healthy **3 to 5 ft. trees, each, 75c; 5 for \$3.50.**

CREE—The Cree is one of Professor Hansen's originations and assuredly one of the best. It has been carefully tested here and at the Mandan Station and has proven absolutely hardy and of wonderful quality. It is one of the largest sized plums of the North, the fruit being bright red, skin thin, ripening in the latter part of August. It is a cross between the Prunus Nigra of Manitoba and the Shiro plum. **Each, 60c; 5 for \$2.75.**

NATIVE WILD PLUM—Ironclad as to hardiness, useful in windbreak and shelter belt planting, and very valuable for its certain crop of fruit which makes delicious sauce, jam and jelly. Prices low, as they can be raised without budding or grafting. **4 to 5 ft., each, 25c; 10, \$2.00.**



Opata Hybrid

HANSEN HYBRIDS

These varieties are crosses between the native sandcherry and the Japanese and Americana plums and are perhaps the most satisfactory of all fruits for the northern plains. They bear tremendously, starting the year after they are planted. Should be grown only in bush form for best results. They were originated by Professor Hansen of the S. D. Station, who has produced so many valuable horticultural additions to our planting lists. **3-5 ft., each, 50c; 5 for \$2.25. For all varieties.**

OPATA—A cross between the sandcherry and Gold plum. Tree is a very vigorous grower and should be allowed to head out very low. Fruit is dark purplish-red with blue bloom, flesh green and firm with very pleasant flavor. We consider this the best and the hardiest of the Hansen hybrids.

SAPA—Cross between the sandcherry and a Japanese plum. Heads low like the Opata. Fruit has glossy dark purple skin and rich dark purple-red flesh. Excellent for canning.

CHERESOTA—This is a rapid grower, fruit resembling the Opata, but ripening much later, giving with the former a long period of ripe fruit. Bears as heavily as the other sorts, and has the same delicious flavor.



Waneta

ASSORTED PLUM COLLECTION

Plum trees and most plum varieties are not self fertile. For fruit, therefore, it is almost necessary to plant several varieties. We offer one each **RADISSON, WANETA, WILD, OPATA and SAPA—Total value \$2.75—all for \$2.25.**

For the Best Lawn and Garden Seeds.
Use the products of WILL'S PIONEER SEED HOUSE.

CHERRIES



Western Choke Cherry

COMPASS—The tree is perfectly hardy, even in the far North, and seems especially adapted to the Western prairies, where it is very free from disease, and remarkably exempt from insect enemies and the depredations of birds. It frequently bears the same year as it is set, and is quite certain to bear a good crop annually thereafter. The fruit which resembles a small bright red plum, is of pleasant acidity as eaten out of the hand and when cooked or canned makes a remarkably fine rich flavored sauce. **Price, each 3-5 feet, \$0.50; per 10, \$4.50.**

ZUMBRA—This is an entirely new type of cherry which promises to be of great value. It has been thoroughly tested for hardiness and seems to be fully as hardy as the Compass. It is a production of the Minnesota State Fruit Breeding Farm, and is supposed to be a cross between the sweet cherry, the pin cherry and sand cherry. Fruit is very dark, flesh greenish, freestone, quality very good. Excellent for preserves. **Each, 2-3 ft., 65c; 5 for \$3.00.**

ST. ANTHONY—This is a Minnesota Fruit Station production similar to the Zumbra in many ways. It is a trifle larger than Zumbra and has a dark red flesh where that has green flesh. Ripens in late August. **Each, 70c; 5 for \$3.25.**

TOM THUMB—Another production of Prof. Hansen and one which is meeting with unusual favor in Canada. It is a cherry growing on a bush and may be planted like currants and gooseberries. Begins to bear the second year and produces tremendous crops of cherries about the size of Compass but black in color and with dark red flesh like the Sapa. **Each, 65c; 5 for \$3.00.**



Zumbra Cherry

WESTERN CHOKECHERRY—(*prunus melanocarpa*.) This is a larger and sweeter cherry than the eastern variety and is exceedingly satisfactory for jelly and sauce being perhaps the most delicious for that purpose of any of our western fruit. Also valuable in shelter belt and windbreak planting, and a handsome ornamental. **3-4 ft., each, 20; 10, \$1.75; 4-6 ft., each, 20c; 10, \$1.75; 6-8 ft., each, 25c; 10, \$2.00.**

SAND CHERRY OR ROCKY MOUNTAIN CHERRY. This is a native bush cherry; wonderfully productive and very hardy. This fruit is nearly the size of a tame cherry and when dead ripe, of pleasant taste. Very fine for jams and jellies. **Each, 25c; \$2.00 per 10.**

STRAWBERRIES

We are pricing strawberry plants this year only at prepaid prices. All orders for them will be shipped by themselves, as we cannot usually start shipping till near May first and the plants are liable to damage if packed in with other goods.

Prices.....	25	50	100	1000
Progressive.....	\$0.65	1.25	2.00	18.00
Senator Dunlap.....	0.35	.60	1.00	9.00



Western Sand Cherry

PROGRESSIVE EVERBEARING—(Perfect Flowering.) After several years of testing out, this variety holds first place among the Everbearing kinds for the Northwest section. It is very hardy and highly productive and we recommend this kind for all ordinary purposes, either for the Farmer who wants to set out 500 or 1,000 plants or for the City dweller who is content with 25 or 50 plants. Keep blossoms picked off during spring when plants are set out. This insures a good crop for Fall.

SEN. DUNLAP—June Bearing (Perfect Flowering.) This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper, and the very best sort for canning. It ripens early but continues one month in bearing. Absolutely hardy throughout the Northwest, it yields a good crop in spite of drought and neglect.

FLOWERING AND ORNAMENTAL SHRUBS



A Beautiful Planting of Shrubs and Perennials in Bismarck—Home of Mr. C. L. Young.

PLANT WILL'S PROVEN HARDY SHRUBS FOR RESULTS

Prices quoted are by express or freight. 5 at 10 rates.

Mail Prices—Where shrubs are desired by mail, add 10c per plant to price quoted for that variety. All shrubs sent by mail are of small size, and will be cut back ready for setting out before shipping.

In addition to the shrubs listed on the next two pages, we call attention to those listed under hedge plants which are also of great value for shrubby plantings; also items listed under small fruit such as native Gooseberry, Chokecherry, Sandcherry and Wild Plum.

BLACK HAW or SHEEP BERRY—(*Viburnum lentago*). Another handsome native viburnum which attains a height of six to ten feet. Bears white flowers in flat clusters followed by blue black berries which remain on through the winter. Thick, glossy leaves which take on beautiful colors and shades in the autumn. **2 to 3 ft., each, 35c; 10, \$2.75.**

HIGH BUSH CRANBERRY or PEMBINA BUSH—(*Viburnum americana*). A native shrub, flourishing on all but the driest soils. The leaves are a glossy green and always free from insects. It is valued for its beautiful foliage and early white flowers, but mostly for its big clusters of red berries in the fall. Our native relative of the Snowball which it resembles in appearance. **Each, 60c; 10, \$5.00.**



Sumac

HAWTHORN, THORNAPPLE or RED HAW—(*Crataegus*). A shrub or small thorny tree, a hardy native, which is a mass of white flowers in spring and after July is covered with large red berries of a beautiful shade which hang till late in the fall unless eaten by the birds. It is difficult to transplant unless the stock has been transplanted from seed in the nursery as has ours. **Thrifty specimens, 12-18 in., each, 40c; 10, \$3.00.**

SUMAC, SMOOTH—(*Rhus glabra*). Another very hardy and handsome shrub, native in the eastern part of our state. The handsome much divided leaves turn a brilliant crimson in the fall, and the peculiar fruit takes on a crimson hue in August. Is also beautiful at blossom time. Heavy plants. **Each, 25c; 10, \$2.00.**

AROMATIC SUMAC—Native of the Bad Lands and very hardy. A handsome shrub whose maximum height is 4 to 5 ft. Has a handsome thick leaf which takes on fine color in the fall. It also bears small, bright red berries. The foliage has a strong scent resembling that of the rose geranium. **Each, 40c; 10, \$3.50.**

BUFFALO or YELLOW FLOWERING CURRANT—(*Ribes aureum*) One of the very hardiest and best shrubs for the Northwest, a native of our Little Missouri Bad Lands. In early May it is covered with very fragrant and handsome yellow flowers which are succeeded by a large black fruit that makes excellent jelly or jam, and is exceedingly ornamental as well. Foliage takes on bright shades in the fall. **2 to 3 feet each, 25c; 10, \$2.25.**



Buffalo Currant

JUNEBERRY or SASKATOON—(*Amelanchier canadensis*.) A native of this state, attaining a height of 6 to 8 feet, bearing white flowers very early in the spring and producing a large number of edible berries which are very ornamental. **Nursery grown, 2-3 ft., each, 30c; 10, \$2.75.**

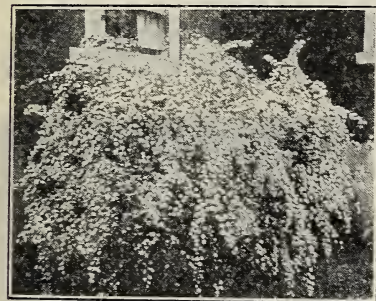
CISTINA PURPLE LEAVED SANDCHERRY—This is a very attractive shrub, the foliage being a rich purple all through the season. Very valuable as a plant to add color to the ordinary shrubby clump. **18 to 24 in., each, 50c; 10, \$4.50.**

HOPA RED FLOWERING CRAB—This is one of Prof. Hansen's productions, and a most beautiful ornamental. It will attain the height of a small tree in time. In May it is a mass of dark **crimson blossoms**, the foliage has a distinct reddish tinge and the small fruits have the same handsome crimson color and are borne in profusion. **Each, 60c; 5 for \$2.75.**

MAY DAY BUSH—(*Prunus mackii*.) A handsome Siberian shrub resembling our choke-cherry but blooming much earlier. In fact its leaves and blossoms are about the earliest thing to appear in the spring. Flowers in elongated clusters and very fragrant. In blossom the tree is a mass of feathery white plumes. **3-4 ft. transplanted, each, 30c; 10, \$2.50.**



May Day Bush



Van Houtte Spirea

SPIREA—Arguta. A beautiful hardy spirea which has given excellent results at the Great Plains Station at Mandan. The earliest of the spireas, blooming before Van Houtte, flowers in massed umbels, color white. **18-24 in., each, 45c; 10, \$4.00.**

SPIREA—Van Houtte or Bridal Wreath—This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed among its drooping branches. It is excellent as a specimen plant or for use in shrubbery cluster. **18-24 in., each, 30c; 10, \$2.75; 2-3 ft., each 40c; 10, \$3.75.**

SPIREA—Froebelli. This is a spirea of the bumalda type but somewhat larger than Anthony Waterer and in our opinion better adapted to more severe conditions. Flowers are a handsome pinkish red a trifle lighter than the Waterer. Blooms on new wood and remains in flower for a long period. **12-18 in., each, 35c; 10, \$3.00.**

SPIREA—Callosa alba. Like the A. Waterer, this is a dwarf, growing to a height of 24 in. The large flat clusters of white flowers bloom nearly all summer. Very attractive. **Each, 50c; 10, \$4.25.**

SPIREA—Opulifolia (Ninebark). A very hardy and handsome shrub attaining a height of 4 to 5 ft., bears flat clusters of handsome white flowers in early July and these turn to red seed containers which add to the appearance of the shrub during most of the summer. **2-3 ft., each, 30c; 10, \$2.75.**

SPIREA—Billardi. A hardy, vigorous growing shrub with flowers in terminal rose-colored and white spikes blooming from mid-summer until frost. Grows to a height of from 5 to 7 feet. **Each, 30c; 10, \$2.50.**

SPIREA—Alba or Salicifolia—This is a hardy native and the only native spirea in North Dakota. Resembles very closely the BILLARDI except that the blossoms are always white and the growth is a trifle more delicate and smaller. **Each 25c; 10 for \$2.00.**

LILAC—Common Purple. (*Syringa vulgaris*.) The old-fashioned shrub bearing dense panicles of lilac flowers in May. **Each, 25c; 10, \$2.00.**

LILAC—Common White. The old favorite with its pure white flowers of great fragrance. **Each, 30c; 10, \$2.50.**

LILAC—Josikea. A handsome, late-blooming variety, flowering long after all other sorts except the villosa, which it very closely resembles. Large handsome foliage, and a valuable shrub. **18-24 in., each, 40c; 10, \$3.50.**

PERSIAN LILAC—This is a later blooming form of lilac with finer foliage and flowers. Does not freeze back as often as the common and is a very beautiful shrub. **2-3 ft., each, 50c; 10, \$4.50.**



Purple Lilac



Snowball

SNOWBALL—(*Viburnum sterilis*.) An old favorite the country over. Requires a favorable location and plenty of moisture. When conditions are favorable it is unsurpassed among the early blooming shrubs. The last of May or in the first week or two of June it becomes almost completely covered with dense round white flower clusters. **2 to 3 ft. size, each 50c; 5 for \$2.25.**

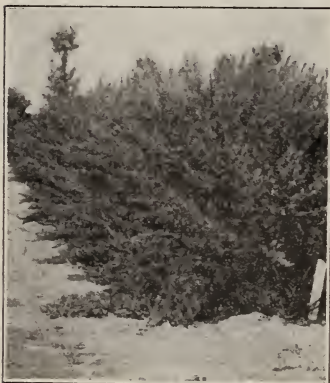
SHRUBS USEFUL FOR HEDGE PURPOSES AND ORNAMENTAL PLANTING

TARTARIAN HONEYSUCKLE—Mixed, 18-24 in., each 20c; 10, \$1.90; 50, \$9.00; 100, \$17.00; Pink—18-24 in., each 25c; 10, \$2.00; 50, \$9.50; 100, \$18.00; White—18-24 in., each, 25c; 10, \$2.00; 50, \$9.50; 100, \$18.00.

The upright or bush form of the Honeysuckle and noted for the great profusion and fragrance of its flowers. Growing from 8 to 12 feet high (according to location), these tall growing shrubs are extremely suitable for shrubbery clusters and for individual planting purposes, especially in exposed locations, as they are the last word in hardiness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form.

SIBERIAN PEA TREE—(*Caragana arborescens*.) The most popular of all the Russian and Siberian importations. Valuable alike for trimmed hedge, shelter belt or ornamental shrub and one of the very hardiest plants in existence. It is being used extensively and with the best results in farm plantings. Foliage resembles that of the locust, and a dainty yellow, pea-like flower covers the plant in late May or June. Bark a handsome green in color. **12 to 18 in., 10, 70c; 50, \$2.50; 100, \$4.00. 18 to 24 in., 10, 80c; 50, \$3.00; 100, \$5.00; 500, \$20.00. 2 to 3 ft., transplanted, 15c each; 10, \$1.20; 50, \$5.00.**

RUSSIAN OLIVE—(*Eleagnus angustifolia*.) The hardiest of the Russian importations. Thrives on the poorest soils and withstands drought, heat and cold absolutely. It has small yellow flowers produced abundantly, replaced later by small silvery-white, olive-shaped fruits. When trimmed it makes a beautiful ornamental and when cut back forms a most effective hedge. For hedging, plant 1 foot apart. **12-18 in., each, 10c; 10 for 80c; 50, \$3.00; 100, \$5.00; 500, \$20.00.**



Artemisia or Old Man

CHINESE APRICOT—(*Pr. Armeniaca*.) This handsome shrub is one of the very earliest to bloom in the spring and is therefore of unusual value. It flowers profusely before the leaves appear the blossoms being pink and white, the bushes varying. Fruit is small and hardly edible, but adds to the handsome appearance of the bush. **3 yr. old plants, each, 50c; 10, \$4.00.**

DOUBLE FLOWERING PLUM—(*Prunus triloba*.) Large, double rose flowers, thickly clustered, blooming before leaves appear. Large three-lobed leaves. The most ornamental early flowering shrub. **2-3 ft., each, 60c; 10, \$5.00.**

CUT LEAF ELDER—This is one of the hardier members of the elder family, resembling the ordinary sort as to fruit and habit of growth, but having a finely divided, feathery leaf which adds very materially to its beauty as a shrub. Bears large clusters of small white flowers, followed by black berries. **Each, 35c; 10, \$3.25.**



Tartarian Honeysuckle

BUCKTHORN—One of the most popular hedges where there is a fair amount of moisture and the soil is good. Cold resistant, and makes a beautiful and sturdy hedge. **Plants 18 to 24 in., each, 25c; 10, \$2.00; 50, \$9.00.**

OLD MAN or RUSSIAN ARTEMISIA. This is a semi-herbaceous shrub of exceedingly rapid growth. It dies down partially during the winter but will make a growth of 4 or 5 ft. in a month or six weeks after starting. Feathery branches covered with grayish green foliage and emitting a pleasant odor. Unexcelled as a hedge for harsh conditions and quick results. **Each, 20c; doz., \$1.25; 50, \$5.00.**

BUFFALO or BULL BERRY—(Shepherdia arg.)
Red. A native shrub, hardy, especially adapted to dry conditions, with silvery foliage. Is a mass of brilliant red berries from early August until they are picked or eaten by birds. Named by the early French explorers as the bushes in fruit looked at a distance as though they were hung with fresh buffalo meat. The berries make an excellent jelly. **Price, nursery grown, 3-4 ft., each, 25c; 10, \$2.00; 50, \$9.00.**

YELLOW BUFFALO BERRY—A much rarer form which we have only recently been able to propagate. Berries are even better in flavor and for jelly than the red. A mixed clump makes a handsome contrast. **18-24 in., each, 40c; 10, \$3.50.**

COTONEASTER—(Acutifolia). This shrub, which is not only handsome in mixed plantings but unusually well adapted to the formal hedge under conditions where privet is used in milder climates, is one of the most valuable of recent Asiatic introductions. The foliage is dark green and very glossy, flowers which come early are inconspicuous but are followed by handsome black berries which hang until very late. **Each, 60c; 10, \$5.00.**

HARDY ROSES

Add 10c to price of Single Rose if ordered postpaid.

Few roses are suited to the climate of the Northwest and nearly all require some winter protection. Of those we list, Persian Yellow and Hugonis are entirely hardy without covering; the Rugosa and its hybrids will kill back a trifle in severe winters, but are generally

hardy, all others should be cut back in the fall and well covered, preferably with soil banked up, but at least with straw or manure.



Harrison's Yellow

CRIMSON RAMBLER—(Climber). The Crimson Rambler is the hardiest of the climbers and will survive here if laid down and covered with earth through the winter. Grows 8 ft. or more per year and in June is a mass of brilliant crimson blossoms in dense clusters. **Each 50c; 5 for \$2.25.**

WHITE RAMBLER—(Climber). This is similar to the crimson in habit of growth and all other respects except that the blossom is pure white. **Each, 50c; 5, \$2.25.**

CRIMSON BABY RAMBLER—(Dwarf polyantha). Flowers in clusters similar to those of the climbers but plant forms a dwarf bush excellent for bed and as a pot plant. Blooms continuously throughout the summer and flowers are a brilliant crimson in color. **Each, 60c; 5 for \$2.75.**

HANSA—(Rugosa hybrid). Crimson in color and one of the very hardiest. Strong and upright in growth, handsome foliage and blooms throughout the summer most profusely. Flowers keep well when cut. **Each, 75c; 5 for \$3.50.**



Buffalo Berry

HUGONIS—The New Hardy Chinese Rose. This rose, which has created a sensation since its introduction, is a yellow bush rose of rapid growth, with exceptionally handsome foliage and bearing an unbelievably heavy blooming of single yellow flowers in June. The foliage turns a bronze red in fall so that this is the one rose which is ornamental all season instead of at blossom time only. Perfectly hardy. **Each, \$1.50; 5, \$7.00.**

HARRISON'S YELLOW—After several years of comparison between this and the Persian Yellow which is a very close relative, we have come to the conclusion that there is no apparent difference in hardiness and that Harrison's is somewhat more double and has a larger blossom. It bears very profusely rather early in June and remains in flower for 10 days to three weeks. **Each 85c; 10, \$8.00.**

GEN. JACQUEMINOT—(Hybrid Perpetual or Bush Rose.) One of the best and most popular of the red H. P. roses grown. It is bushy in habit and quite hardy. The large and fragrant flowers are a rich crimson. Should have some winter protection. **Each, 50c; 10, \$4.50.**



Hansa

ROSES

AMELIE GRAVEREAUX—(Hybrid rugosa.) One of the most handsome hybrids. The color is a rather brighter red than Hansa and the flowers though smaller are better formed and resemble the tea roses more. Very fragrant, medium hardy. Each 80c; 5 for \$3.60.

C. F. MEYER—(Hybrid rugosa.) One of the handsomest pinks, the flowers being a clear silver rose, very large and double. A very beautiful rose. Medium hardy. Each, 75c; 5 for \$3.50.

SIR THOS. LIPTON—(Hybrid rugosa.) This is one of the hardiest of the white rugosa hybrids and one of the very best as to size and doubleness of the flowers as well so we are offering it instead of the old white sort that we listed formerly. Each, 75c; 5 for \$3.50.

GROOTENDORST—(Rugosa-polyantha hybrid.) Something new in roses. Handsome rugosa foliage with flowers in clusters like its baby rambler parent. The flowers however resemble carnations more than anything else and are of a delicate pink shade which heightens the resemblance. Each, 80c; 5 for \$3.75.

PRAIRIE ROSE—(Rosa pratincola.) The North Dakota State Flower and the hardiest and prettiest of the several wild roses of the Northwest. Never grows taller than 2 to 3 ft. and assumes a symmetrical bush shape which makes it ideal for low division lines. The large single pink blooms are followed by bright scarlet berries of good size. Each, 35c; 5 for \$1.50.

PEONIES

Peonies are without doubt the most hardy, beautiful and easily grown perennials of all the flowers grown within the temperate zone and when once planted last a lifetime.

For mail orders add 10c per root on named sorts.

PIONEER PEONY MIXTURE—Mixed colors of the best double varieties. We have been offering this choice mixture on the cover for the past several years and have sold large quantities to the satisfaction of our many customers. This is not a mixture of cheap varieties. Postpaid, each 40c; 10 for \$3.50; by express each 35c; 10, \$3.00.

MEISSONIER—A rich purple red in color; strong stems and foliage. One of the best peonies for cutting. Blooms in mid-season. Each, 50c; 5, \$2.40.

FESTIVA MAXIMA—The largest and finest of all white peonies. Rose type of flower, pure white with faint carmine spots in the center. This variety is unexcelled for beauty and is a very early bloomer. Each, 50c; 5, \$2.25.

KARL ROSENFELD—This is by far the finest, largest red peony and possesses the finest color. A strong grower. Excellent to cut and in fact surpassing in every respect. Mid-season. Each \$2.25; 5, \$10.00.

MON. JULES ELIE—This is undoubtedly the finest rose-pink peony in cultivation. The flowers are of tremendous size, very compact, and display class in shape, color and size. This is probably the largest peony known. Each, \$1.25; 5 for \$6.00.

L'ESPERANCE—This is one of the most beautiful of the rose-colored peonies; a large bloom of the rose type, and comes out early in the season. Each, 60c; 5, \$2.75.

ROSEA SUPERBA—One of the earliest peonies. Blossom a beautiful pale pink in color, large and rose shaped, resembling an immense pink rose. Each, 70c; 5 for \$3.25.

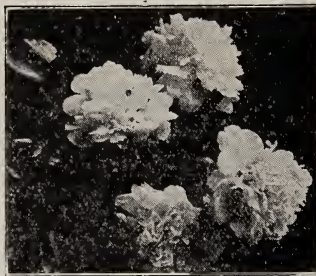
FLORAL TREASURE—This peony blooms in mid-season, bearing very large compact flowers of a beautiful shell pink shade. Each, 75c; 5, \$3.25.

COURONNE D'OR—A large white variety bearing large globular flowers of white with a yellow ring and crimson splashes. Each, 75c; 5, \$3.25.

FELIX CROUSSE—One of the finer sorts, a brilliant, ruby red, blooms in late mid-season. Wonderful for cutting, and of large size. Rose type and fragrant. Each, \$1.25; 5 for \$6.00.



Sir Thos Lipton



Festiva Maxima



Karl Rosenfeld



Meissonier

HARDY IRIS

A grand family with many varieties. The flowers are amongst the most glorious of our hardy gardens, and by proper selections may be had in bloom for several weeks.



DWARF EARLY

SAMBO—(Pumila). The earliest of all iris; a dwarf variety of uncommon beauty which blooms very early in the spring. Color a rich purple. Especially suited for edging and borders. Each, 15c; doz., \$1.25; by mail, each, 20c; doz., \$1.50.

ARENARIA—A very early yellow variety; groups well with the Sambo. Each, 15c; doz., \$1.25; by mail, each, 20c; doz., \$1.50.

SIBERIAN IRIS

Each, 15c; doz., \$1.50; by mail, each, 20c; doz. \$2.00.

ORIENTALIS—Large, handsome violet-blue flowers blossoming after the flag iris are gone. This variety, having conspicuous crimson spathe valves, is also very ornamental in the bud stage. 2 to 3 feet.

SNOW QUEEN—An exquisite new variety with flowers ivory white in color and one of the finest of the whole Iris family. 2 to 3 feet.

GEORGE WALLACE—A very pleasing color combination of blue and white. One of the tallest varieties of the Iris family. 3 to 4 feet.

GERMANICA OR FLAG IRIS

MADAME CHEREAU—Tall with high standards. Flowers white with blue margins. Each, 15c; doz., \$1.50; mail, each, 20c.

FLAVESCENS or CANARY BIRD—One of the best, and very conspicuous when planted in a mass. Uprights soft, creamy yellow, falls paler cream color, with striped base. Each, 20c; doz., \$2.00; mail, each, 25c.

QUEEN OF MAY—A new and choice variety with mauve-purple flowers. Each, 20c; doz., \$2.00; mail, each 25c.

SILVER KING—Solid lavender fading to white. Each, 15c; doz., \$1.50; mail, each, 20c.

SANS SOUCI—Upright petals a rich striking yellow. Drooping petals dull maroon. Each, 15c; doz., \$1.50; mail, each, 20c.

FLOWERING PERENNIALS

A choice list of hardy sorts, including many beautiful natives. Arranged in order of earliness, month of bloom given. Prices—All perennial roots, unless otherwise noted: Each 15c; doz., \$1.50. By mail, each, 20c; doz., \$2.00.



HOLLYHOCK AND YUCCA

BLUE VIOLET—For early spring the native violets are unsurpassed in beauty. The blue will stand either shade or sun and is very greatly enlarged by cultivation. Blooms in late May and early June.

WHITE VIOLET—The native woods violet, especially suited to shady or partly shaded locations and of great beauty.



Native Violet

SPIDERWORT—(Virginia.) An old favorite and a hardy native as well. Grass like foliage bearing in clusters large brilliant blue flowers which appear about July first. Height about 12 to 15 inches.

BLUE PERENNIAL FLAX—Another beautiful native which we are adding to our list. Very hardy and thrives well in any soil, producing a dense mass of stems covered with beautiful blue flowers in June and early July. 18 to 24 inches.

HOLLYHOCK or WALLFLOWER—We have a wonderfully fine stock of this old favorite. It is perhaps more useful than any other perennial. Tall growing, it is ideal for a background or screen, and



Pentstemon Grandiflora

ACHILLEA—(The Pearl.) One of our finest hardy herbaceous border and bedding plants. Has pure white double flowers in dense clusters blooming from July until October. Also used much in cemeteries and for cutting purposes, 1½ feet.

CHINESE BELLFLOWER or PLATYCODON—We have a stock of both the deep blue and the white sort. With its balloon-like buds and large, handsome bell-like flowers this is a most satisfactory hardy flower. Blooms in early July. Height 20 to 30 inches.

SHASTA DAISY—(Chrysanthemum Max.) Flowers large, pure white with yellow center, very showy and free blooming. A fine border plant. Blooms in July. 12 to 18 inches.

DELPHINIUM or PERENNIAL LARKSPUR—The larkspur is the classic of the garden, with its tall spikes of brilliant blue and lavender, and its graceful foliage. One of the hardiest and most satisfactory of the old favorites. 3 to 6 feet. Blooms the last of June and most of July

TALL MEADOW RUE—(thalictrum.) Another handsome native, reaches a height of 4 feet. Beautiful fern like foliage resembling that of the columbine. Leaves are green above and silvery below, starts very early and in late June attains its full size forming a dense clump of foliage surmounted by a feathery tuft of blossom. Likes moisture.

COLUMBINE—(Aquilegia canadensis.) The red and yellow flowered sort of this old favorite, sometimes called Honeysuckle. Blooms from May to July. Height 18 to 24 inches.

ANEMONE or WINDFLOWER—(Anemone canadensis.) Has beautiful white flowers in June and July and will do especially well mixed in with partially shaded shrubbery. 12 to 18 inches.

LILY OF THE VALLEY—An old favorite, early blooming, shade loving. Of wonderful beauty and fragrance. Blooms in June. Height, 6 to 12 inches.

BLEEDING HEART—(Dicentra spectabilis.) One of the very best old fashioned garden plants and hardy in every respect. Very fine for borders or margins of shrubbery. Quite distinct and very scarce the last few years. Each, 50c; mail, each, 60c. June.

PENTSTEMON GRANDIFLORA—This is perhaps the most beautiful of all our native flowers, blossoms of lavender or blue, bell-like in shape and nearly an inch in diameter, covering a spike from 18 to 24 inches long. Blooms early in July.



Columbine

comes in more beautiful shades and colors than any of the other large plants. Unless the tops are cut back after blooming it will not grow again the following year. Height 4 to 8 feet. **Best Mixture, each, 15c; doz., \$1.50. By mail, each, 20c; doz., \$2.00. Choice Double, each, 25c; doz., \$2.50. By mail, each, 30c; doz., \$3.00.**

YUCCA or SPANISH BAYONET—(Yucca Glauca.) Native on dry clay buttes and in the driest possible location. Very ornamental in its ordinary condition, and unusually beautiful when it blooms in July with its long spike of greenish-white bells. Height 12 to 24 inches.

Have an Old-Fashioned Garden this Year!

The Best Seeds for
Northwest Growers
come from Will's Pioneer
Seed House.



Larkspur

TIGER LILY—(*Lilium Tigrinum.*) Flowers bright deep orange red, spotted with purplish black spots. Very useful, thriving from year to year in open border. 2 to 4 ft. Dormant bulbs only.

DOUBLE TIGER LILY—This resembles the single form but is fully double and of a trifle more delicate shape and appearance. Exceedingly handsome. Each, 20c; doz., \$2.00; by mail, each, 25c; doz., \$3.00.

LEAD PLANT or AMORPHA CANESCENS. This is one of our most handsome midsummer blooming native perennials. Grayish green foliage, long spikes of rich purple flowers with golden anthers. 18 inches to 3 feet.

BOUNCING BET—(*Saponaria.*) An old favorite and one which we have found to be perfectly hardy. 12 to 18 in. high with a close head of white or pinkish white blooms at the top, resembling phlox very closely. Blooms throughout most of the summer.

TALL BLAZING STAR—(*Liatris squarrosa.*) This is one of our most beautiful of mid-season perennials; purple, feathery flowers borne thickly on a long spike during July and August. 24 to 36 in.

DWARF BLAZING STAR—This is a small variety of the one previously listed. Very hardy and drought resistant; especially suited to sandy soil. Deep purple flowers on wand-like stems in July and August. 10 to 20 inches.



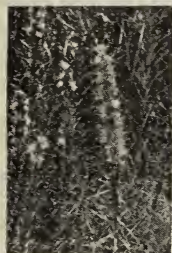
Tiger Lily

SWEET WILLIAM—Another old favorite, belonging to the pink family. Colors mostly red and white. Blooms in July. 18 to 24 in. high.

BABY'S BREATH—(*Gypsophila paniculata.*) A very graceful plant blooming in August and September, when it becomes a mass of minute, pure white blossoms, unexcelled for cutting. 2 feet.



Golden Rod



Dwarf Blazing Star

GOLDEN ROD—One of the most beautiful and effective of the late flowering plants. Grows from 18 to 36 in. high with feathery spikes of yellow bloom. There are many sorts but we consider this the finest species. Each, postpaid, 10c; doz., \$1.00.

PRAIRIE CLOVER—(*Petalostemum.*) This is a handsome purple native, the numerous heads coming into blossom in August. Very attractive to bees and butterflies. Height, 12 to 30 inches, varying with the quality of the soil.

GOLDEN GLOW—(*Rudbeckia.*) A very free flowering and one of our most attractive autumn flowering perennials for massing or mixed borders, producing beautiful golden yellow flowers in great profusion from August until October. 5 to 6 feet.

BOLTONIA—A handsome August blooming native perennial with masses of small white, aster-like flowers. Grows from 3 to 5 ft. high in a dense clump. Each, 10c; doz., \$1.00, postpaid.

MAXIMILIAN'S SUNFLOWER—(*Helianthus.*) Large single flowers, borne profusely, rich golden yellow, center reddish brown. Dark green drooping foliage. Blooms August and September. 5 to 7 feet.



Boltonia

TALL BLUE ASTER—Another native attaining a height of 3 to 5 feet. Very similar in appearance to the beautiful New England aster; tall stemmed with handsome foliage.

BLUE UPLAND ASTER—This is one of the handsomest of the native asters, dwarf in habit, extremely profuse bloomer, with large blue, yellow-centered flowers. One of the latest perennials blooming till October. 12 to 24 inches.

BOOKS ON HORTICULTURE

Amateur Fruit Growing, postpaid.....	\$0.50
Farm Windbreaks and Shelter Belts, postpaid.....	.50
Peony Manual, postpaid.....	.25
Iris Manual, postpaid.....	.25

INSECTICIDES FOR ALL PURPOSES



Prices Subject to Change. Ask for Prices on Large Lots.

All Prices by Express or Freight Unless Otherwise Stated.

PARIS GREEN—The old reliable. Unavailable. $\frac{1}{2}$ -lb, 20c; 1 lb., 55c; 4 lb. bag at 50c per lb., larger lots at same price.

ARSENATE OF LEAD—Rapidly coming to the front as a spray for potatoes. Powder form. Unavailable. $\frac{1}{2}$ -lb., 25c; 1 lb., 45c; 4 lb. bag at 40c; larger lots at same figure.

BORDEAUX MIXTURE—This is the only remedy against fungus diseases such as rusts, blights, mildews, etc., in shrubs, plants and trees. 1 lb., 40c; 4 lb. bags, \$1.40. Unavailable.

SURE NOXEM—The ideal powder insecticide for cabbage worms, squash and cucumber beetles, currant and gooseberry bushes, as well as for potatoes, etc. 1 lb. pkg. in sifter top can, 25c; postpaid, 30c; 5 lb. bags, 75c. Postage extra.



HAMMOND'S SLUG SHOT—One of the very best remedies against both cabbage worms and potato bugs as well as squash and cucumber bugs. A powder harmless to human beings and animals. Apply with a duster such as listed on page 95. By express or freight, 1 lb., 25c; 5 lb. pkg., 75c; 10 lbs., \$1.50; By mail, add your zone postage.

BLACK LEAF 40—A tobacco preparation especially for plants and nursery stock. An excellent aphid remedy. 1 oz. bottle (makes 6 gallons), 35c. Cannot be sent by mail.

SULPHO-TOBACCO SOAP—Combines the qualities of tobacco and an oily emulsion which no insect can withstand. Kills all kinds of plant lice, worms, etc. Also valuable as general insecticide for roaches, fleas, etc. Is not poisonous to plants or animals—only to insects. Postpaid, 3 oz. cake, 15c; 8 oz. cake, 30c.

FISH OR WHALE OIL SOAP—A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs and scale. Smear on trees will prevent the ascent of worms. Postpaid, 1 lb. cake, 30c.



VOLCK—The New Spray for Red Spider and White Fly—Red spider ruined a whole field of raspberries for us last year, before we knew of VOLCK. Valuable also against scale, thrips, mealy bug, aphid and caterpillars. One of the most powerful of insecticides but does not injure plants of any kind. $\frac{1}{2}$ -pint can makes 2 gallons of spray. Price, 50c—postpaid, 60c; 1 qt. can price \$1.00—postpaid \$1.15.

CARCO—This is the best remedy for cutworms and other underground pests. Use one pint to 75 pints of water and spray the soil before planting. Later use one pint to 125 pints of water. By express or freight, one pint, 75c. Postpaid, 90c.

TOBACCO DUST—An excellent remedy against all kinds of aphid or plant lice. Per lb., by express 15c; 5 lbs., 50c. Postpaid, lb., 25c.

RAX—The Rat and Mouse Destroyer. We have experimented with various preparations for destroying vermin for many years, and have

found RAX to be the surest and best. It is not poisonous but inoculates the animals with a disease to which they alone are susceptible. The disease is contagious and soon spreads to all the animals in a building. Per pkg., 75c; postpaid, 85c.

RAT BISKIT—For quick action this rat poison is the most satisfactory that we have tried. Small biskits containing the poison, nothing to do but scatter them about where the rats run. No fuss or muss. Can containing 18 biskits, price 35c, by express. Cannot go by mail.

RAT BISKIT PASTE—This is put up in tubes and all that is necessary is to squeeze it out on the bread or other bait. The same poison that is contained in the Biskits. Price per tube, 25c, by express. Cannot go by mail.

NEWARK, for INJURED TREES—This is a preparation for protecting injured surfaces on trees and shrubs, for use where the bark has been torn or scraped, after trimming, and in all similar ways. Price 1 lb. can by express or freight, 50c; postpaid, 60c.

PERRIGO'S FLY KILLER—The best fly spray we have ever tried. The least drop will kill. For the stable and house. 8 oz size 45c postpaid; 16 oz size 75c postpaid.



CARBOLA

The Disinfecting White Paint

A WHITE paint and powerful disinfectant in powder form. Quickly mixed with water—no waiting or straining. Applied with brush or sprayer to all surfaces.

Does not flake or peel off. One pound covers 100 square feet. Agricultural colleges and experiment stations highly recommend it for cleanliness and prevention of disease in—

Poultry Houses: To paint and disinfect side walls, ceilings, roosts and brooders. Helps keep the birds free from lice and mites and the buildings clean, light and sanitary. The dry powder is an excellent louse powder.

Barns and Stables: To paint and disinfect side walls, ceilings, stalls, etc., as an aid to cleanliness and prevention of tuberculosis, foot and mouth disease and other contagious diseases.

House and Garden: Carbola applied to walls and ceilings of cellars will kill bad odors, mustiness, prevent cobwebs, disease germs, drive out spiders, ants and other insects. Dust Carbola on rose bushes, peas, cabbage, tomato plants, etc., to help rid of insects and worms. Spray it on trees and tree trunks.

~ Satisfaction or money back. 5 lb. pkg. 75c; 10 lbs. \$1.25; 50 lbs. \$5.00; 200 lbs. \$18.00

FERTILIZERS FOR ALL PURPOSES

In this new country of rich soil the fertilizer question has been little considered, but as gardening, flower growing and vegetable raising increase, needs for special fertilizers are developing. Barnyard manure is excellent but requires time to release the plant food.

The three necessary elements in plant growth which are not always present in the soil are nitrogen which stimulates luxuriant growth, phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in nitrate of soda, phosphorus in bone meal, and potash in muriate of potash.

PULVERIZED SHEEP MANURE—This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Sheep manure is a complete fertilizer and supplies every item which worn-out soil requires. Use from 5 to 10 lbs. per 100 square feet. **Price, 10 lbs., 40c; 25 lbs., 60c; 50 lbs., 80c; 100 lbs., \$1.25; 500 lbs., \$6.00; 1000 lbs., \$11.00; one ton, \$20.00.**

LAWN RENEWER—A strong prepared fertilizer for run-down lawns as well as general garden and flower bed. One pound equals 20 pounds stable manure. Use at rate of 25 lbs. per 1000 square feet. **10 lbs., 75c; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00.**

NITRATE OF SODA—The great growth stimulator, the best chemical agent in supplying the much needed nitrogen to deficient soils. Has a wonderful effect on lawn, garden or flowers. **By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$3.00.**

STEAMED BONE MEAL—(The great phosphorus supplier). Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees; hastens maturity so promotes earliness when applied in the spring. Especially useful to stimulate bloom in peonies. **Lb., 25c, postpaid; by express or freight, 10 lbs., \$1.00; 50 lbs., \$3.00; 100 lbs., \$4.75.**

MURIATE OF POTASH—Promotes growth, delays development and causes longer growing in grains, grasses flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. **By express or freight; 5 lbs., 80c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.**

AGRICULTURAL GYPSUM, LAND PLASTER or SULPHATE of LIME—Useful to neutralize acid soils, but more to supply a deficiency of lime and most in our section to mix with stable manure in order to fix the valuable nitrogen content so that it may not be lost before the manure is applied to the land. Keep the manure pile well sprinkled with it and notice how very much better results it will give you. **By express or freight, per 100 lbs., \$1.50; ton \$24.00.**

AMMONIA SULPHATE—The Lawn Fertilizer. Also valuable for the garden or flower bed. A highly concentrated nitrogen fertilizer which acts very quickly. Use it on the lawn in the spring at the rate of 3 lbs per 1000 square feet. Valuable also for trees and shrubbery. **Price, 5 lb. bag, \$1.25 by express or freight.**

STIMUPLANT—Concentrated fertilizer and plant food in tablet form, the most concentrated form of plant food on the market. Four tablets make one gallon strong fertilizer. **Pkg. of 30 tablets, 25c; postpaid, 30c. Pkg. of 100, 75c; postpaid, 85c.**

ZENKE'S NEW PLANT LIFE—An unusually concentrated and very satisfactory fertilizer for the potted plants or the small garden. **8 oz. can., 45c, postpaid.**



"Care and Treatment of Stock and Poultry," by Dr. LeGear, sent on request.

STOCK POWDERS in the following sizes: 25c, 50c \$1.20, and in 25 lb. pail, \$3.00.

WHITE DIARRHOEA REMEDY. 30c.

STOCK DIP. 1 qt. cans, 65c; per gallon, \$1.75.

ANTISEPTIC HEALING POWDER, Pkg. 30c.

BOWEL REGULATOR. Efficacious for cholera. 30c.

POULTRY POWDER. Pkg. 25c.

LICE KILLER. Per Pkg., 25c.

ROUP REMEDY. 30c.

LINIMENT, BOTTLE. 30c.

SORE HEAD REMEDY. 30c.

HEAD LICE REMEDY. 30c.

COLD REMEDY. 30c.

Prices are all by express or freight. Add 5c per pkg. to small size package if wanted by mail.

FEEDS AND POULTRY SUPPLIES

FEEDS AND SUPPLIES are subject to price changes. Send for our **Blue Poultry Feed Lists** which give current prices.

PRICES ON SUCCESSFUL INCUBATORS AND BROODERS QUOTED ON REQUEST.
ALL PRICES BY EXPRESS OR FREIGHT UNLESS NOTED.

WILL'S PIONEER BRAND POULTRY FEEDS

We wish to call especial attention to our own line of prepared poultry feeds and mashes. We have selected the best formulas recommended by the State Experiment Stations of the Northwest, and compounded them of the highest grade materials with the utmost care.

We are this year manufacturing a complete line of poultry foods of our own mixture, including mashes, which we are preparing from high quality grains from formulas recommended by the best authorities. We are sure they will give even better satisfaction than what we have handled in the past.

PIONEER BRAND EGG OR LAYING MASH—A ration of this feed adds greatly to egg production, especially in winter. 25 lbs., \$1.50; 100 lbs., \$5.00.

PIONEER BRAND MILK MASH—To promote healthy and rapid growth of chicks, and for fattening. 25 lbs., \$1.60; 100 lbs., \$5.50.

PIONEER BRAND BABY CHICK FOOD. For baby chicks up to three weeks old. A carefully ground, mixed and screened feed. Lb., 4c; 100 lbs., \$3.75.

PIONEER BRAND CHICK FOOD—To be fed after three weeks old and until chicks are able to eat whole grain. Lb., 3½c; 100 lbs., \$3.00.

PIONEER BRAND SCRATCH FEED—A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. 100 lbs., \$2.25.

MEAT SCRAPS. 25 lb. sack, \$1.50; 100 lbs., \$5.50.

JERSEE MILK FOOD—A whole dried milk compound useful alike for poultry, calves and young pigs. One pound of the Compound to 5 to 10 pounds of corn, ground feed or other feed is used, depending on the type of feed you desire. Takes the place of all milk for the calf. 3 lb. package, 75c; 12 lb., \$2.75; 25 lb., \$5.50.

DRIED BUTTERMILK—This is almost an indispensable article in feeding poultry scientifically and for best results. By express or freight, lb., 15c; 25 lb. lots or larger, 12c per lb.

ALFALFA MEAL—By express or freight, 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.50.

OIL MEAL—10 lbs., 60c; 100 lb. sack, \$4.00. Ask for prices on larger amount.

CALF MEAL—Raise your calves without milk. This compound, composed of balanced ingredients, is a perfect milk substitute. Has been used for years and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25 lb. sack, \$1.75; 50 lb. sack, \$3.00; 100 lbs., \$5.00.

DIGESTER TANKAGE—A very necessary conditioner for hogs. 100 lbs., \$5.00.

SUNFLOWER, HEMP AND CANARY—For poultry, parrots and song birds. By express or freight, lb., 20c; 10 lbs., \$1.50.

EGG LAYING TABLETS—LeGear's. To be used in the feed. Very well recommended. Pkg. of 50 tablets for 55c; 120 tablets, \$1.05, postpaid.

CHARCOAL—To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 75c; 50 lb. sack, \$2.50.

PILOT BRAND CRUSHED OYSTER SHELLS—We have this year a good supply on hand. 10 lbs., 25c; 100 lbs., \$1.50.

MICA CRYSTAL GRITS—By express or freight, 100 lbs., \$2.00.

PEARL LIMESTONE GRIT—The dual purpose grit, hard enough to furnish the necessary grinding material for chickens, and soluble enough to furnish the much needed lime for bone and shell building. No other grit need be used with this. 25 lbs., 50c; 100 lbs., \$1.50; ton, \$28.00.

POULTRY SUPPLIES

REVENGE LICE KILLER—No dusting required. Merely sprinkle about the pen or house, and roosts, unless the lice are very bad when it should be applied direct to the birds. A disinfectant which will prevent diseases to quite an extent. Lice begin to die within 4 minutes of use. Small package, 75c; postpaid; larger size, \$1.10.

EVAPOMETER—An instrument to indicate the percentage of moisture in the incubator. THIS MACHINE WILL SAVE THE EGGS IN THE INCUBATOR, and give a very much higher hatch. Do not guess, but know what your moisture is. Price \$1.00 postpaid.

GLASS JAR DRINKING FOUNTAINS—We supply only the lower dish and the holder for the jar. Any common glass jar or sealer will do. Price, postpaid, 25c.

CHAMPION LEG BANDS—Aluminum. Numbered from 1 to 100. Price, postpaid, 25 set, 35c; 100 set, \$1.00.

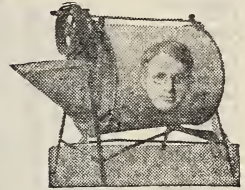
KEYRING CELLULOID LEG BANDS—Different colors. Doz., 25c; 100, \$1.00 postpaid.

THE LAWN PARK COOP—A light, sanitary, safe and easily shifted coop of wire and galvanized iron. Send for circulars. By express or freight, each, \$3.50.

AMERICAN INCUBATOR THERMOMETER—This is the most convenient, most accurate and altogether most satisfactory thermometer that we have seen, and takes up the least tray room. Each, \$1.00, postpaid.

NO. 39 POULTRY PUNCH—Scissors type, works easily, cuts clean without bruising. One of the most satisfactory ways to mark your poultry, ten to fifteen different markings using both feet are possible. Each, 55c, postpaid.

THE IMPROVED HOILAND WILD OAT SEPARATOR AND CLEANER COMBINED—Not only will this Improved machine take wild oats out of wheat, barley and tame oats, the only machine which will perform all these three separations, but it is now equipped with a cleaning and screening attachment which will at the same time remove the dust and dirt as well as blow out the chaff and take out the fine weed seeds. The flannel liner of the drum will thus last very much longer since it will no longer become clogged with dirt and chaff. The machine has a capacity of 15 to 25 bu. per hour with double capacity for the large size. **Single size, price, \$55.00. Double size, \$75.00. Without cleaner, single size, \$35.00; double size, \$50.00.**



FANNING MILL AND CLEANER

THE OWENS DUAL FANNING MILL AND CLEANER—The Most Up-To-Date Machine on the Market—This is a new cleaner which will do all classes of work and do them better than seems possible. Well built, easy to operate, works twice as fast as the ordinary machine, separates wheat and oats, barley and oats, barley and wheat, and will clean all types of seed. A good cleaner is a necessity on every farm and the Owens is just the machine you need. Capacity 50 to 75 bushels per hour. Dual A machine, price \$60.00, F. O. B. here. This is a high grade machine.



TOOLS AND IMPLEMENTS

THE CYCLONE SEED SOWER—The machine is so simple in construction and so perfect in operation that even a boy can operate it. It will sow clover, timothy, wheat, oats, rye, buckwheat, Hungarian, Red Top, turnip, millet, alfalfa, corn, cotton and all other farm seeds perfectly even and in any desired amount to the acre and from thirty to sixty acres per day. Full instructions and directions on every machine. **Price each, \$2.25, postpaid. By express, \$2.00.**

ACME POTATO PLANTER—All steel with basket tube to drop into. **Price, \$2.75 each, by express or freight.**

ACME HAND CORN PLANTER—Plants one to five kernels per hill as desired. **Price \$2.00, by express or freight.**

LANG'S HAND WEEDER—The ideal tool for the flower bed or small garden. A necessity to every gardener. **Price, postpaid, 25c each; \$2.50 per dozen.**

HAND GARDEN TROWELS—We have secured a supply of extra good quality heavy trowels. Neither handle nor blade will break or bend. **Price, each, 80c, postpaid.**

HUDSON LAWN MOWER—This is a ball-bearing, self-sharpening machine of very best quality. Easy running, clean cutting, and always sharp. **Price, F. O. B. here, by express or freight, 14-inch cut, \$9.00.**

SPRAYERS AND DUSTERS

ONE QUART GLASS JAR SPRAYER—This is a substantially built and very satisfactory small machine. **Price, by express or freight, \$1.00.**

PERFECTION—This is an exceedingly well built knapsack sprayer with a capacity of four gallons. Reinforced galvanized tank. **Price, \$6.50, by express or freight. With brass tank, price \$10.00.**

JUNIOR—A smaller knapsack type; capacity 2½ gallons; built as sturdily in every way. **Price, \$5.40, by express or freight. With brass tank, \$8.00.**

ACME DUSTER—A cheap and exceedingly satisfactory duster for the application of all powder insecticides. **Price, postpaid, 80c.**

POWDER SPRAYER OR DUST GUN—A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. **By express or freight, \$1.00; postpaid, \$1.25.**

Prices on repairs and large sprayers on request.

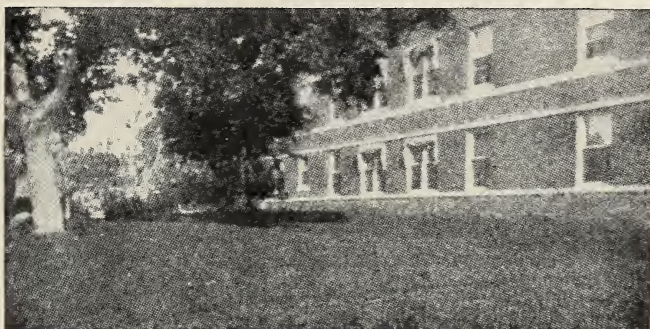


LEWIS BEEWARE—We are this year carrying a small stock of beeware for the apiarist, since the bee industry is becoming so important in the Northwest. Write for catalog of the Lewis Beeware with prices. **See page 48.**

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Lawn Seed and Lawn Supplies



A Handsome Bismarck Lawn from Will's Emerald Lawn Grass Seed.

WILL'S EMERALD LAWN MIXTURE

Registered U. S. Patent Office.

This lawn grass mixture has been planted in the Northwest for thirty years, and beautiful lawns in every town in North and South Dakota and Montana prove its value.

There are no coarse seeds in this mixture.

The mixture is composed of **only the highest grade seeds** of the several varieties of grass of which it is made up. No clover is contained in the formula, but we are glad to supply White Dutch Clover at catalog price and add it to the mixture without charge for mixing.

If you want a good lawn in North Dakota buy Will's Emerald Lawn Mixture. Accept no substitutes.

Directions for Sowing a Lawn—Only ground which has been broken at least a year and is mellow and easily worked should be seeded for a lawn. After spading up, pulverizing thoroughly and smoothing with a rake, the seed should be sown at the rate of one pound to three hundred square feet. Do not seed on a windy day as the light grass seed will quickly blow away. After seeding, rake in thoroughly with a double motion of the rake, forward and back. If a roller is available much better success will result if a good rolling is given after seeding. The prepared lawn should then be heavily soaked with water and not allowed to dry out until the grass is well up and the whole surface green.

All sorts of soils contain weed seed, and the black soil hauled on for lawns is often very weedy. Do not blame these weeds to the seedman who can furnish you with the official purity test of his seed.

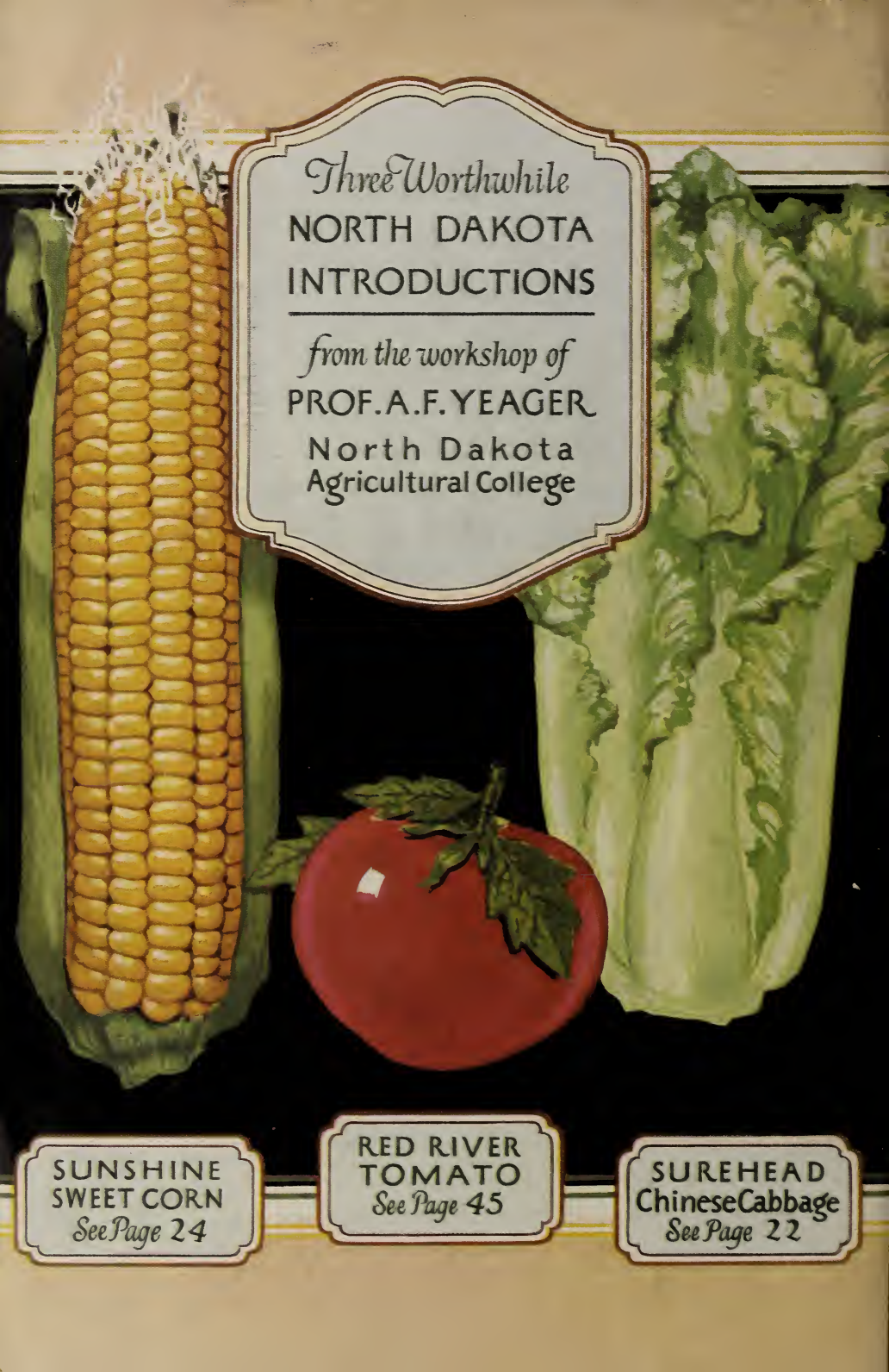
Price, 50c per lb., postpaid. By express or freight, 5 lbs., \$1.50; 10 lbs., \$2.75; 20 lbs., \$5.00.

For Shaded Ground Use Pure Red Top Seed. See Page 64.

DAKOTA LAWN MIXTURE—This is a utility mixture, for those who do not wish to give the time and attention necessary for a first class lawn, and yet want a nice appearing grass plot about the house. It is made up of coarser and harder grasses but requires some water to keep it up. Clover may be used with it to good advantage. **Price 30c per lb. postpaid. By express or freight 5 lbs. \$1.30; 10 lbs. \$2.50; 20 lbs. \$4.00.**

For A Farm Grass Plot or Lawn Without Water

We have found the Western Rye or Slender Wheat grass to be the only satisfactory hardy grass which will make a good appearance most of the time and survive through dry weather. See page 62.



Three Worthwhile
NORTH DAKOTA
INTRODUCTIONS

from the workshop of
PROF. A. F. YEAGER
North Dakota
Agricultural College

SUNSHINE
SWEET CORN
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RED RIVER
TOMATO
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SUREHEAD
Chinese Cabbage
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