

Historic, Archive Document



Do not assume content reflects current scientific knowledge, policies, or practices.

6247 20 feet

**13th
Annual Catalogue**

◆
**Season
1920**
◆

**Tuckers'
Seed
House**



CARTHAGE, MISSOURI

\$1.25
POSTPAID

Our Great Garden Collection
OF
"Quality" Vegetable Seeds

\$1.25
POSTPAID



**A Great \$2.45 Value for Only \$1.25
Postpaid**

Every variety listed in this collection, represents Quality that will please you. The seeds are tested and will grow. Full sized packets, such as we supply to our regular trade go into this collection, in fact the only cheap thing about it is the price. The reason we sell this collection at such a low price is twofold: We can put up the boxes before the Spring rush starts, get them ready so that, when the order comes, all that needs be done is to wrap the box, affix postage stamps and out it goes. This popular priced collection also gives new customers an opportunity to try a large assortment of our Quality seeds at a moderate cost. Our margin of profit on this collection is smaller than on anything else we sell; yet we consider each collection sold, a good investment which, in time, will bring us increased business.

Please do not ask us for any discount in connection with an order for our Garden Collection and any special offers in this Catalogue do not apply to or cannot be taken advantage of in connection with it. No changes can be allowed.

HERE IS WHAT \$1.25 WILL BUY:

**Twenty-Eight (28) Full Sized Packets as follows, for
Only \$1.25:**

- | | |
|-------------------------------------------------|---------------------------------------------------|
| 1 —Beans—Bush, Stringless Greenpod, Extra Fine. | 15—Water Melon—Irish Gray, New, Fine Flavor. |
| 2 —Beans—Pole, Perfection Wax. The Best Variety | 16—Onion—Mammoth Yellow Prizetaker, Large. |
| 3 —Beet—Early Eclipse. All Seasons Variety. | 17—Pepper—Ruby King, Fine Mango, Sweet. |
| 4 —Beet—Crimson Globe, Fine Table Beet | 18—Parsnips—Hollow Crown, Fine Table Variety. |
| 5 —Cabbage—Early Wonder, Best Extra Early. | 19—Parsley—Moss Curled, Very Fine Curled. |
| 6 —Carrot—Chatenay, Fine Quality. | 20—Peas—Tuckers' Wonderful, Extra Early, Mammoth. |
| 7 —Celery—White Plume, Early Fine Flavor. | 21—Radish—Early Scarlet Turnip, Early and Crisp |
| 8 —Cucumber—Earliest of All, Extra Early, Fine. | 22—Radish—White Icicle, Extra Fine Long White. |
| 9 —Cucumber—Everbearing, Bears Continuously. | 23—Squash—Early White Bush, Fine Table Variety. |
| 10—Sweet Corn—Early Sugar Queen, Sweet as Sugar | 24—Pumpkin—Mammoth Pot'ron, Large, For Pies. |
| 11—Sweet Corn—Country Gentleman, Extra Fine. | 25—Tomato—John Baer, Extra Fine. |
| 12—Lettuce—Early Curled Simpson, Early, Curled. | 26—Spinach—Bloodsdaile, Standard Variety. |
| 13—Lettuce—Big Boston, Large Tender Head. | 27—Mustard—Ostrich Plume, Extra Fine. |
| 14—Musk Melon—Delicious Gold Lined, Extra Fine | 28—Turnip—Early Purple Top Milan, Spring Sort. |

F R E E

**With each order for our great Garden Collection we will include
one ounce of our Famous Rainbow Mixture of Sweet Peas**

FOREWORD

We take pleasure in handing you our 1920 Seed Annual. We have tried to make it better and bigger than in former years and we hope that our efforts meet with your approval.

You know the Seed Catalog is the Seedsman's medium for talking to you, as it is impossible to meet each and everyone of you personally.

In writing his catalog he must first of all be honest, must give honest description of the varieties of seeds which he offers, and must back up each statement he makes. His success depends on the results which his customers procure from planting the seeds he sells to them.

Service is another element that enters largely into the matter, he must give his customers First Quality Seeds, Quick Shipment and Helpful Advice.

Our Thirteen years experience in the Seed Business places us in the best possible position to extend to you, Service, Quality and Advice.

Our many thousands of Friends and satisfied Customers scattered all over the United States are sincere proof that the Seeds we are supplying are the very best that can be procured.

Our Business has steadily increased from year to year until now we are one of the largest dealers in the middle and western country.

Our equipment for Testing for Germination, recleaning and handling your orders quickly cannot be excelled.

Get Acquainted with us, you always like to do business with people you know. It's more homelike and we want to know you better because your interests are our interests. We have made a study of your needs and know the varieties best adapted to your section of the country, and we can serve you best.

Be friendly, write us. We are always glad to assist our customers and friends in every way possible.

In conclusion we wish to emphasize the fact that any orders which you entrust to us, will be filled with the Best Quality Tested Seed that will give you results, and results are what you must have.

Yours very truly,
TUCKERS' SEED HOUSE.
Earl J. Tucker, Manager

Important Suggestions

By carefully observing the following Directions, Mistakes and Misunderstandings will be very largely avoided.

Always Use The Order Blank and envelope sent with this Catalog when possible. Write plainly, keep a copy of your order, and be sure to sign your name, Postoffice, County and State every time you write to us. Extra Envelopes and Order Blanks will be sent on application, also additional Catalogs, if desired.

How to Send Money Money can be safely sent by Bank Check, Postoffice Order, Express Money Order, Registered Letter, Postage Stamp remittances in small amounts are also satisfactory.

Seeds by Mail Postpaid At prices as listed in the catalog we prepay postage on all seeds so quoted. In quantities up to 15 pounds in the first and second zones it is cheaper to send by Parcel Post than by Express. If you wish to order a five to fifteen pound quantity, please refer to the Parcel Post instructions on inside of back cover, and you will find the amount of postage necessary to include with your order.

Buyer's Expense means that the purchaser pays the cost of transportation. Please state how you want the seed sent. To points beyond the third zone, it is cheaper to ship by freight or express than by Parcel Post. On pound prices listed Postpaid in catalog, if wanted by express or freight, you may deduct 5 cents per pound.

Lower Freight Rates and Quick Shipments For large orders, shipments by freight are much cheaper than by express. Carthage is one of the best distributing points in this country, railroads radiating in every direction, giving prompt and efficient service and low freight rates so that customers can depend on having orders filled promptly and delivered without delay.

Fluctuation in Prices Seed Potatoes, Onion Sets, Grass and Clover Seeds, Seed Grain and other Field seeds fluctuate in price depending upon the market conditions and supplies. The prices given in this catalog are those ruling at the time it is printed, the middle of January and hold good for 30 days from that date unless our stocks on hand become exhausted before that time. We will take pleasure at any time in quoting prices on request, or will fill all orders entrusted to us at as low prices as possible for first-class seeds.

Bags Please note that our prices on all Seeds, such as Clover, Grasses, Seed Corn and Field Seeds, include the bag free. We do not make a charge for the bag, as is the custom, with a great many seed houses. This represents quite an item to you, especially with the present high cost of Bags, Sixty-five to Seventy cents for a seamless cotton grain bag.

Seeds By Mail Sending seeds by mail is a very important branch of our business, and we are well prepared to fill orders promptly and correctly, **the day they are received** in nearly all cases.

Our Prices In comparing our mail prices, especially on heavy seeds, such as Peas, Beans and Corn, bear in mind that we pay the postage.

Order Early It is important to order as soon after you get the catalog as convenient, then you will have your seeds at hand for planting when you want them; besides, if you want seeds in large quantities, they can be sent by freight much cheaper than by express. **Small orders**, however, can often go by express as cheaply.

Large Orders Any Dealer, Market Gardener, Institution or any Individual wishing seeds in large quantities is requested to mail us a list of what is wanted and we will promptly return it to you with the very lowest prices marked. **A letter of inquiry may save you dollars** if you want to buy in quantity.

Small Orders If you want only a single packet, do not hesitate to order it. We take as much pains with small orders as with large ones.

Shipping Orders When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment.

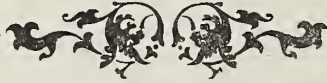
Change of Address If you have changed, or intend to change your address, please let us know, and we will change it on our books, so that you will receive our Seed Annual at your new postoffice. **If you have Rural Mail Delivery be sure to give the Name and Number of your Route, if necessary, when ordering.**

Packet and Ounce Seed Discount For 25c we will send 30c worth of seeds, pkt. or ounce. For 50c we send 65c worth of seeds, pkt. or ounce. For \$1.00 we send \$1.30 worth of seeds, pkt. or ounce. In taking advantage of our packet and ounce discount no larger quantity than packets or ounce of any kind can be included.

About Warranting Seeds: While we use great care both, for our own and our customers' interest, to supply and furnish the best seeds that it is possible to obtain, there are so many conditions—weather and other causes—affecting the growth of seeds and out-turn of crops, that it must be distinctly understood that all our seeds are sold under the conditions in regard to non-warranty of seeds, which have been generally adopted by the seed trade and which are as follows:

"We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms, they are at once to be returned."

Tuckers' Quality Vegetable Seeds



TUCKERS' QUALITY means the best that can be produced in Vegetable Seeds. It means trueness to variety and high Germination, and these mean satisfaction to you in your Garden. We test each variety before sending it out to our customers, and the Germination must be strictly up to standard or we do not send it out.

In our Vegetable Seed Department we list only such varieties as are of real merit, having excluded all sorts that are not of value, and have cut out a number of out-of-date varieties.

Cultural directions will be found at the heading of each class of vegetables, and also on most of our packets. These directions, while reliable, will not apply in every detail to the extreme sections of the United States, and therefore some allowance must be made for the difference in latitude.

ASPARAGUS

Can be grown in any good garden soil, but does best in sunny, moist soil. To grow plants from seed, sow in drills about one inch deep in rows, one foot apart. Keep the soil mellow and free from weeds; during the Summer thin out and the following spring plants may be set in the permanent bed. Set the plants one foot apart each way, spreading the roots well apart. Cover with about three inches of soil. **One ounce of seed will sow 60 feet of drill. About 400 plants to the ounce. One ounce of seed will produce about 400 plants.**

Columbian Mammoth White

The immense shoots are clear white, and in favorable weather remain so until three or four inches above the surface. The crown or bud of the young stalk is considerably smaller than the part below it. **Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Conover's Colossal

A standard variety of large size and delicious quality. Certainly one of the best varieties grown. **Postpaid pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

Palmetta

A close second to Columbian White Mammoth. An enormous yielder, very tender and appetizing, producing large, clear stalks of excellent quality. Very early. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

ASPARAGUS ROOTS

Dig or plow out a trench 15 to 18 inches deep, put in plenty of well-rotted manure, covering it with a few inches of soil, then set the roots 1½ to 2 feet apart and cover with 4 inches of soil. In the fall, cut off and burn the top growth, and give a good application of stable manure. Early in the spring fork this in, and as the asparagus begins to grow, earth up to blanch the stalks as they grow. Do not continue cutting too long, as this exhausts the plants.

FOR FIELD CULTURE—The rows may be from 4 to 6 feet apart and the roots set farther apart in the rows. A subsoil plow should be used to break the soil as deeply as possible.

CONOVER'S COLOSSAL—Two-year-old roots. **Postpaid, Dozen 20c, 50 for 65c. Buyer's Expense—100 for 75c; 1000, \$4.50**

PALMETTO—Two-year-old roots. **Postpaid, Dozen 30c; 50 for 65c. Buyer's Expense—400 for 75c; 1000, \$4.50.**

COLUMBIAN MAMMOTH WHITE—Two-year-old roots. **Postpaid Dozen 30c; 50 for 75c. Buyer's Expense, 100 for 75c. Thousand, \$5.00.**



COLUMBIAN MAMMOTH WHITE

Brussels Sprouts

A species of the Cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seed should be sown about the middle of May, in a seed bed, and the plants afterwards set in rows, 2 feet or more apart, and cultivated like Cabbage.

IMPROVED DWARF—Produces compact sprouts of the finest quality; a good keeper. **Postpaid pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.**

Borecole or Kale

Kale, or German Greens, do not form heads, but furnish an abundance of pretty curled leaves that are highly prized as food. Sow from the middle of April to the beginning of May; transplant and cultivate like Cabbage. Will endure considerable frost without injury.

DWARF GREEN CURLED.—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Quite hardy. **Postpaid, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.75.**



BORECOLE

GARDEN BEANS

Our strains of Seed Beans cannot be excelled for quality. They are produced by the best growers in this country, who make a specialty of growing them for Seed purposes. The fields are carefully rogued as the Beans are growing and any plants found that are not true to variety are pulled up and destroyed. The Beans are also hand sorted so that the seed we send you is strictly first class.

BEAN PRICES include postage, up to two pound quantities. If the larger quantities are wanted sent by mail it will be necessary to remit additional amount at the Parcel Post rates. Refer to inside of back cover for rates.

Beans succeed best in warm, sandy loam, enriched with well rotted stable or poultry manure. Must not be sown until the ground is warm and dry. Sow in drills 18 to 30 inches apart, 1 to 2 inches deep, placing the beans 2 to 3 inches apart in the drills; for a succession sow every 2 weeks until September. A packet will sow about 25 feet of row; use 1 quart to 200 feet. Bush Beans are ready for use in 35 to 50 days. Cultivate frequently but shallow and never when the foliage is wet.

Green Podded Dwarf Varieties

Tuckers' Favorite

(SEE ILLUSTRATION.)

Extra Early, Prolific, Stringless, the one best Green Pod Bush Bean. The plant is remarkably handsome and thrifty growth, being practically rust and mildew proof. It is very hardy, extremely early, very prolific and bears continuously for several weeks. The vines are large, somewhat spreading and prolific. The foliage is dark green, with leaves large and crumpled. The pods are very long, often six to seven inches, flat, irregular in shape, bright, but rather dark green and of excellent quality. Seed of medium size, oval, flat, yellowish brown in color. The pods are entirely free from any tough membranous lining, not only when young, but this tender quality is retained even into maturity. Our customers everywhere are enthusiastic about the fine flavor and great productiveness and continuous bearing of this variety. **Postpaid, pkt., 15c; lb., 45c; 2 lbs., 85c. Buyer's Expense 5 lbs., \$1.50; 15 lbs., \$4.25**

Burpee's Stringless Green Pod

One of the finest early Beans in cultivation and one that has held its place in spite of many new introductions for which superior qualities were claimed. It produces in profusion long, straight round, deeply saddlebacked pods early in the season. The pods are absolutely stringless at all stages of growth, brittle, tender and of real good flavor. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.35; 15 lbs., \$3.90.**

Giant Stringless Green Pod

An exceptionally fine bean for either home use or market; ranks among the earliest, yet in quality and productiveness has no superior. The vines are strong, the pods are long, 5½ to 6½ inches, round, very meaty, perfectly stringless and are borne continuously for weeks. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense 5 lbs., \$1.35; 15 lbs., \$3.90.**

Bountiful

As early as the Six Weeks, very hardy, remarkably prolific and bears continuously for several weeks. The pods are broad, long, uniform, solid and meaty; one of the best of the flat-podded varieties. **Postpaid, pkt., 10c; lb., 35c; 2 lbs., 65c. Buyer's Expense—5 lbs., \$1.30; 15 lbs., \$3.65.**

Early Red Valentine

Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality and unequalled uniformity of ripening; one of the most profitable sorts for market gardeners. **Postpaid, pkt., 10c; lb., 35c; 2 lbs., 65c. Buyer's Expense—5 lbs., \$1.35; 15 lbs., \$3.75.**

Longfellow

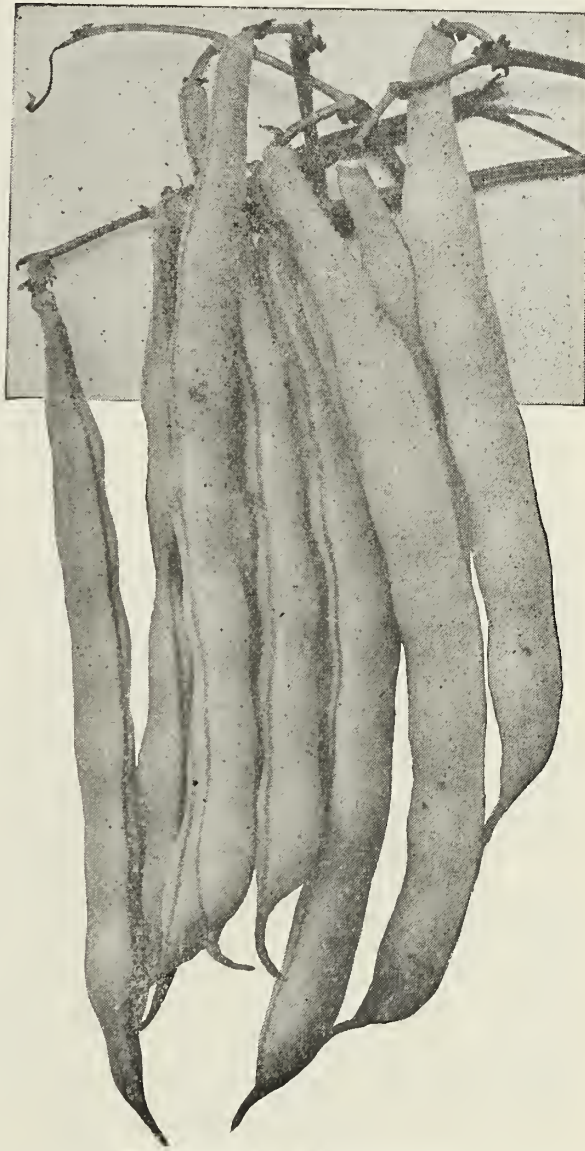
Attractive, Long Green Pods of Excellent Quality. This perfectly round, green podded bean is tender and prolific, and is one of the best varieties for the home garden. The pods are of fine quality, nearly stringless and exceedingly handsome. In production, very prolific; exhibits a profusion of highly beautiful, rich green pods 7 to 8 inches long, straight and round. When cooked the flavor is exquisitely delicious. The plant grows 14 to 16 inches high and ripens uniformly. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.35; 15 lbs., \$3.75.**

Refugee, or 1000 to 1

One of the best for main crop and late or succession plantings, enormously productive. The snaps are round, tender and of excellent quality. Later than the early kinds, but bears much longer and is more productive. **Postpaid, pkt., 10c; lbs., 35c; 2 lbs., 65c. Buyer's Expense, 5 lbs., \$1.35; 15 lbs., \$3.75.**

Early Yellow Six Weeks

The plants of this hardy variety, known also as Long Yellow Six Weeks, are large, vigorous, erect and very productive. The leaves are large. The pods are long, about six inches, straight, flat, handsome, rather light green and when young are



TUCKERS' FAVORITE.

of good quality for snaps. Seed medium sized, long, kidney shaped, light yellow with small brownish circle about the eye. This is early maturing and a fine shipper. It is much used for the home garden and market. **Postpaid pkt., 10c; lb., 35c; 2 lbs., 65c. Buyers expense 5 lbs., \$1.35; 15 lbs., \$3.75**

Mr. R. B. Bivens, Beggs, Okla., writes March 12, 1919, I am sending a seed order amounting to \$2.30. We ordered our garden seeds from you last year and can say we never had a finer garden I love to tell my friends and neighbors about Tuckers' Seeds. Everything I planted last year from your seed house proved to be just as good as recommended. I shall always order my seeds from you.

Mr. Hugh Bunch, Monett, Mo., writes March 22, 1919: Please notify me by return mail when you believe you will be able to ship the seed corn and cow peas. I am sure pleased with the other seeds you sent me. Every one says they are the finest they have ever seen. They sure do brag on the oats, they were planted the 12th. If the weather is favorable I want to plant corn about the 10th of April.

Market Gardeners and Large Planters wanting Larger Quantities of Beans or other varieties of seeds than listed, please write for quantity prices. We carry large stocks and can and will save you money on large orders.

WAX PODDED BUSH BEANS

Tuckers' Premium Wax.

See Illustration.

Extremely Early, Very Handsome Round Yellow Pods

Premium Wax is unusually robust and healthy. The strong foliage resists disease and unfavorable weather conditions perfectly, and the plants show no constitutional weakness. **Premium Wax** is prolific. Whether sown during spring, summer or fall, it invariably produces loads of handsome, waxy yellow pods, about 5 inches long. The pods are solid and very meaty. **Premium Wax** takes the prize for quality. The pods are tender at all stages of growth and of delightful flavor. They are of great beauty stand shipping well, and this, in connection with the prolific character of this sort, makes it pre-eminently a market gardener's favorite. **Postpaid, Pkt., 15c; 1 lb., 50c; 2 lbs., 95c. Buyer's Expense, 5 lbs., \$1.75; 15 lbs., \$4.75.**

Pencil Pod Black Wax

Although hardy, it is absolutely stringless, tender and of a most luscious quality; pods smooth, perfectly round, and straight as a lead pencil. In points of vigor, hardiness and prolificacy, it is certainly a winner. It stands in a class by itself. We have sold this bean for several years with the best of satisfaction under all conditions. **Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.00.**

Improved Golden Wax Rust Proof

In spite of all the new sorts of beans introduced every year our Golden Wax Bean still retains its popularity. This is a decided improvement on the old Golden Wax, as it is almost wholly free from rust. The pods are of a dark rich golden yellow color and of perfect shape. Cooking quickly as snaps, shelling well when green and of highest quality in either way. **Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c; Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.00.**

Webber Wax

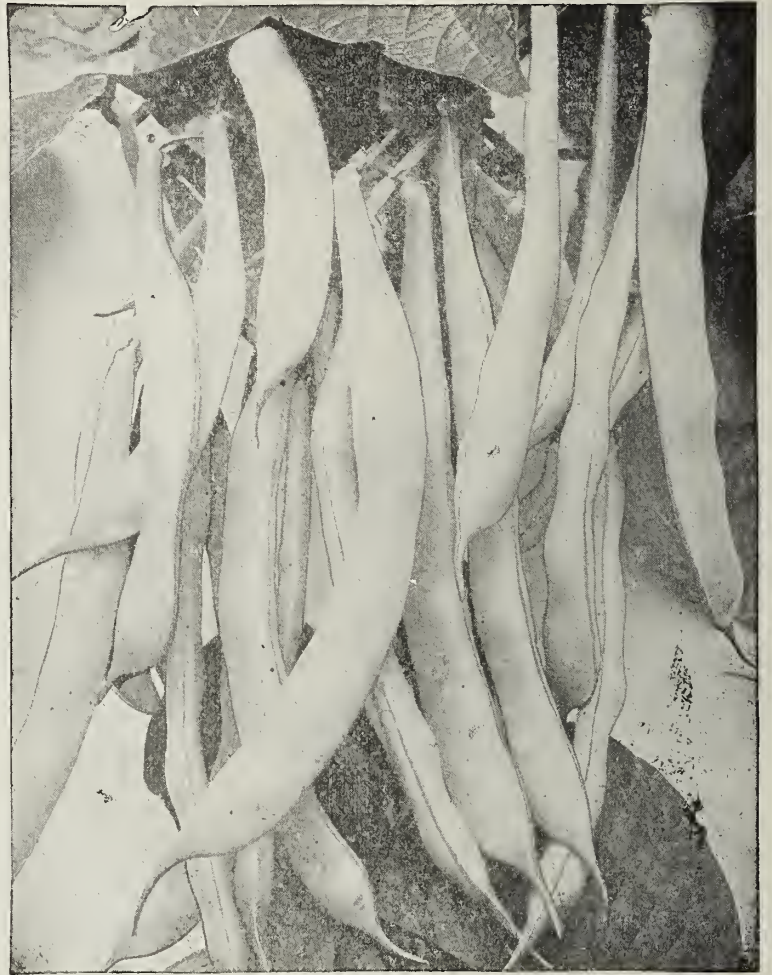
A new Wax Bean of distinct character. The vine is strong, holding the pods well up. The pods are of an exceedingly bright yellow color, handsomer in this respect than any other wax bean; in shape they resemble Wardwell's wax but are rounder and more meaty. The color of the seed is yellow. **Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.00.**

Wardwell's Kidney Wax

This variety yields a large crop of long nearly straight broad, light golden yellow, handsome pods. These are of large size, about six inches long and are of good quality. They always command a ready sale. Suitable also for snaps for the home garden use. The leaves are large and slightly roughened. Seed large, flattened, kidney shaped, white with dark markings about the eye. **Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.00.**

Davis White Wax

A very hardy and productive variety, desirable where a wax podded, white seeded midseason sort is wanted. Vines very vigorous. Pods invariably long, six and one-half to seven inches, light yellow,



TUCKERS' PREMIUM WAX

low, straight, handsome and when young are crisp and tender; seed medium large, kidney shaped, clear white; excellent for baking. **Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.00.**

Crystal White Wax

Distinct, but not strictly a wax bean. Vines large spreading, very productive. Leaves small. Pods greenish white with silvery shade, short, curved, round or thicker than wide, with crease in the back; very fleshy and brittle. Late maturing and very desirable for pickles. Seeds very small, oval white. **Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.00.**

Round Pod Kidney Wax

Pods are round. Plants grow strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat; crisp, brittle. Wonderfully early and productive and has become very popular. **Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.00.**

BUSH LIMA BEANS

Fordhook Bush Lima

The dwarf form of the popular "potato lima" and a very decided improvement in large bush limas. The beans are of the large lima type, but are thicker, rounder and of superior flavor. The bush is of stiff, erect habit, holding the beans well off the ground, so that the pods do not become discolored or injured from being beaten to the ground by the wind or rain. Very prolific, the pods each containing four or five large fat beans lying so closely together that they are flattened on the ends. The pods are so closely packed that they are very easily shelled. The green beans, even when full size, are tender, juicy and sweet. **Postpaid, pkt., 10c; 1 lb., 45c; 2 lbs., 85c. Buyer's Expense—5 lbs., \$1.70; 15 lbs., \$4.75.**

Henderson's Bush Lima

The Earliest of the Bush Limas—Grows in compact bush form and produces large crops of delicious beans they are small in size. Of high table merit, and a favorite for the home garden on account of its delicious flavor and great productive

ness. Ripens very early and bears until frost. **Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.65; 15 lbs., \$4.50.**

Burpee's Improved Bush Lima

The bush type of the well-known large white pole lima and of equally good quality. The plants are uniformly dwarf and erect, branches vigorously and is an immense yielder. The pods are well filled with very large beans identical in size and luscious flavor with the large white pole lima. **Postpaid, pkt., 10c; 1 lb., 45c; 2 lbs., 85c. Buyer's Expense—5 lbs., \$1.70; 15 lbs., \$4.75.**

Mrs. John A. Thompson, Treece, Kans., writes Feb. 2, 1919: My seeds and Onion Sets you sent were fine and thank you for the extras. Your packages are so large and such plump seeds, I am well pleased.

POLE, OR RUNNING BEANS

The Pole or Running varieties are tender and should be sown two weeks later than Bush Beans. They succeed best in sandy loam, which should be liberally enriched with manure.

Tuckers' Perfection Wax

The Finest Pole Bean, Large Golden Yellow Pods

See Illustration. Pods are long and so thick and fleshy that they are frequently greater in thickness than in breadth; they are meaty and nearly stringless. The vines commence to bear very early and bear until killed by frost. It is a vigorous grower, one plant filling a pole with a mass of vines densely loaded with the beautiful golden pods. We offer you this bean as being absolutely at the top in Pole Beans. Postpaid, pkt., 15c; 1 lb., 45c; 2 lbs., 85c. Buyer's Expense 5 lbs., \$1.60; 15 lbs., \$4.50.

Missouri Wonder.

Is enormously prolific and so hardy that it will often come up volunteer from seed that have remained on the ground all winter. It will grow and bear an abundant crop in spite of bad weather. Pods are light green, large and tender, stringless if picked young. Fine for shell beans or succotash if let grow. Postpaid, pkt., 15c; 1 lb., 45c; 2 lbs., 85c. Buyer's Expense, 5 lbs., \$1.75; 15 lbs., \$4.75.

Kentucky Wonder or Old Homestead.

An old favorite, with long, fleshy deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless crisp beans until late in the season. Of best quality. Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.25.

White Kentucky Wonder.

Very similar to Kentucky Wonder; but the seed is white, known also as Bergers Stringless Green Pod.

Very early, yet bears for a long season. The pods, 6 to 8 inches long, are borne in clusters, are of a rich dark-green color, very meaty, entirely stringless, tender and of excellent flavor and quality. The pearly white beans make splendid dry beans for winter use. Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.65; 15 lbs., \$4.25.

Lazy Wife.

Prolific sort, with handsome entirely stringless pods. They measure from 4½ to 6 inches in length, are thick and fleshy, retain their rich tender and luscious quality until nearly ripe. The white, dry seeds make excellent winter shell beans. Postpaid, pkt., 10c; 1 lb., 45c; 2 lbs., 85c. Buyer's Expense—5 lbs., \$1.75; 15 lbs., \$4.50.

Horticultural or Speckled Cranberry.

Short, broad green pods which become streaked with red when nearly ripe. As a shell bean, either green or dry, it cannot be surpassed in quality. The beans are large and easily shelled. Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.45; 15 lbs., \$4.15.

Red Speckled Cut Short or Corn Field

A popular variety for growing in corn, the vines being lighter than other varieties and will even grow without support; quite productive and of good quality. Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.40; 15 lbs., \$4.15.

Dutch Case Knife.

Vines moderately vigorous, climb well and excellent for a corn hill bean; leaves large, crumpled, and pods very long, flat, green in color becoming creamy white later. Beans broad kidney shaped, flat and white in color. Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.45; 15 lbs., \$4.15.

Fat Horse or Creaseback.

Especially valuable on account of its earliness and the fact that the entire crop may generally be harvested at one time. The vines are small, but produce large crops on good soil. Very good

quality as snap beans, but the seed is rather small to shell green. Fine to use in the dry state. Postpaid, pkt., 10c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.40; 15 lbs., \$4.15.

FIELD BEANS

White Navy or Prolific Tree.

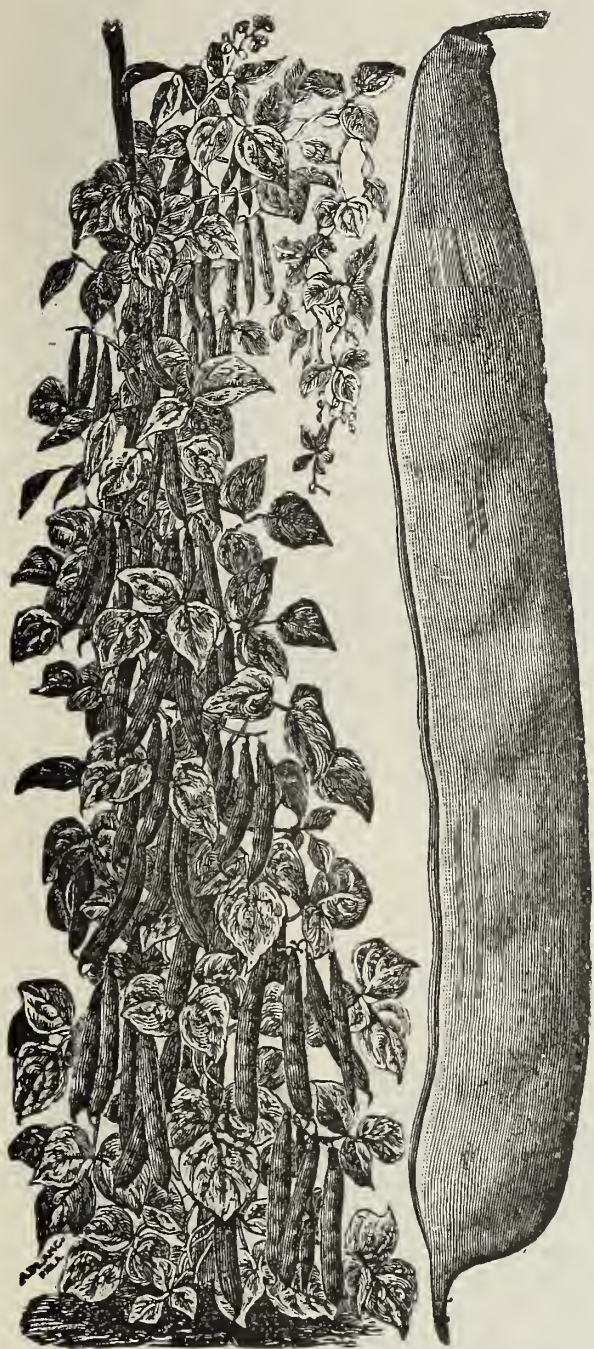
Genuine Michigan Type. Bean medium size and very prolific Navy Beans should be planted from the middle of June to the middle of July, on ground not too rich, to insure them bushing, or not growing to vines. Every farmer should grow his own Navy Beans for his year's use. Our stock is the Genuine Michigan Type. Plant 20 to 25 pounds to the acre. Postpaid, pkt., 10c; 1 lb., 30c; 2 lbs., 55c. Buyer's Expense—5 lbs., \$1.10; 15 lbs., \$3.00. Larger quantities 18c per pound.

White Tepary.

A white shell Bean more prolific than the Navy. This is a native of the arid Southwest and is well adapted to a dry climate; it is quick maturing and endures drought better than other varieties. It cooks tender and the flavor is delicious. Tepary Beans are immune to common Bean diseases. Plant 20 to 25 pounds to the acre. Postpaid, pkt., 10c; 1 lb., 30c; 2 lbs., 55c. Buyer's Expense—5 lbs., \$1.10; 15 lbs., \$3.00. Larger quantities, 18c per pound.

Pinto Beans.

This is the Genuine Mexican Pinto Bean. A great many people prefer this variety to the Navy or Prolific tree. The Bean is larger, rather cream colored, and marked with finer darker lines. Plant 25 to 30 pounds to the acre. Postpaid, pkt., 10c; 1 lb., 25c; 2 lbs., 45c. Buyer's Expense—5 lbs., \$1.00; 15 lbs., \$2.85. Larger quantities, 17c per pound.



TUCKERS' PERFECTION WAX

POLE LIMA BEANS

Lima Beans will not grow until the weather and ground are warm. If planted before, they are almost sure to rot in the ground. See cultural directions for Pole beans.

King of the Garden.

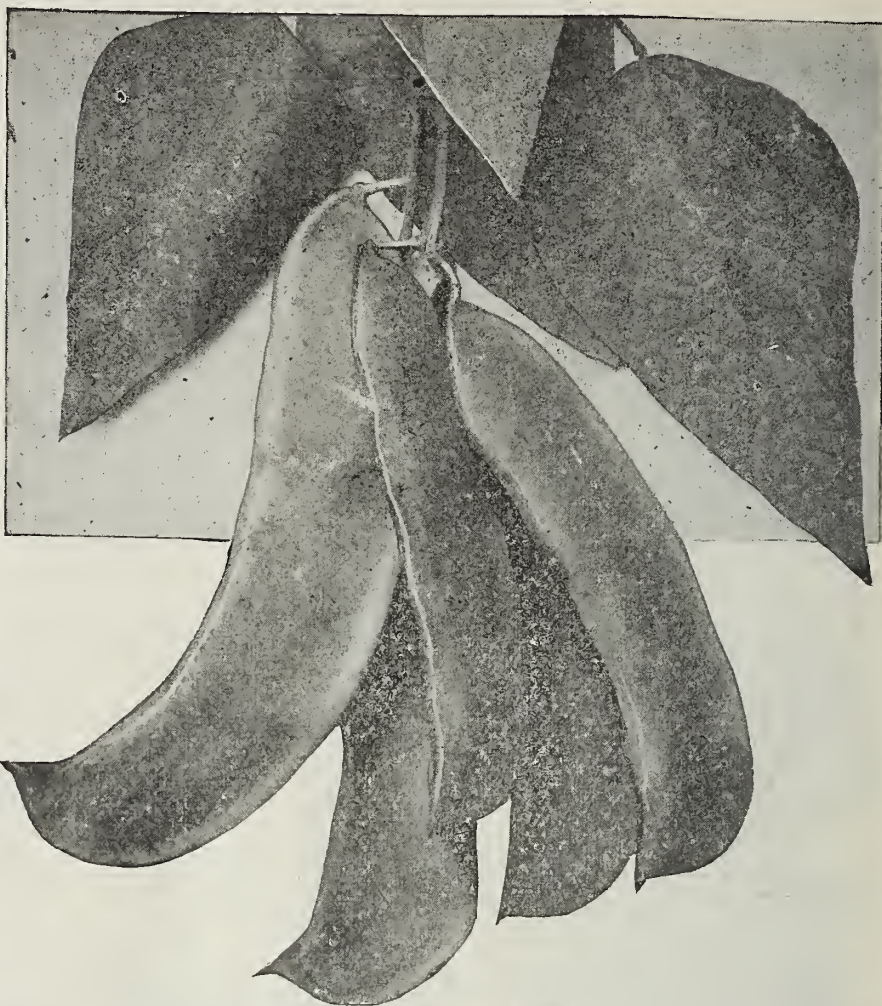
Undoubtedly this is more extensively grown than any other sort of its class. It is a **heavy yielder on all sorts of soil**, and is of excellent flavor. The pods are of enormous size, measuring eight or nine inches in length, and containing as many as eight or nine beans. **Postpaid, pkt., 10c; 1 lb., 45c; 2 lbs., 85c. Buyer's Expense—5 lbs., \$1.65; 15 lbs., \$4.50.**

Small White Lima, Carolina or Sieva

This very early and reliable small seeded pole lima is especially adapted for planting in the south. The vines are vigorous, with many short branches. The leaves are small, smooth, stiff, glossy, dark green. The pods are dark green, short, about three inches, curved, flat. Seed small, flat, white with slight tinge of yellow. This is sometimes called Sewee. It is the most generally known "butter beans" of the south. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.25.**

Speckled Pole Lima.

This is undoubtedly the greatest yielding Pole Lima Bean known today. It commences to bear very early and bears continually until killed by frost. It is an extra fine flavored bean, both in the green state and when shelled dry for winter use. The beans are medium size, beautifully speckled or blotched dark red to black. **Postpaid, pkt., 15c; 1 lb., 40c; 2 lbs., 75c. Buyer's Expense—5 lbs., \$1.50; 15 lbs., \$4.25.**



CAROLINA OR SIEVA

GARDEN BEETS

Beets grow best in moderately rich, light loam. Sow the seed as soon as the ground becomes fit to work, in drills 18 inches apart, 1 inch deep.

Tuckers' Crimson Globe.

See Illustration. The root is of medium size, generally about three inches in diameter, very handsome in shape, being a little deeper than round, with a remarkably smooth surface. It has a very small taproot. The very dark leaves are small and borne on slender stems, which occupy but a small portion of the root, but it is the exquisite tenderness of the flesh and the complete absence of any stringy or woody character that so thoroughly distinguish this beet. The interior color is very deep crimson, but is ringed or zoned in a most beautiful manner, making it very attractive in appearance. **Postpaid, pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.**

Detroit Dark Red.

Its small top, early maturing and splendid shape and color have made it a favorite. Top small, upright growing, so that the rows may be close together; leaf, stem and veins dark red, blade green; root globular and very smooth, color of skin dark blood red; flesh deep bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so for a long time. Very uniform in shape, color and quality. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.**

Crosby's Egyptian.

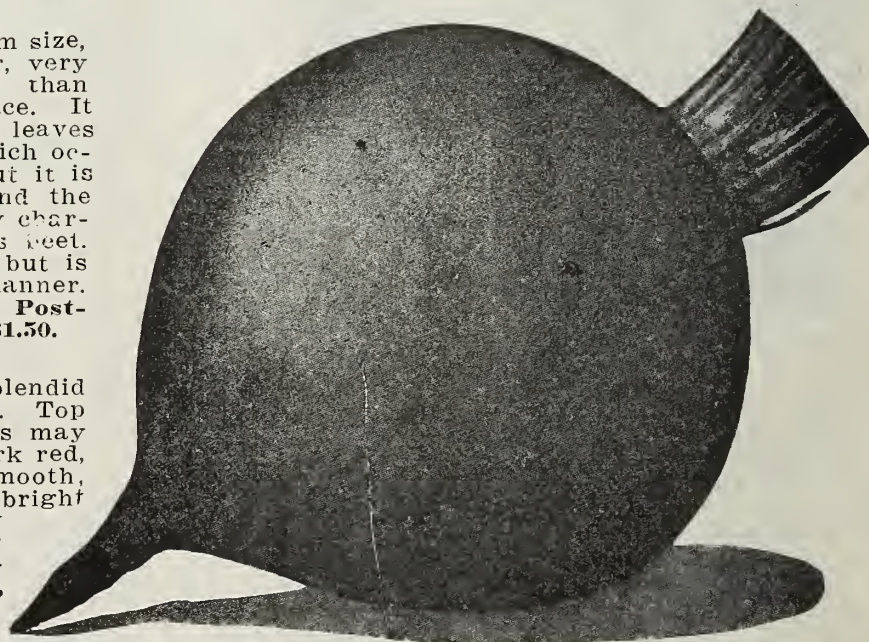
Much in demand by market gardeners for forcing and early out-of-door sowing. This beet is perfect in shape, and deepest red, almost black, in color. Equally good for early bunching as well as the fall market. Its fine color and superior quality make this one of the best beets. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.**

Early Blood Turnip.

Very uniform. Root is always smooth, round and handsome; top small; of good marketable size and among the best for table use. Color dark red; crisp, tender and sweet; good keeper. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.**

Extra-Early Eclipse

An early Beet especially desirable for the home garden. The tops are small. The roots are bright deep red, smooth, round or slightly top shaped, with a small tap and small collar. The flesh is bright red, zoned with pinkish white, very sweet, crisp and tender. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.25.**



Extra Early Egyptian.

Fine for forcing and first early outdoor crop; about ten days earlier than the Early Blood Turnip. Makes fine, smooth, almost flat, very dark red beets, firm, crisp and tender. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.25.**

Long Smooth Blood

A good keeper of good size, flesh dark blood red. The standard long, dark red beet. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.25.**

Swiss Chard or Spinach Beet

The plants grow from 2 to 2½ feet tall and consist when fully developed, of about a dozen creamy white, attractive curled leaves. These leaves are carried on broad, thick stalks, about 12 inches long.

Take the leafy portions of the plant and cook like spinach. Prepare the stalks as you would Asparagus. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.**

STOCK AND SUGAR BEETS

Sow 6 to 8 pounds of Seed to the Acre

Mangel-Wurzels

Mammoth Long Red

Also called Norbiton Giant, Jumbo Mangel, Colossal, etc. No other mangel can compare with this variety in yield. Crops of fifteen to twenty tons per acre have been made on good land and under thorough cultivation. The roots often weigh ten to fifteen pounds each. It grows well above ground, is easily pulled; the deep red roots are straight, well formed and solid. Especially adapted to deep soils. **Postpaid, pkt., 5c; oz., 10c; ½ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.75.**

Giant Sludstrup

Sludstrup is a long reddish yellow root, but not so long as the Mammoth long red. It grows more above the ground and is very easily harvested. The size of the roots, like all other varieties, depends entirely upon circumstances. They are frequently grown to a size weighing from 15 to 20 pounds each. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.**



MANGEL-WURZELS

Sugar Beets

Sugar Beets are not as heavy yielders as the Mangels, but are of superior quality, containing a large amount of sugar. They are excellent for feeding cows, improving wonderfully the quantity of milk. Same culture as Mangel-Wurzels.

Vilmorin Sugar

It unites capacity for a large yield with an exceedingly rich flesh, making it the best for cattle feeding. Tops medium sized; roots above medium size, long top-shaped, growing slightly above the surface; white, washed with red at top; flesh fine grained and very sweet. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.75.**

Giant Half-Sugar

This unites the large size of the mangel with the greater feeding value of the sugar beet. The roots average ten to twelve inches, and the outline is that of a broad thick wedge. The upper portion is of a soft bright pink, shading lighter toward the bottom where the lower portion for about one-third the length is white. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.75.**

Klein Wanzelben

This variety has proved to be a very valuable sort, not only in foreign countries, but as well in Colorado and other sections of this country, where it has been thoroughly tested. It has a rather long slender root, very rich in sugar. It is claimed to yield under average conditions about sixteen tons to the acre, containing 12 to 13 per cent of sugar. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.75.**

TABLE CARROTS

Sow in early spring in drills 15 to 18 inches apart, finally thinning the plant to 3 or 4 inches. If sown early on a moist soil a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. An ounce sows 100 feet of drill. Four pounds sow one acre.

Improved Long Orange

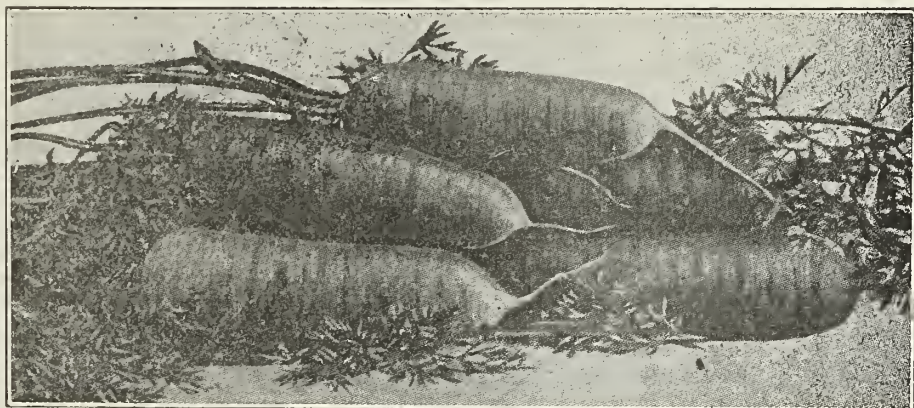
An improved and pure strain, producing roots of the largest size and superior quality. Color a deep orange, fleshy, very tender. One of the best varieties for home garden or market. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.**

Chantenay

Very productive, medium early and of excellent quality. Tops medium sized, neck small. Roots thick, five and one-half to six inches in length, uniformly half or stump rooted, but tapering slightly, smooth, deep orange-red in color. Flesh very crisp and tender. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.**

Danver's Half Long

A rich orange red variety, very smooth and handsome, producing large crops. It is an excellent market variety. Tops are of medium size and coarsely divided. Roots taper to a blunt point. Flesh is sweet, crisp and tender. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.**



CHANTENAY

Guerande or Ox-Heart

A variety with short, thick roots, the diameter often exceeding the length. Color bright orange. Sweet and fine grained; good for table or stock. **Postpaid, pkt. 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.**

CARROTS FOR STOCK FEEDING

Nothing will keep stock in fine healthy condition better than carrots, fed with grain and dry forage. They are highly nutritious and have a fine tonic effect as well. The varieties quoted below are practically identical except in color; can be stored for winter use like turnips; both are heavy yielders.

White Mastodian

Giant white, best and largest stock carrot grown, nearly one-half its length will be above ground when mature, which makes it easy to harvest. Will produce as many tons of green feed per acre as any vegetable grown. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.**

Large Yellow Belgian

A good keeper and large yielder. Makes long roots, yellow flesh and yellow skin except about one-third which grows above ground. Easily pulled and makes a great yield. Is a very desirable vegetable stock food. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.**

TUCKERS' QUALITY CABBAGE SEED

Cabbage requires deep, rich, mellow soil, and good culture to obtain firm, solid heads. For early use, sow seeds of the early kinds, in hot beds or in a box in the house, the last of January or early in February; transplant into open ground in April. For second early cabbage, sow in April and transplant in May. One ounce of seed produces about 2500 plants.

Tuckers' Early Wonder

The Greatest of all Early Pointed Head Varieties

(See Illustration.)—Will produce double the crop of any other early variety. It is very early and large, always extremely solid and fine ribbed. It is exceedingly tender, fine grained and as a cropper no early Cabbage will approach it. **Early Wonder Cabbage** is more solid and better flavored and keeps in fine condition. It is very dwarf and compact allowing of close planting. Heads fine, pointed-shaped and with few outside leaves, size ideal for marketing. It is entirely uniform, every plant producing a good head. An extra good cropper on account of extra size over many other first early sorts. **Postpaid, pkt., 10c; ½ oz., 25c; 1 oz., 40c; ¼ lb., \$1.25; lb., \$4.50.**

Selected Early Jersey Wakefield

Realizing the unusual importance of this universally grown variety our efforts have been unremitting to produce as thoroughbred a strain as it is possible to grow. Sureness to head and regularity in growth—it is indeed a thoroughbred strain. Makes a compact, solid head, with few outside leaves, permitting of close planting. Very hardy, resisting cold and unfavorable conditions, thus insuring the greatest likelihood of profitable and satisfactory results. **Postpaid, pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.00; lb., \$3.50.**

Glory of Enkhousen

It is very early and large, always extremely solid and fine ribbed, exceedingly tender and fine grained. **Glory of Enkhousen Cabbage** is more solid and better flavored and keeps in fine condition much longer than most early varieties. It is very dwarf and compact, allowing of close planting. Heads fine, ball-shaped, and with few outside leaves. Size ideal for marketing. An extra good cropper on account of extra size over many other first early sorts. **Postpaid, pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.10; lb., \$3.75.**

Charleston Large Wakefield

A selection from Early Jersey Wakefield, only it is about one week later than that popular early variety and grows much larger, heads often average 8 to 10 lbs. **Postpaid, pkt., 10c; ½ oz., 20c; 1 oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

Early Dwarf Flat Dutch

Excellent second early variety; producing fine, large heads. Highly valued for its quality and ability to resist heat. Heads very solid, broad round, flattened on top, tender and fine-grained. **Postpaid, Pkt., 10c; ½ oz., 20c; 1 oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**



TUCKERS' EARLY WONDER

Henderson's Early Summer

About ten days later than the Early Jersey Wakefield, but being fully double the size, may be classed with best large Early Cabbages. Equal in weight to most of late varieties; may be planted nearly as close as Early Jersey Wakefield. Keeps long time without bursting. Heads round. **Postpaid, pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

Early Winningstadt

Well known and popular. Heads large, decidedly conical. Solid, even in summer; almost worm-proof, because so hard. A very sure header. **Postpaid, pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

Copenhagen Market

(See Illustration at Bottom of Page.)

The heads are of exceptionally large size for so early a variety. The plant is of vigorous habit, but compact, with short stem and few outer leaves which are of rather upright growth. Heads round, very solid and of exceptionally good quality. Its earliness, compact growth, evenness of maturing, uniformity and size of head, firmness and most excellent quality combine to make Copenhagen Market one of the most valuable cabbage of recent introduction. **Postpaid, pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.00; lb., \$3.75.**



COPENHAGEN MARKET

SUMMER AND FALL CABBAGE

Tuckers' Prize Head Late Flat Dutch

(See Illustration).—This is beyond question the finest strain of Late Flat Dutch to be had anywhere and at any price. We have taken great pains in selecting our stock to maintain a high standard. It is a thoroughbred, and will meet every demand for a first-class hard-heading, long-keeping cabbage. No better late cabbage was ever offered.

Postpaid, pkt., 10c
½ oz., 20c; 1 oz., 30c; ¼ lb., \$1.00; lb., \$3.50.



The Volga

This variety is of the greatest uniformity. In a field of several acres frequently not a single plant shows any variation from a true and valuable type. In some respects it is a vegetable wonder, as the heads are about equal in size and shape, weighing from 12 to 15 pounds each, round as a ball, the largest measuring about 12 inches in diameter either way. Unlike most varieties, the heads are perfectly solid, and the stem does not run up into the head; the flesh is exceedingly firm, tender and white. Volga will mature its head fully two weeks earlier than any of the late growing kinds. Postpaid, pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.10; lb., \$3.75.

Danish Ballhead or Hollander

The heaviest cabbage for its size we have ever seen; exceedingly solid and hard; handsome, very hardy, a sure header, a good seller and one of the



CHINESE CABBAGE

This is a tall, loose leaved cabbage-like or kale-like plant grown throughout the south and known in different sections as "Cole," "Colewort," or simply "Greens." It is extensively used for the table as well as for stock feeding in the south where it continues in growth and is usable throughout the entire winter.

Sow the seed thickly in drills, in rich ground, transplanting when about four inches high; or sow in drills where the plants are to remain and

finest of keepers, making it particularly desirable for shipping long distances. Our stock is grown by the most careful and experienced grower in Denmark, where the finest Ballhead Cabbage in the world is grown. Postpaid, pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.10; lb., \$3.75.

All Seasons

One of the very best, either for early or late planting. Heads very large and round, often nearly spherical, but usually somewhat flattened. Very solid, and of the best quality, keeping as well as the winter sorts. The plant is vigorous and sure-heading. Remarkable for its ability to withstand hot sun and dry weather. Postpaid, pkt., 5c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

Surehead

As its name indicates, this is a sure header and one of the most reliable main crop and late cabbages. The heads are large, thick, somewhat flattened, very uniform in size and color, firm and solid, keeps well and makes a splendid shipper.

Heads ordinarily weigh ten to twelve pounds each and of the finest quality. Postpaid, pkt., 5c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

Chinese Cabbage (Pe Tsai)

Also known as "Celery Cabbage," "Odorless Cabbage," "Chinese Lettuce," etc. Introduced into this country from China. A new vegetable for the United States. It is a species of cabbage, with a fine delicate flavor, resembles a stalk of celery more than a cabbage head. It is as tender as head lettuce and once introduced becomes a great favorite and is in great demand for numerous dishes such as salads, cole slaw, and it can be eaten raw, or it may be cooked quickly. Soil best suited to it is low and moist and cannot be made too rich, if finest quality is desired, but it can be grown to fair size on any good garden soil that will grow good cabbage. If the weather should be very warm at the time of heading, tie up like Endive. Keep well watered. Postpaid, pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

Mammoth Rock Red

The largest and surest heading red cabbage, much better than stock offered as Red Drumhead. The plants are large and vigorous with medium length stem and spreading outer leaves, which are dark green with red veining. The heads are late maturing, large, round, very solid and of very attractive deep red color. The variety is much used for cole slaw and pickling. Postpaid, pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

Large Late Drumhead

A favorite winter cabbage, recommended for its fine large, deep, heavy and solid, long-keeping heads. Has few outside leaves. Especially good for shipping long distances. Postpaid, pkt., 5c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

COLLARDS

when well started thin to two or three feet apart in the row.

Georgia, or Southern

This is the white or green stemmed variety, growing two to three feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. A frost, if not too severe, will improve rather than injure the quality of the leaves. Postpaid, pkt., 5c; ½ oz., 10c; ¼ lb., 30c; lb., 90c.

CAULIFLOWER

Cauliflower delights in a rich moist soil and in dry seasons should be abundantly watered, especially when heading. Sow the seed early in the hotbed and transplant 2 to 3 inches apart in boxes or in another hotbed until such time as they are safe to be planted in the open ground, which in this latitude is usually the first of April.

Early Snowball

There is no better cauliflower and our strain is as fine as can be had at any price. It is not only the earliest to head, but a remarkably sure header, making large, solid, perfect, pure white heads of the finest quality. We recommend it also for the late summer and fall crop. As well adapted for forcing as for growing out of doors. **Postpaid, pkt., 20c; ¼ oz., \$1.00; oz., \$3.50.**

Dry-Weather Cauliflower

This is a fine, large, heavy variety that matures about a week later than Early Snowball. It is especially adapted for growing in dry locations on account of its large leaves, which furnish greater protection to the heads. **Postpaid, pkt., 20c; ¼ oz., \$1.00; oz., \$3.50.**



CELERY

Seed should be sown in April in a hotbed or boxes, filled with clean, mellow loam. Sow broadcast or in rows and cover with about one-eighth inch of fine soil or sand, pressing it down firmly. Keep the soil moist constantly. When plants are fairly out of seed leaf transplant into another bed or boxes, or thin out to 2 or 3 inches apart. Plant into the open ground the last of July.

EARLY SNOWBALL

Golden Self-Blanching

Genuine True Stock. The stalks are much broader grown from imported stock and heavier than those of the white varieties and greatly superior in quality. It is ready for use nearly as early as any other sort. The color is very handsome, stalks are crisp, tender and free from stringiness. **Postpaid, pkt., 15c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.**

White Plume

One of the most desirable varieties for either home or market use. It self-blanches beautifully, the stalks are crisp, succulent and of delicious flavor. **Postpaid, pkt., 10c; oz., 25c; ¼ lb., 90c; 1 lb., \$3.50.**

CELERIAC

Grown exclusively for its roots, which, when cooked, sliced and used with vinegar, make a fine salad.

Giant Smooth Prague

The best variety; large and smooth roots; excellent keeper. **Postpaid, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.75.**

Giant Paschal

Giant size, also very hardy, often standing freezes which completely kill other varieties. **Postpaid, pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$2.25.**



GOLDEN SELF-BLANCHING

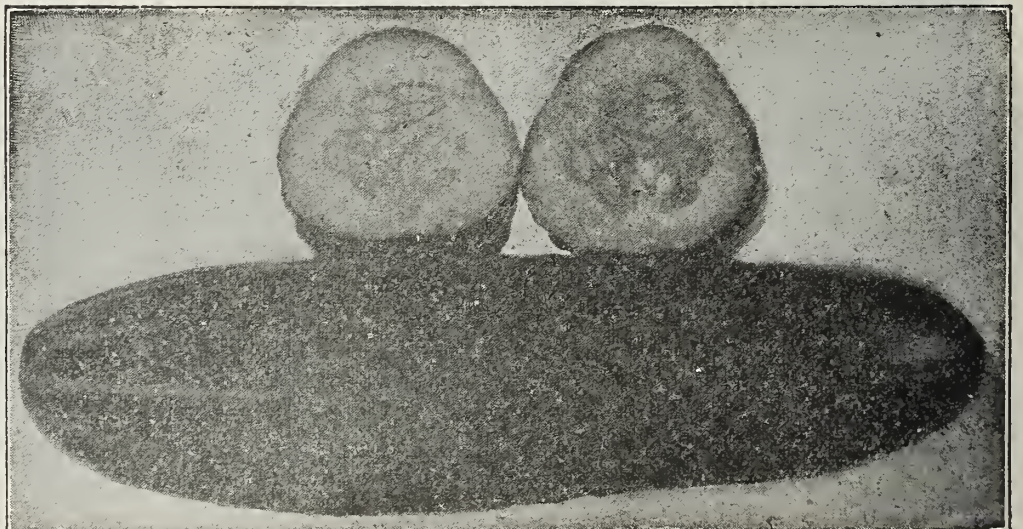
CUCUMBERS

Do not plant cucumbers before danger of frost has passed as the plants are very tender and the least frost will damage or kill them. Plant in hills or rows four feet apart, 10 to 15 seeds to each hill, make soil very rich. For pickles plant from June first to middle of July.

Tuckers' Superior Dark Green

The Perfect Ideal Dark Green Cucumber

In our estimation this is the best cucumber grown. It can be aptly described as the perfect cucumber. The fruits are a glossy dark green and remain that way longer than any other variety we know of. It is equally good as a pickle cucumber or for slicing for table use. The flesh is solid tender and of excellent quality at all stages of growth. It is very prolific bearing fruits of even size all through the season. **Postpaid, pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.**



CUCUMBERS

Earliest of All

First for the Table, Market and Pickling. Its extreme earliness is its greatest recommendation, making it invaluable. Its earliness and its very high quality make it a good variety for both home and market gardens, or for planting in June or July for late pickles. Although early, the fruits are of fine quality and the color an attractive dark green. When suitable for pickling, the cucumbers are straight, square ended and very firm. When ready for slicing they are 6 to 7 inches long, crisp and of a most delicious flavor. The vines are of extra vigorous growth and produce an abundance of fruits. Postpaid, pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

New Early Fortune

An attractive new variety. In color it is an attractive deep green, which it retains much longer than most other sorts. Being fine grained, its white flesh is exceedingly crisp and brittle, making it an excellent slicing sort. Early Fortune is one of the earliest dark green cucumbers for shipping as well as for table or market stall. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Klondike

A medium early, white spined cucumber of handsome, very dark green color and of excellent quality for slicing. The fruits when mature are about eight inches long, and are uniform in size and shape. Color dark green, slightly striped at the ends. Its uniform size and shape and splendid color are making this variety very popular as a shipping sort. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Everbearing

Wonderfully prolific. Bears continually the entire season. Blossoms and cucumbers at all stages of growth are found on the same vine. It is one of the earliest sorts and is a heavy cropper. The cucumbers will average about five inches in length and are of good form and color. An excellent sort for small pickles. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Davis' Perfect

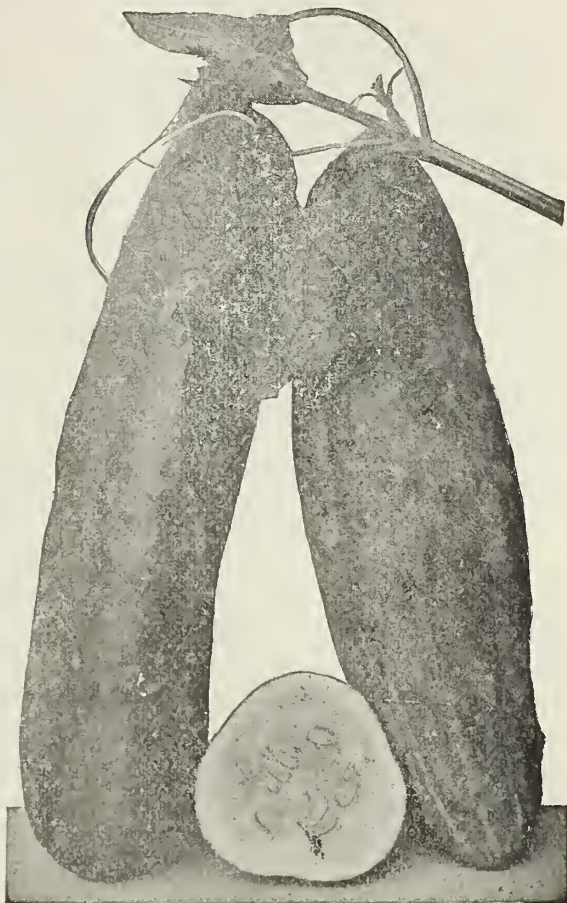
A sure money maker for those engaged in growing cucumbers under glass "for profit" as well as for truck gardeners to grow out-of-doors. On account of its being such a strong grower it is able to resist the cucumber disease. It is early as the earliest strain of White Spine. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Improved Long Green

Vines very vigorous and productive. The fruits are very long, slender and of uniformly dark green color. Furnishes some fruits early, but matures the bulk of its crop rather late. Excellent for slicing and very largely used for pickles. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Early Green Cluster

This is a short variety of a pale green color, which matures very early and is an excellent forcing kind. It is rather prickly and contains but few seeds. It is a great favorite for pickling on account of its productiveness. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.10.



Early White Spine

Very prolific, early, of good size, straight, well formed and full at both ends. The fruit is from six to eight inches long and two to three inches in diameter with flesh of excellent flavor, white; clear, crisp and very tender. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.10.

Small Gherkin

(For pickles.) A very small oval prickly fruited sort quite distinct from all others and grown exclusively for pickles. It is the smallest of all the varieties and should always be picked when young and tender. Postpaid, pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

SWEET OR SUGAR CORN

Don't Plant Sweet Corn Deep—Sweet Corn should not be planted over an inch deep; most people plant two or three inches deep, most sure to rot.

The Sweet or Sugar Corn Varieties, being liable to rot in cold or wet ground, should not be planted until May or when the soil has become warm and dry. For a full supply for the table during the entire season, plant every ten days or two weeks until the last week in July.

Early Adams

An excellent early field variety used for table. Ears about eight inches long, twelve or fourteen rowed; kernels white, rounded somewhat deeper than broad and indented at the outer end which is whiter and less transparent than the inner. Postpaid, pkt., 10c; lb., 25c; 2 lbs., 45c; Buyer's Expense—5 lbs., 85c; 10 lbs., \$1.50; 50 lbs., \$6.50.

Early Minnesota

The stalks are about six feet high, bearing one to two ears well covered with husks. The ears are about eight inches long, eight rowed; kernels very broad, sweet and tender, not shrinking much in drying. Postpaid, pkt., 10c; lb., 25c; 2 lbs., 45c. Buyer's Expense—5 lbs., 90c; 10 lbs., \$1.75; 50 lbs., \$7.50.

Mammoth Late Sugar

Produces larger ears than any other sugar corn and of good quality; a rich and very sweet late variety. Postpaid Pkt., 10c; lb. 30c; 2 lbs. 55c. Buyer's expense, 5 lbs. \$1.00; 10 lbs., \$1.85; 50 lbs., \$7.50.

Extra-Early Adams

Same size, type and style as Early Adams. Hardest and earliest corn. It is not a Sugar Corn, but is grown for early use. Ears short; kernels very white. Postpaid, pkt., 10c; lb., 25c; 2 lbs., 40c. Buyer's Expense—5 lbs., 85c; 10 lbs., \$1.50; 50 lbs., \$6.50.

Early Evergreen

This variety resembles the Stowell's Evergreen, but is ready for use much earlier. The ears grow to a good size, usually about 7 inches long, and contain from 12 to 14 rows of deep sweet grains. Postpaid, pkt., 10c; lb., 25c; 2 lbs., 45c; Buyer's Expense—5 lbs., 90c; 10 lbs., \$1.75; 50 lbs., \$7.50.

Black Mexican

This corn, when very young cooks remarkably white, but the ripe grain is bluish black. The stalks are about 6½ feet high. The ears are about six and one-half feet high. The ears are about eight inches long and are usually eight rowed. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. Buyer's expense, 5 lbs., \$1.35; 10 lbs., \$2.35; 50 lbs., \$9.50.

PLEASE NOTE

We will mail postpaid four 10-cent packets Sweet Corn, your selection of varieties for 30 cents.

CORN---Continued

Tuckers' Early Sugar Queen

The most delicious Early Sweet Corn you have ever eaten. In this new variety of Early Sugar Corn you will find the Purest Ivory White Corn. Sweetest Flavor and earlier than any early Sugar Corn you have ever grown. Early Sugar Queen matures in about 55 days from planting. Early Sugar Queen is the sweetest Early Sugar Corn you can possibly grow. The color is a pure ivory white, and the ears contain from 10 to 12 rows of grains each. Ears are perfect shape and filled well, clear to the end.

We consider Early Sugar Queen to be the finest Early Sweet Corn that it is possible to grow. Be sure and include Early Sugar Queen with your order. You will not be disappointed. Postpaid, pkt., 15c; lb., 35c; 2 lbs., 65c; Buyer's Expense—5 lbs., \$1.35; 10 lbs., \$2.35; 50 lbs., \$10.00.

Golden Bantam

The earliest and sweetest yellow grained sugar corn. Although the ears are not large, this is more than made up by its deliciously sweet flavor and tenderness. The ears are about 6 inches long and at least two ears are borne on each stalk. Can be planted earlier than any other sugar corn. Postpaid, pkt., 10c; lb., 35c; 2 lbs., 65c; Buyer's Expense—5 lbs., \$1.35; 10 lbs., \$2.35; 50 lbs., \$10.00.

Howling Mob

A large eared early sweet corn, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly-white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Postpaid, pkt., 10c; lb., 30c; 2 lbs., 55c. Buyer's Expense—5 lbs., \$1.10; 10 lbs., \$2.00; 50 lbs., \$8.00.

Country Gentleman

One of the richest flavored of all the late varieties. As a table corn, this variety stands unrivaled, and without a doubt is one of the most luscious of all varieties of Sweet Corn. The plump, pearly-white kernels are of great depth, and most delicious, and the flavor will delight an epicure. We have selected this sort for many years and are especially proud of our strain. It comes as true to type as any we have ever seen. Ears average 9 inches long by 2 inches in diameter and are typical "shoe-peg." Postpaid, pkt., 10c; lb., 30c; 2 lbs., 55c; Buyer's Expense—5 lbs., \$1.10; 10 lbs., \$2.00; 50 lbs., \$8.00.



TUCKERS' EARLY SUGAR QUEEN

Tuckers' Sweetheart Sugar Corn

(See Illustration). Absolutely the Whitest and Sweetest Main Crop Sugar Corn. The ears are large, measuring 8 to 9 inches long, thick through, with ten or more rows of plump and purest white kernels that are of most deliciously sweet flavor.

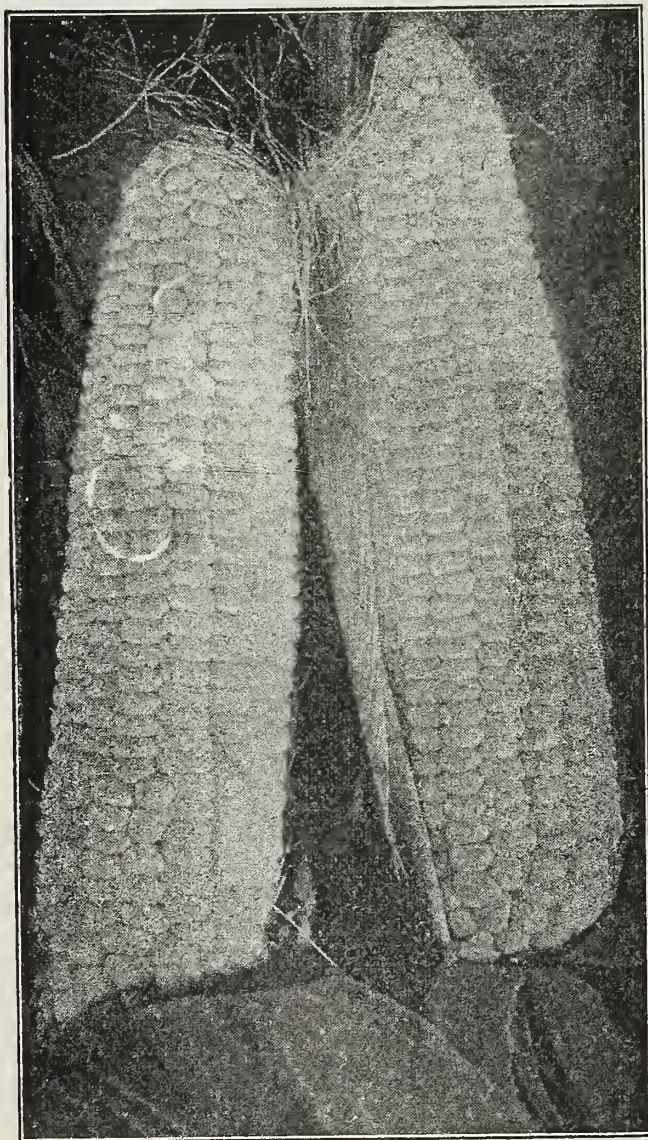
Stalks average 6 feet tall, broad leaved and very strong growing. Sweetheart sugar corn is not an extra early, but a medium early main crop variety. We especially recommend this new corn for your home garden, and know positively that you will be more than pleased with the results. Market gardeners give this new variety a trial, it is sure to please you. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. Buyer's expense 5 lbs., \$1.35; 10 lbs., \$2.35; 50 lbs., \$9.50.

Narrow Grain Evergreen

This New Type Sweet Corn is a decided improvement over the old White Grain Evergreen. The ear is as large as the Stowell's Evergreen and averages more rows to the ear. The cob is small in comparison to the size of the ear, and the kernels are very long, narrow and remarkably free from starch. The rows are uniformly straight and the ear holds its evenness from butt to tip more uniformly than any other type of Evergreen. Postpaid Pkt., 10c; lb., 30c; 2 lbs., 55c. Buyer's expense 5 lbs., \$1.10; 10 lbs. \$2.00; 50 lbs. \$8.00.

Stowell's Evergreen

The standard main crop variety, much used for the home garden, market and canning. It is hardy and productive, very tender and sugary, remaining a long time in condition suitable for boiling. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character in this best known of all late sorts. The ears average about 7 to 8 inches long, fourteen to twenty rowed, with very white grain. The stalks are about seven and one-half feet high. Postpaid, Pkt., 10c; lb. 30c; 2 lbs., 55c. Buyer's expense 5 lbs., \$1.00; 10 lbs., \$1.85; 50 lbs., \$8.50.



TUCKERS' SWEETHEART

EGG PLANT

Sow in hot-bed in February or March and keep well protected so that the growth be rapid and not checked. When 2 inches high, transplant to pots, in boxes or in the beds 3 to 4 inches apart, and when frost is past, set out 3 feet apart in a deep, rich loamy soil. Dust lightly with Slug Shot to protect from bugs. Seeds germinate slowly. One ounce will produce about 1,000 plants.

New York Improved Large Purple

The standard variety everywhere. The eggs come early, are of large size, regular oval shape and a fine deep purple in color. Postpaid, pkt., 10c; oz., 50c; ¼ lb., \$1.90.

Black Beauty

From ten days to two weeks earlier than the purple varieties, and of rich, lustrous, purplish black color, and is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. Postpaid, pkt., 10c; oz., 50c; ¼ lb., \$1.85.



EGG PLANT

early, are of large size, regular oval shape and a fine deep purple in color. Postpaid, pkt., 10c; oz., 50c; ¼ lb., \$1.90.



ENDIVE

ENDIVE

For an early crop, sow in April in drills 15 inches apart, and later thin the plants to stand 12 inches apart in the row. The main sowings are made in June and July. When nearly full grown, gather up the leaves and tie them by their tips to blanch them. One ounce of seed will sow 150 feet of drill.

Fine Green Curled

Hardest variety! the most desirable for home use or market garden. Deep green leaves, beautifully cut and curled; easily blanched. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

Early White Curled

The plants are moderately dense, with divided leaves which are very light yellowish green in color, even the outer ones being very light. This variety blanches readily to an attractive creamy white. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

LEEK

Culture. This mild member of the onion family is used in soups and salads. Sow one ounce to one hundred feet of row or four or five pounds to the acre, one-half inch deep, as early as the soil can be worked in spring. Thin the plants to a stand of four to six inches in the twelve to eighteen-inch rows. It is advisable to throw earth to the plant to blanch it very much as celery is blanched.

London Flag

This is the standard variety which is more universally grown than any other Broad leaved, hardy, productive and good quality. Postpaid, pkt., 10c; oz., 20c; ¼ lb., 70c.

KOHL RABI

For early use, sow in horbed, transplant and cultivate like Early Cabbage. For winter use, plant the middle of June or first of July outdoors in rows 18 inches apart, transplanting or thinning out to 8 inches in the rows. One ounce of seed sows 200 feet of drill.

Early White Vienna

Greenish white outside with clear white flesh within. Smooth short leaf, good for forcing; fine quality. Postpaid, pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

Early Purple Vienna

Same in every respect as the early White Vienna, except in color. Postpaid, pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

OKRA

The young seed pods of this plant are largely used for soups stews and catsup. The seed can be sown soon as all danger of frost is past and the ground is warm. Sow in rows about 2½ feet apart and when plants are well up, thin to 8 inches apart. One ounce will sow a 40-foot row.

Dwarf Green Pod

Plant dwarf, are very productive. Produces beautiful, long, slender, deep green pods which remain tender a long time. An extra choice variety. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

White Velvet

Distinct in appearance; the large pods are perfectly round, smooth, an attractive velvety white of superior flavor and tenderness. Plant of compact branching growth; prolific. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



OKRA



ERBUKT KOHL-RABI

TUCKERS' QUALITY LETTUCE

Selected Big Boston

A Grand Large Head Lettuce for Early Summer or Fall use. Big Tender and Crisp. Creamy White Heads. —The king of all large head lettuces. A most desirable variety, either for forcing in cold frames or open ground planting. The Big Boston is sure to be wanted by market gardeners and trucksters because it always produces large, solid salable heads, and will commend itself to amateurs because it heads up well at all seasons of the year, and is of crisp, tender quality. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35.

May King

This remarkable variety has proven itself capable of satisfying the most exacting requirements that could be made on an early outdoor lettuce. It is not easily affected by cold or wet weather, grows very quickly and produces, even in poor soil, splendid globular heads very early in the spring. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Selected Grand Rapids

Especially adapted for greenhouse culture in winter; also a good Lettuce to sow outside early in the Spring for family use. Grand Rapids does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good marketable condition for a long time after cutting. We take special pains to have our strain of Grand Rapids very true to type and are selling some of the largest greenhouse lettuce growers their supply annually. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Black Seeded Simpson

One of the best for sowing outdoors where an exceedingly tender leaf is desired and for those markets which demand a very large loose clustering sort. The color is an attractive light yellowish green. It is used also for growing under glass or in frames. The leaves are ruffled and blistered and even the large outer ones are very tender. This curly and thin-leaved, bunching variety is uniformly attractive and remains of excellent quality a very long time. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10.

Prize Head

Mammoth heads; even the outer leaves are crisp and tender; light green, tinged with brownish red. Superb flavor; very hardy; very fine for home use. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10.

California Cream Butter

Stands the hot summer weather of the west and south better than most any other variety. Well formed large heads with rich, yellow leaves that are thick, tender and fine flavor. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Felix Genseth, Big Cabin, Okla., writes March 21st, 1919. I have always been well satisfied with the seed I get from you.

Mr. John McGill, Lowry, Ark., writes March 10th, 1919. Received the order all O. K. and very much pleased with it.

D. B. McClure, Crane, Mo., writes Jan. 25, 1919. Please send me your catalog. I have used your seeds for several years now and want your catalog to order my seeds from you again this year.

Mrs. J. H. Galeener, Sikeston, Mo., writes Jan. 24, 1919, I liked your seeds so well last year, would like to order of you again. Will you kindly send me a catalog by return mail.



BIG BOSTON

Celery Lettuce, Trianon Cos

This variety is the finest of the Cos or blanching sorts. The long, narrow leaves, which form solid heads, like Early Jersey Wakefield Cabbages blanch and become snowy white. Excels in quality and crispness. The leaves, when blanched, are stiff like Celery, and can be eaten in the same manner. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35.

Improved Hanson



TRIANON COS

None more reliable for outdoor cultivation. Heads grow to a remarkable size, resembling that of a flat cabbage. Extremely slow to run to seed. Outer leaves are bright green, inner leaves white and deliciously sweet, tender and crisp. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Early Curled Simpson

A leading early sort; does not head, but forms a compact mass of curly leaves of yellowish green, generally grown in cold - frames and as an early crop. Very tender and most crisp. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10.

Mrs. Elvira Howell, Hamburg, Mo., R. 1, writes Feb. 10, 1919. Please give me prices on Sweet Potato Plants I like your seeds very much.

Mrs. Arman, Columbus, Kans., writes June 3 1919. I am certainly pleased with everything I have received from you; my orders are small, as I have a small garden.

MUSTARD

Ostrich Plume

An improved strain of the Southern Giant Curled, but immensely superior to this sort both in appearance and delicate flavor. The leaves are finely cut and densely curled resembling wavy ostrich plumes. Of very thick growth and mild flavor. The finest mustard in existence. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c.

Giant Southern Curled

This variety is a great favorite in the South for garnishing. Grows about 2 feet in height with very lark green leaves the edges of which are finely curled. Postpaid, pkt., 5c; oz., 10c; ¼ lb. 30c; lb. 75c

Black or Brown

Old standard variety. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

Chinese Giant

The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent. Plants of very quick growth and fairly upright. This sort is preferred by many, as it is more easily prepared for the table than the rougher leaved variety. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c. **White or Yellow London**

The leaves are comparatively small and smooth, deeply cut or divided and of medium dark green color. The plant is upright, of rapid growth and soon bolts to seed. The leaves, when young are mild and tender. Seed light yellow and larger than that of other varieties. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

HERBS

Herbs delight in a rich, mellow soil. Sow in early Spring, in shallow drills, 1 foot apart; cover lightly with fine soil, and when up a few inches, thin out, or transplant into prepared beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air. Varieties in the list marked with an (*) are perennials.

Pkt.	Oz.	Pkt.	Oz.	Pkt.	Oz.
Anise	10c 20c	Coriander	10c 20c	Summer Savory	10c 20c
*Caraway	10c 15c	*Fennel, Sweet	10c 20c	Sweet Mar-	
*Catnip, or Cat-		*Horehound	10c 20c	joram	10c 20c
mint	10c 35c	*Lavender, Sweet	10c 20c	*Thyme	10c 35c

Sage—Sow in rich ground and thin out the plants to stand 15 inches apart. Used for flavorings and dressings. Postpaid, pkt., 10c; oz., 45c.

Rhubarb, or Pie Plant

Will not stand extreme heat, so it should be grown in a moist or shaded situation. Sow in March or April, and when a few inches high, thin out to 12 inches apart, and in the fall, or following spring, transplant 2½ to 3 feet apart in 6-foot rows. Fall-set roots should be protected with well rotted manure.

Giant Victoria

Sometimes weighing 1 pound each. Skin thick and Red stained. Pulp quite acid, productive and profitable for market gardeners. Postpaid, pkt., 15c; oz., 20c; ¼ lb., 75c; lb., \$2.45.

Rhubarb Roots

We supply fine roots of the Giant Victoria, not seedlings. Mailing size, each 10c; dozen, \$1.00, postpaid. Buyer's Expense—Dozen 60c; 25 for \$1.00; \$3.50 per 100.

Horse Radish

Roots ready for planting—By mail, postpaid, 6 for 15c; doz., 25c; Buyer's Expense, 100 for 75c; 300 for \$1.80; 500 for \$2.50; 1000 for \$4.50. Prices on large lots on application.

MUSKMELON

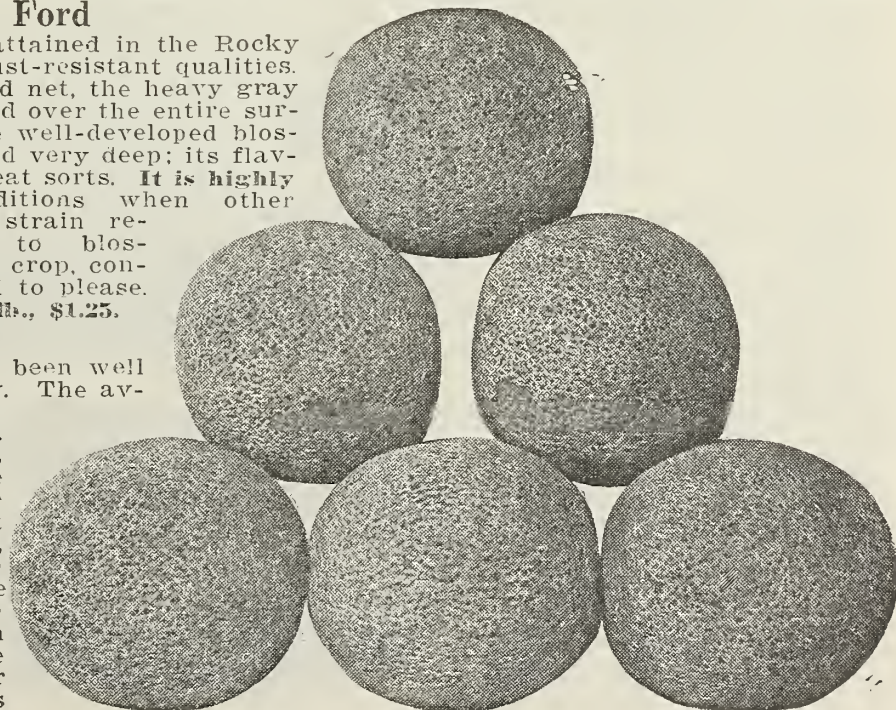
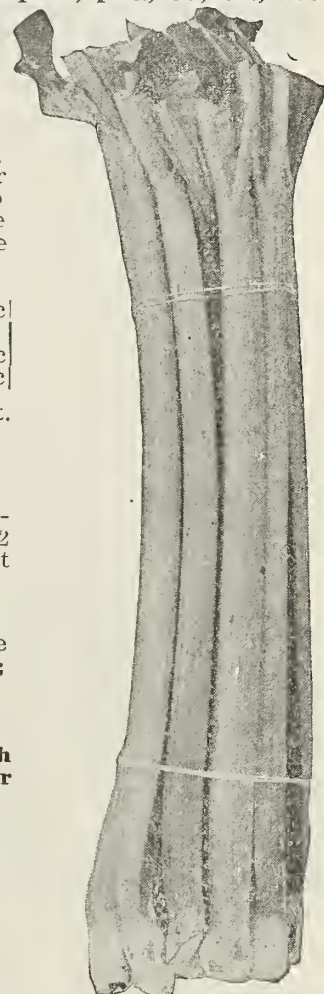
After danger of frost is past, the ground being warm and in good condition, plant in rich soil preferably sandy loam, in hills about four to six feet apart according to the vigor of the variety. Put ten or twelve seeds in a hill, covering with about an inch of fine soil firmly pressed down. When the plants begin to crowd and the striped beetles are pretty well gone, thin to four of the most vigorous plants in a hill. Give frequent, but shallow cultivation, until the plants make runners so long that this is impracticable. Rich earth for the young plants is far better than manure, but if the latter must be used, see that it is well rotted and thoroughly mixed with the soil.

Rust Resistant Rocky Ford

This is the highest development yet attained in the Rocky Ford Cantaloupe, both in netting and rust-resistant qualities. The melons appear as shown in cut, solid net, the heavy gray netting being closely laced and interlaced over the entire surface of the melon from the stem to the well-developed blossom button. The meat is light green and very deep; its flavor is not excelled by any of the green meat sorts. **It is highly rust-resistant.** Under unfavorable conditions when other strains rust badly the vines of this strain remain green and thrifty, continuing to blossom and set on fruits. It yields a heavy crop, continuing long in bearing, and cannot fail to please. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Honey Dew Musk Melon

A Delicious New Melon. Its name has been well chosen, as it is about as sweet as Honey. The average size is about six inches in diameter, and they weigh five to six pounds. The skin is smooth with little netting, and of creamy yellow when ripe. The flesh is a beautiful green next to the outside rind, shading to light green at the center. It is very thick, melting, fine grained and can be eaten almost to the rind, and the seed cavity is quite small. It is very prolific, crops of 8,000 to 10,000 melons per acre having been reported. It is easily pulled from the vine, when fully ripe, and will keep for several weeks. The late maturing fruits are said to have kept until Christmas. Pkt., 10c; oz., 15c; ¼ lb. 45c; lb., \$1.50.



RUST RESISTANT ROCKY FORD

MUSK MELONS, Continued

Hoodoo

Sometimes sold as Ordway Queen. This is an orange fleshed variety of medium size, ideal as a shipping melon and a desirable mid-season sort for the home garden. The vines are vigorous, blight resisting and very productive. The fruits are nearly round and are uniformly of medium size. The netting is exceptionally fine and dense, extending over practically the entire surface. The rind is thin, yet very firm, so that the melons arrive in perfect condition in distant markets. The flesh is very thick, firm, highly colored, of fine texture and delicious flavor. **Prepaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.10.**

Extra Early Hackensack

(Green flesh)—This is a variety possessing all of the good qualities of the large Hackensack, but by careful selection a strain has been secured which will ripen about a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 1.00.**

Tip-Top

Tip-Top in Quality—Tip-Top in Appearance—Tip-Top in Productiveness. The testimony of all who have used Tip-Top is that every melon produced, whether big or little, early or late, is a good one—sweet juicy finest flavor, firm fleshed, and eatable to the outside coating. Fruit of large size, and flesh attractive bright salmon in color; nearly round, evenly ribbed, moderately netted, very productive. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.10.**

Rocky Ford Pink Meat

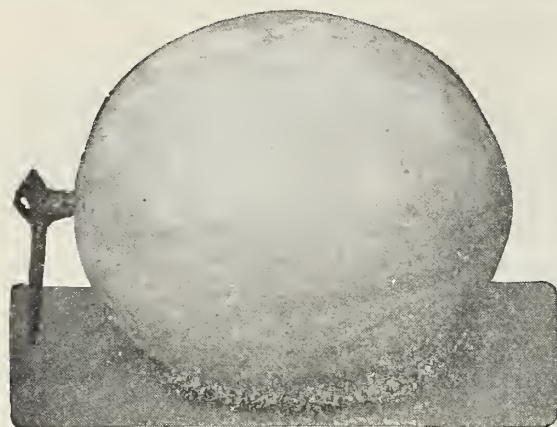
The Pink Meat Rock Ford Cantaloupe has become very popular in the last two or three years. It is beautifully netted. Its shipping qualities are excellent, quality all that can be desired, and we believe is destined to be very popular. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.10.**

Banana

Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Fragrant, and one of the most delicious of melons. **Early. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.10**

Mixed Musk Melon Seed

In this mixture we have included seed from all of the varieties listed on this page. You will find it dandy for your home garden, as it will give you a greater variety to select from. **Postpaid pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**



HONEY DEW

Hackensack or Turk's Cap

A well known sort of good quality. The vines are hardy, vigorous and productive. The fruits are nearly round, always somewhat flattened. The ribs are large and of irregular width, and the fruits are densely covered with coarse netting. The flesh is green, thick, coarse, but juicy and sweet. This is still an extensively grown main crop melon in some sections for the market and home garden. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.**

Tuckers' Champion Market

Champion Market is one of the sweetest and most luscious green-fleshed Cantaloupes. Distinctly ribbed and thickly netted; color of skin grey-green. The flesh is an attractive green of exquisite texture, sugary, juicy, tender and entirely free from any stringiness. The vines are of luxuriant and vigorous growth yielding bountifully. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.15.**

Delicious Gold Lined.

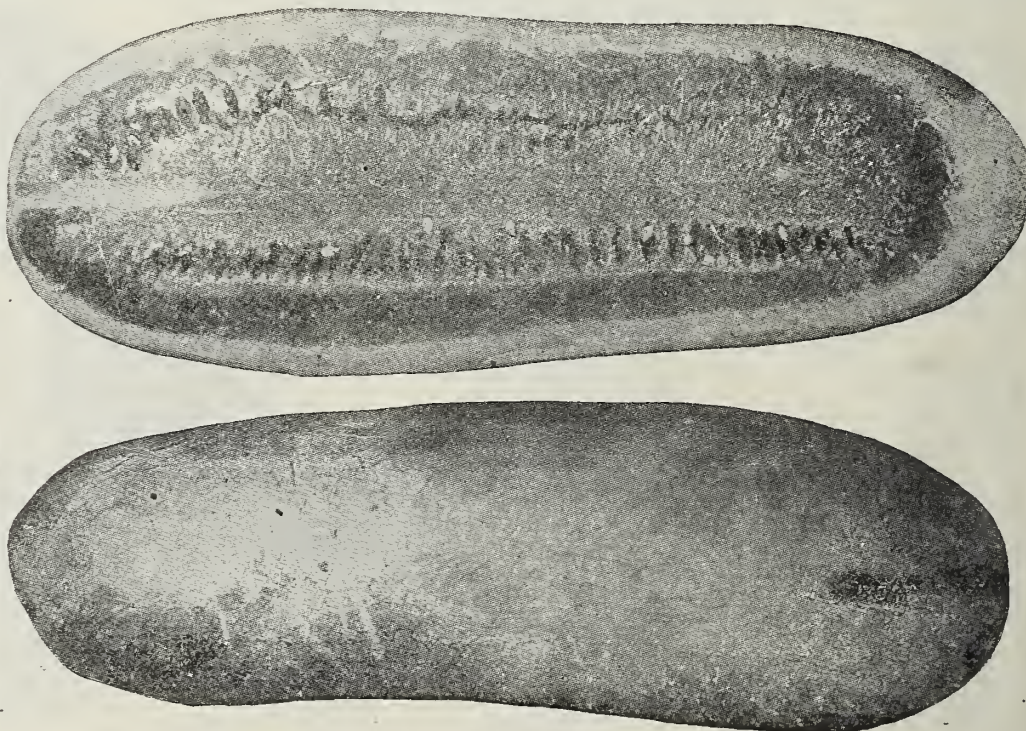
One of the Sweetest and most Delicious Melons. (Green flesh)—One of the sweetest and most delicious early melons. The melons are deeply netted, with a heavy grayish netting. Its shape is ideal, very slightly oval, no ribs and is heavily netted over the entire melon. A wonderfully prolific yielder. The close and deep netting protects its keeping and shipping qualities. The seed cavity is very small, the attractive green flesh is thick and firm, and lined with a gold margin next to the seed, making it one of the best melons for market as well as the home garden. **Postpaid pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.65.**

WATERMELONS

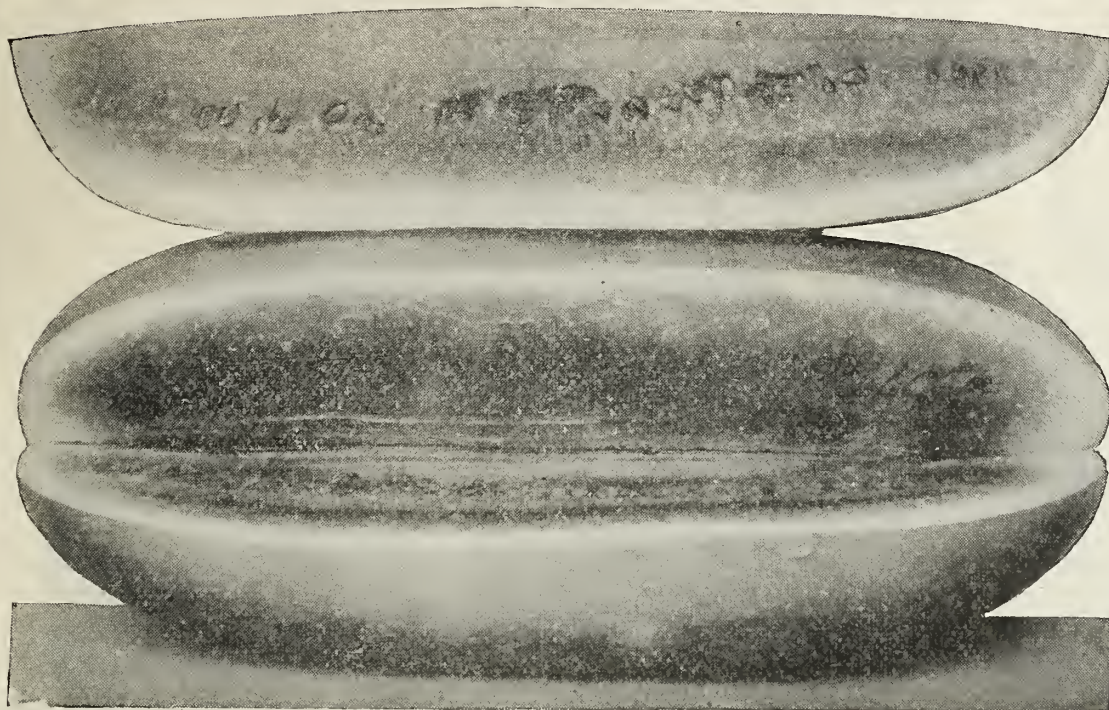
A light, sandy soil, with good exposure to the sun, is the best situation to plant Water Melons. The ground should be prepared deep, but receive shallow cultivation. Hoe often and very thoroughly. If extra-large Water Melons are desired, for exhibition purposes, leave but one or two on a single vine. Plant in hills 8 to 10 feet apart each way, with a very generous shovelful of well-rotted manure mixed with the soil in each hill. If commercial fertilizer is used, it should contain a large percentage of ammonia and potash. Plant eight or ten seeds in each hill, and finally, when danger from insects is past, thin out to three strong plants. **One ounce of seed will plant 20 to 30 hills; three or four pounds will plant an acre.**

Tuckers' Delicious

A Grand Watermelon. We want you to try this grand melon for your own table, you will certainly be surprised by its delicious flavor. Delicious Melons are oblong in shape. Averaging eighteen to twenty inches in length, color light green, flesh of the deepest indescribable crimson, delightfully sweet and refreshing. The vines are robust and strong growing. They should be planted fully 12 feet apart each way, often setting fruit before runners are a yard long and so prolific that you can almost walk across the patch on the melons. One distinct feature of this melon is that the flesh is a good deep red by the time the seeds are formed in it, often before the melon is really half grown. **Postpaid, pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**



WATER MELONS, Continued



IRISH GRAY

Kleckly Sweets

Of superb, luscious flavor, very desirable to plant for home use or local markets. The melons are oblong in form, with dark green skin, with distinct netted lines of a darker shade. The thin rind which is very brittle. Flesh bright scarlet with solid heart, deliciously crisp, sugary and splendid in every way. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

Halbert Honey

This melon is as handsome in color as the Kleckley Sweets, but more regular in form and much more productive. Growing as long as the Kleckley Sweets, the melons are blunt both at stem and blossom end, generally free from any appearance of neck. They average 18 to 20 inches in length; 6 to 8 inches in diameter. Color of rind a clear, glossy deep green. The flesh is a beautiful crimson, extending to within less than half an inch of the rind, which, like the flesh, is so tender it will not stand shipping any distance unless carefully handled. It is essentially the home melon for the home garden and for local markets. We offer direct headquarters seed that cannot be surpassed. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00. pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

New Chilian

The Chilian Watermelon is different in many marketable degrees. It is smaller than the usual oblong melon and almost globular in shape, and only about 12 inches in diameter either direction. The variety is wonderfully prolific and bears more early ripening melons than perhaps any other variety grown. The flesh when the melon is cut is firm, never mealy, granular or stringy, and of a brilliant deep blood red color, right up to the thin rind. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1**

Golden Honey

A beautiful golden-flesh melon, one of the finest we have ever tasted. The flesh is a beautiful glistening amber shade of yellow. It is medium early, of uniform large size and oblong shape, and has a very handsome appearance. The color of the rind is light green, with mottled stripes. This melon has no hard core or stringy sections. **Postpaid, pkt. 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Hungarian Honey

A new variety brought from Hungary a few years ago. They grow round as a cannon ball, very uniform in size and weight, running from 10 to 12

Irish Gray

(See Illustration) — **A Grand New Watermelon.** A new watermelon, which is destined to become very popular and take front rank both as a market, shipping and home garden melon. Irish Gray is a distinct and very valuable new melon, wonderfully productive, will produce more good melons under the same conditions than any other variety; long, thick, uniform; color of rind, yellowish grey interwoven with threadlike veins, smooth marble-like surface, almost as hard as the Citron, flesh sparkling bright red, sweet and entirely free from hard centers or stringiness, yet the flesh is very firm and compact, will not break when sliced, one of the best shippers; average size 30 pounds; time for ripening 85 days, seeds white. **Postpaid, pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.**

pounds. The outside skin is dark green, rind thin, flesh red and unusually sweet and luscious. **Postpaid pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Tom Watson

Is an extra long melon of attractive appearance, uniform in shape and quality. **The luscious crimson flesh is "as sweet as honey" melting and of superb flavor.** The average melon will weigh 35 to 40 lbs., and measures about 28 inches long and about 12 in diameter. It is very prolific, producing in greatest abundance the large delicious fruits. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.**

Sweet Heart

Large and heavy, oval shape, pale green color with distinct, netted lines of a darker shade. The solid flesh is deep rich red; crisp and luscious. Extra fine for home use, but bears shipping well. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Bradford

The vines are strong and healthy, producing a large number of attractively shaped melons. The color is dark green with darker stripes. **Bradford Melons are large, and heavy weighing 35 to 40 pounds.** Flesh a deep scarlet, firm, solid and of the richest flavor imaginable. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

Ice Cream—True White Seeded

Few varieties surpass a True Ice Cream Watermelon for quality and productiveness. Of good size, medium early, fruit oblong; rind light mottled green; bright flesh, and solid to center; melting and delicious. Free from hard core or stringiness. Seed white. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

Preserving Citron

Red Seeded; most desirable for preserves; flesh solid and white. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

Mixed Water Melon Seed

Our mixed Water Melon Seed is fine for home Garden, where a greater variety is wanted. This mixture contains all of the varieties listed on this page, besides others which we did not have room to list. The seed is strictly first-class in every way. Try this mixture this season. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.**

PLEASE NOTE

If you are wanting larger quantities of Garden Seed than single pounds, please write for Special Prices. We carry large stocks for special prices. We carry large stocks and can and will save you money on large orders.

TUCKERS' QUALITY ONION SEED

Our Selected Strains of Onion Seed Are the Very Best that Money Can Buy. You cannot buy better Seed.

Onion seed should be sown as soon as possible in the spring, even if the weather is cold, just so the soil works up well. This gives the onion a good start and ahead of weeds and before dry weather sets in. After thoroughly pulverizing the soil, sow 4 to 5 lb., to the acre in drills one foot apart and about $\frac{1}{4}$ inch deep. When 4 inches high, thin out to stand 3 to 4 inches apart in the rows, keeping them well hoed and free from weeds

Southport Red Globe

The handsomest of all red onions. The bulbs are remarkably uniform in shape, of a rich red color, ripens evenly and yields the largest percentage of marketable onions. They ripen down hard and solid, keep well, and their beautiful appearance insures a ready market. Our strain of Red Globe is absolutely unsurpassed producing uniformly, handsome, thin-necked, hard, richly-colored bulbs. **Postpaid, pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.**

Large Red Wethersfield

For General purposes the country over, no red variety is more largely grown. One of the largest, most uniform and heaviest yielders. Large size; skin deep purplish red; form round, somewhat flattened; flesh purplish-white. Yields enormous crops **Postpaid, pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.**

Mammoth Yellow Prize-Taker

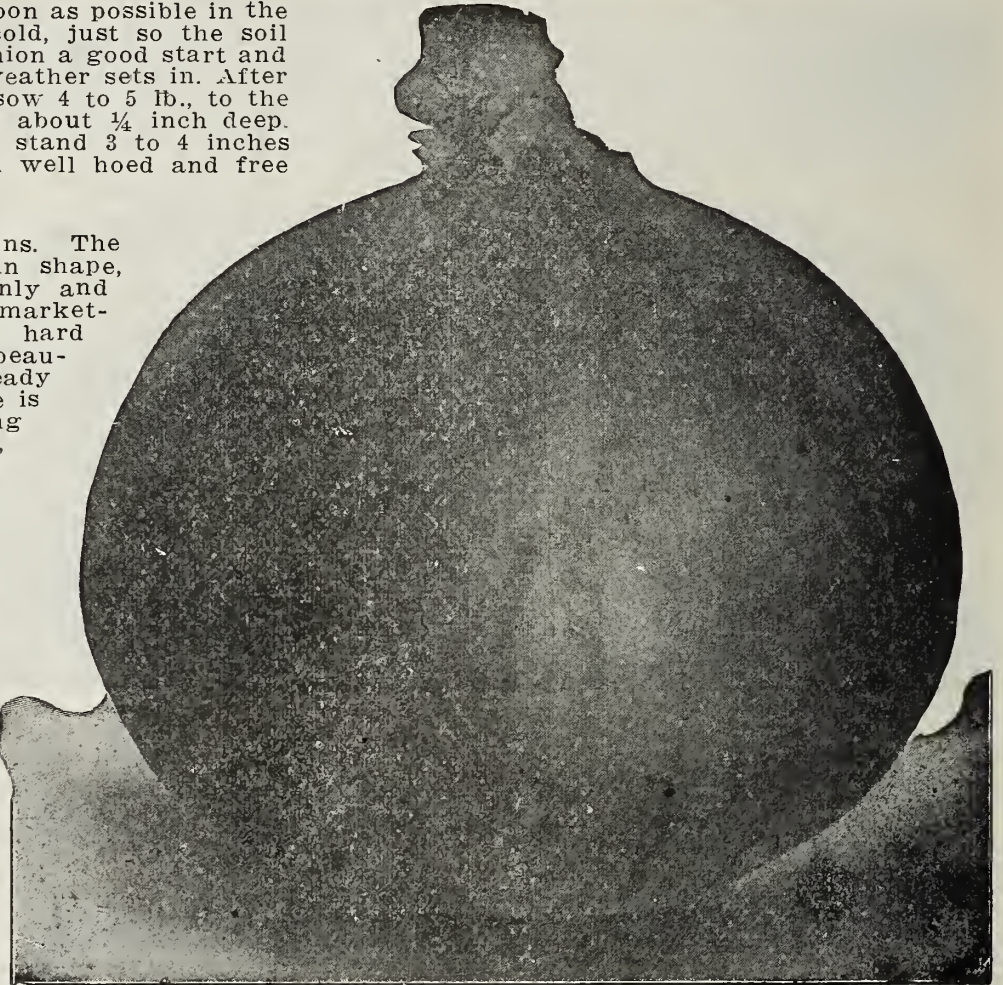
Enormous size, 12 to 14 inches in circumference. Although of such great size, it is very hardy and a good winter keeper, as it ripens up hard and firm; very fine grained and a mild delicate flavor. The outside skin is a rich yellow, while the flesh is white. They bottom well, are free from stiff necks and have produced more bushels of marketable onions to the acre than any other variety. **Postpaid, pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.**

Southport Yellow Globe

A Popular Yellow Globe Onion for Home or Market. One of the most popular of the Yellow Globe onions, and our annual sales run into thousands of pounds. Perfectly globe shaped with rather full shoulder, rich yellow skin, fine grained, mild creamy white flesh. **Postpaid, pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.**

Southport White Globe

Yields abundantly, producing medium to large, handsome and finely shaped, clear white bulbs. The flesh is firm, fine grained, quite mild in flavor and is more attractive than the colored sorts when cooked. Bulbs globe-shaped, full at the shoulder, rounded at the base and keep well. **Postpaid, pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.**



SOUTHPORT RED GLOBE

Mammoth Silver King

One of the largest onions in cultivation. Very large, early, flat, but thick through. Tender and of very mild, sweet flavor; uniform in size and shape. **Postpaid, pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.**

White Portugal, or Silver Skin

An early white flat onion. Fine for using as green onions or as a winter variety. **Postpaid, pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.**

Extra-Early White Barletta

The very earliest onion in cultivation. One of the best for pickling, being naturally quite small. Pure white, mild delicate; adapted for table use; makes an extremely pretty bunch onion. **Postpaid, pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.**



Onion Sets

Choice Sound Sets free from Sprouts. Prices subject to Market changes. Write for firm price on any quantity you may want. We are large handlers and will name you attractive prices in large quantities. A quart of onion sets weighs about 1 lb. A bushel is 32 lbs.

Red Bottom Sets

Sound bright stock—**Postpaid, qt. 30c; gal. 85c. Buyer's Expense—qt. 20c; gal. 60c; bu. \$4.25**

Yellow Bottom Sets

Small even size sound stock—**Postpaid, qt. 30c; gal. 85c. Buyer's Expense, qt. 20c; gal. 60c; bu. \$4.25.**

White Bottom Sets

Extra nice quality, **Postpaid, qt. 30c; gal. 90c. Buyer's Expense—qt. 20c; gal. 70c, bu. \$5.**

FINE PEPPERS

Pepper Seed germinates very slowly. The soil should be kept very warm for best results. They should be started in a hotbed or cold frame and transplanted about the end of May, in rows about 2 feet apart, with the plants about the same distance between them in the rows. They can also be sown in open ground in a prepared seed bed when all danger from frost has passed and the weather has become settled and the soil warm. The peppers intended for mangoes should not be grown near the hot varieties, as if so, they will partake of their fiery nature. One ounce of seed will make about 1200 plants.

Ruby Giant

Ruby Giant Pepper is one of the largest and finest mild Red Peppers in cultivation. The plants are vigorous, not over 2 feet in height. They are well branched; thickly set with enormous fruits, some 4 to 6 inches long by 3 to 4 inches thick. When ripe, they are a beautiful bright, glossy ruby red color, and are always remarkably mild and very pleasant to the taste, if not grown too close to the hot varieties. They can even be sliced and eaten with salt and vinegar. **Postpaid, pkt. 15c; oz. 65c; ¼ lb. \$2.00.**

Chinese Giant

Without doubt one of the very best and largest Mango Peppers that was ever produced. **Its mammoth size splendid shape, beautiful rich, glossy flesh and mild flavor all lead us to speak of it in words of commendation.** Very popular with all. Its strong bushy plants, which are literally loaded with the splendid large fruits, begin bearing quite early and continue throughout the season. Has few seeds; hence the genuine is necessarily high in price. **Postpaid, pkt. 15c; oz., 75c; ¼ lb., \$2.25.**

Ruby King

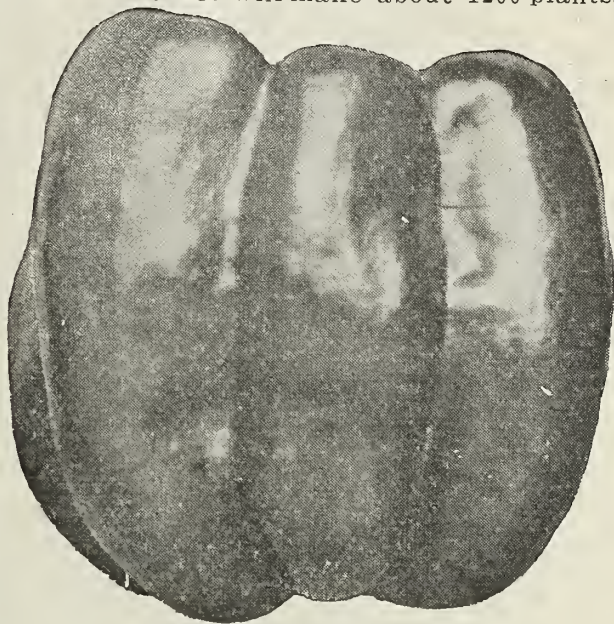
A variety, very large and attractive. The plants are about two and one-half feet high, vigorous, compact and productive. The fruits are often four to four and one-half inches long and of deep green color when young, bright red when ripe. The flesh is thick and mild flavored. One of the best varieties for mangoes or stuffed peppers. **Postpaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Large Bell, or Bull Nose

An early variety and of mild flavor; the skin is quite thick and fleshy; of medium size; is very popular. **Postpaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Long Red Cayenne

A strong hot pepper, having long, slender bright red pods about 4 inches long. Both the green and ripe peppers are used for pickling. **Postpaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50.**



RUBY GIANT

Perfection Pimento

This pepper is especially desirable for home and market garden purposes; both as a green or ripe fruit. It is so smooth and uniform in shape that the skins can be easily slipped off after burning over a hot fire a few seconds or by boiling a few minutes in hot water. The hull or meat is from two to three times as thick as that of the Bell types, hence yields about twice as much. The quality is very sweet and delicious and entirely free from pungency, yields very heavily up to time to frost. **Postpaid, pkt., 15c; oz., 65c; ¼ lb., \$2.25.**

PARSLEY

Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing, also for ornamental borders in the flower garden; succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the Spring. **One ounce of seed will sow about 150 feet of drill.**

Champion Moss Curled

A handsome variety of quick robust growth, forming compact, ornamental plants densely furnished with strong stemmed graceful leaves finely cut, most beautifully curled and of that brilliant emerald green color so highly attractive when used for garnishing. The flavor of the leaves is unusually rich and aromatic. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

Double Curled

An exceedingly fine variety that is well known. Dwarf habit, with beautifully curled fine leaves. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.**



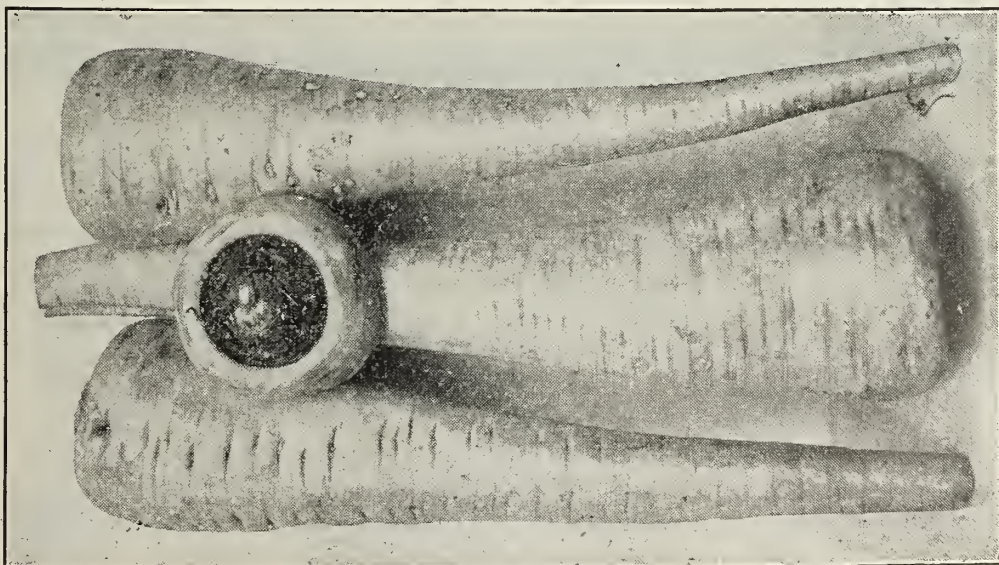
MOSS CURLED

PARSNIPS

Parsnips are usually grown on deep rich sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich. As the seed is sometimes slow and uneven in growth, it should be sown as early as possible in drills 2 and ½ feet apart; cover ½ inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to 6 inches apart in the row.

Large Sugar, or Hollow Crown

(Improved Guernsey) — An excellent variety for the table. Roots long, with smooth white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the depression on top or crown of the root. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.**



HOLLOW CROWN

GARDEN PEAS

Peas thrive best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not as hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks. When grown for market, peas are rarely staked: in small gardens grow in double rows, 6 to 8 inches apart, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth. One quart will plant 100 feet of drill; 1½ bushels for an acre. All peas marked (*) are wrinkled.

Tuckers' Wonderful

Largest Podded of the Extra Early.—In this new variety of Extra Early Peas, we have the largest podded and greatest yielder of any variety known. The vines grow about two feet high and produce an abundance of large pods which are filled with the finest peas imaginable. The pods contain eight to ten large peas, which are of delicious flavor. Tuckers' Wonderful is a sure cropper. Can be planted early and is the best variety of Extra Early Peas, for the home garden and market. Be sure to include this variety with your order. **Postpaid, pkt., 15c; lb., 50c; 2 lbs., 95c; Buyers' Expense—lb., 45c; 5 lbs., \$2.00; 15 lbs., \$5.25.**

Peter Pan

A grand new early sort with big Dark Green pods and peas. Produces large pods filled with peas of highest quality. It has vigorous growing large dark foliage standing about 15 to 18 inches in height. The Peter Pan Pea is the "last word" in this class of large podded dwarf growing dark green foliage, pods and peas. **Postpaid, pkt., 15c; 1 lb., 45c; 2 lbs., 85c. Buyer's Expense, 5 lbs., \$2.00; 15 lbs., \$5.50.**

Extra Early Alaska

Extra Early, and undoubtedly one of the earliest that can be grown; and a great favorite with market gardeners. The vines are of strong vigorous habit and bear from four to seven long pods that are always filled with medium size peas of the most delicious flavor. Height 2 to 2½ feet. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense, 5 lbs., \$1.50; 15 lbs., \$3.90.**

First and Best

Matures in from forty to forty-five days after germination. The peas are of medium size, round, smooth, and of splendid flavor. The vines are very hardy and seed may be sown as soon as the soil becomes mellow. Height 2 feet. **Postpaid, Pkt. 10c; lb., 40c; 2 lbs., 75c; Buyer's Expense, 5 lbs., \$1.50; 15 lbs., \$3.90.**

Ameer

A fine, large podded Extra Early Variety. An extra early podded pea of excellent quality. Vines grow about three feet in height, producing large, finely shaped pods. The peas ripen uniformly and are round, slightly dented, of bright green color. A prolific bearer, making it a valuable variety for the home garden or market. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense, 5 lbs., \$1.75; 15 lbs., \$4.75.**

American Wonder

***The earliest of the dwarf, wrinkled varieties.** The vines are about nine to twelve inches high and produce a good crop of well filled pods of medium size, about two and five-eighths to two and three-fourths inches long, containing five to eight large peas which are exceedingly sweet, tender and well flavored. Seed medium sized, generally flattened, wrinkled and pale green. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense, \$1.75; 15 lbs., \$4.75.**

Premium Gem

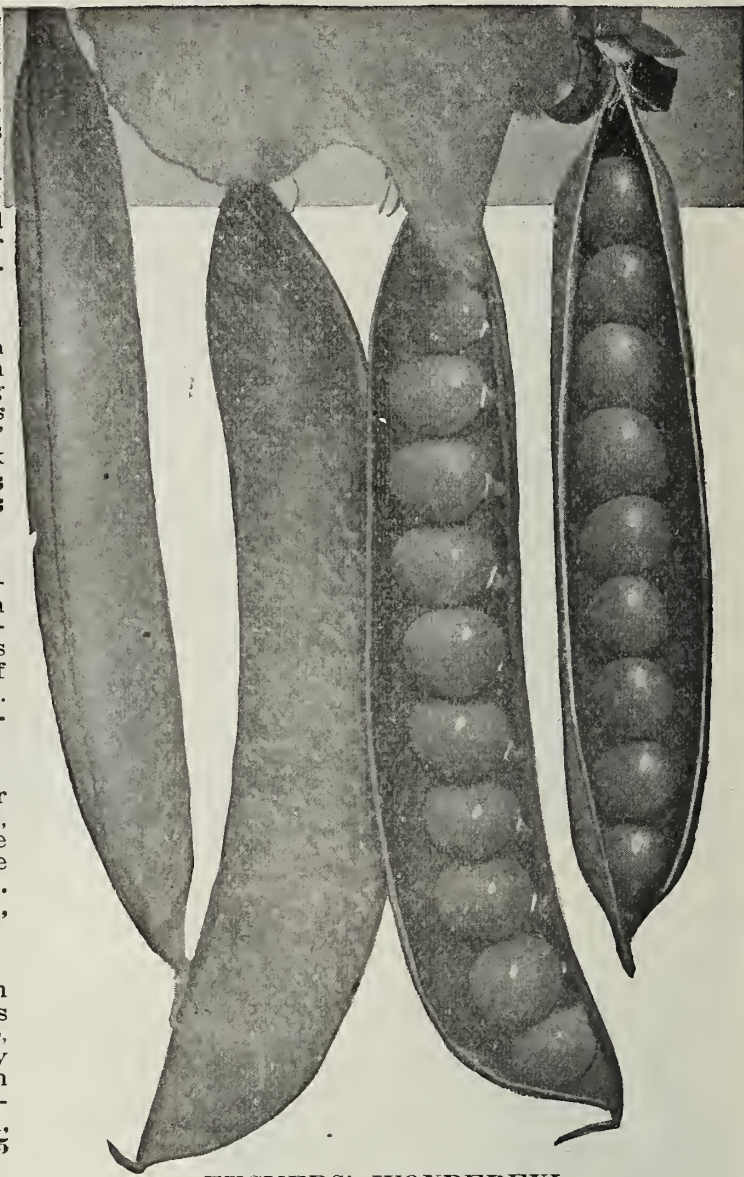
***A deservedly popular dwarf growing sort, growing about fourteen inches high.** It is hardier and can be planted earlier than most wrinkled peas; very prolific. The pods are large and contain 6 to 8 peas each. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense, 5 lbs., \$1.75; 15 lbs., \$4.75.**

Nott's Excelsior

***The best very early dwarf pea.** It combines the good qualities of American Wonder and Premium Gem peas. The vines are larger and more productive than American Wonder and earlier than Premium Gem and average about 12 inches high. The pods are medium sized, about 2¾ inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. A most desirable early sort for the market gardener and unsurpassed for the home garden. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense, 5 lbs., \$1.85; 15 lbs., \$4.90.**

McLean's Advancer

***The Leading Pea for second-early.** Excellent flavor, very productive. This Pea is used very extensively by market gardeners and canners on account of its great productiveness and its exceedingly fine flavor. It is a wrinkled variety, grows about two feet in height. Has long pods, and well filled to the end. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense, 5 lbs., \$1.75; 15 lbs., \$4.75.**



TUCKERS' WONDERFUL
Laxtonion

***This is one of the largest podded of the early dwarf varieties and is a new sort of decided merit.** The vines are vigorous, growing about 16 inches high and produces a large crop of good sized pods, averaging from 9 to 10 peas to the pod. The peas are of exquisite flavor and mature early. Many people who have tried Laxtonian claim it to be the best of all the early dwarf sorts. **Postpaid, pkt., 15c; lb., 45c; 2 lbs., 85c. Buyer's Expense, 5 lbs., \$1.90; 15 lbs., \$5.40.**

Dwarf Gray Sugar

The old standard variety of the edible-podded sort, and is used in no other way. Grows about 2 feet high and is remarkable for its earliness. Pods are broad, flat and crooked and contain 5 to 6 peas. Seed is brown and wrinkled. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense, 5 lbs., \$1.75; 15 lbs., \$4.75.**

Tuckers' Potlatch

Early and Productive. Finest Quality. (See Illustration next page.) Potlatch has become one of our most popular sorts, the demand for this excellent variety being enormous; it is not only a favorite sort with our market gardener friends, but is equally popular for the home garden. Potlatch is Chenook Indian for Big Dinner, hence the name Potlatch. The vines are vigorous, growing 20 to 24 inches high, with unusually dark green foliage, which can be distinguished from that of other peas. The long pods are a rich dark green in color, often measuring 6 inches or more, with 9 to 11 enormous peas in a pod. The growth of vine is sturdy and pods are borne in pairs; it is a wonder in productiveness, and the way the peas shell out is astonishing. No variety known will produce more pods, shell better, or contain more tender and delicious peas. **Postpaid, pkt., 15c; lb., 45c; 2 lbs., 85c. Buyer's Expense 5 lb. \$2; 15 lb. \$5.50.**

Thomas Laxton

*This is a very early wrinkled variety of great merit. The vines are vigorous, of medium height, about three feet, hardy and very productive. The pods are large, often 4 inches long, with square ends, similar to, but larger, longer, and darker than those of Champion of England and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. One of the very best sorts for the market and home garden. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c; Buyer's Expense, 5 lbs., \$1.75; 15 lbs., \$4.75.**

Alderman

*The vines are tall, growing about four and one-half to 5 feet high, dark green, vigorous and exceedingly productive. The pods are of largest size, often 5 to 5½ inches long and dark green. The peas are of largest size and unsurpassed in quality. Market gardeners are demanding the large podded, dark colored sorts which retain their fine appearance even after shipping a long distance. **Postpaid, pkt., 10c; lb., 45c; 2 lbs., 85c. Buyer's Expense, 5 lbs., \$2.00; 15 lbs., \$5.50.**

Telephone

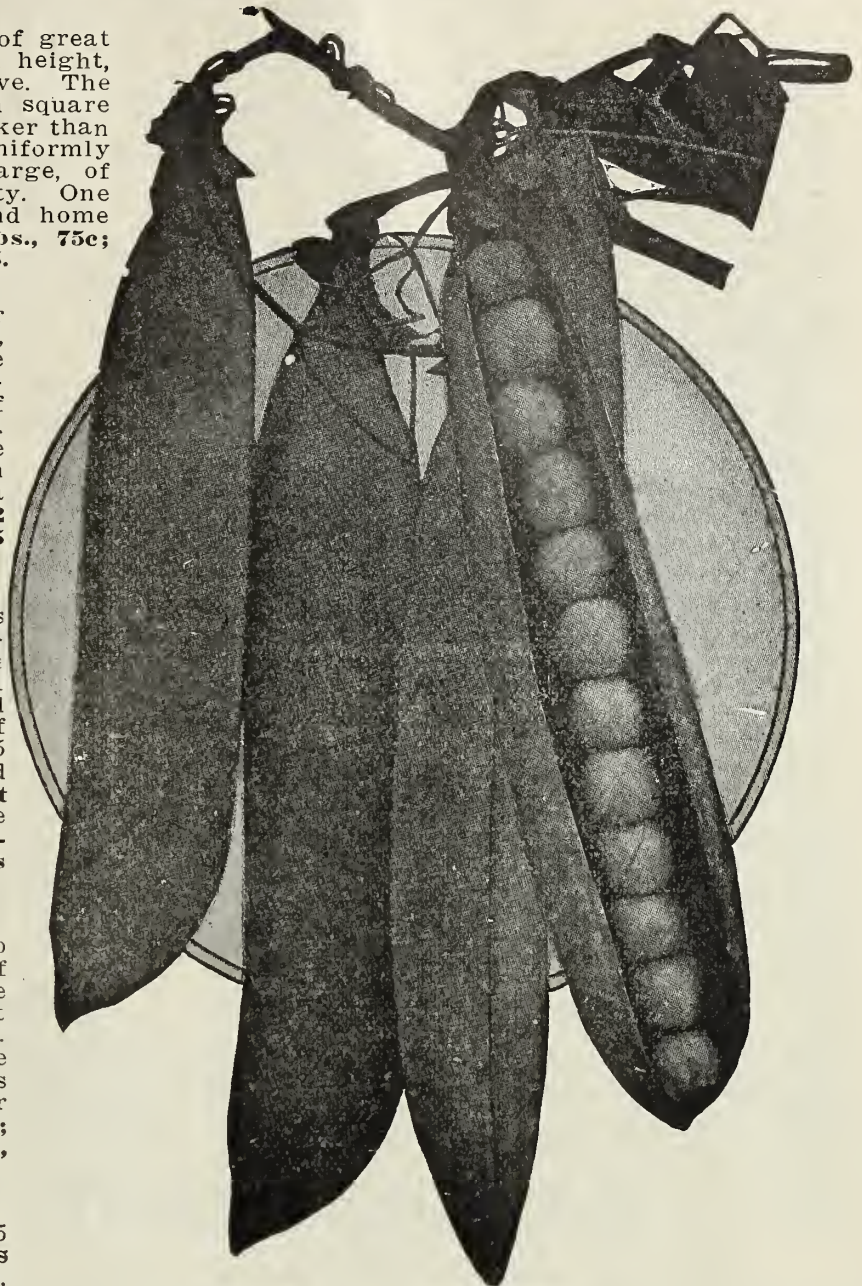
This has become one of the leading peas with market gardeners whose trade appreciates fine appearance and high quality. The vines are tall and vigorous, growing about 4 feet high, with large, coarse, light colored leaves and producing an abundance of pointed pods of largest size, often 4½ to 5 inches long, attractive bright green, filled with very large peas which are tender, sweet and of excellent flavor. It is one of the best sorts for either home or market. **Postpaid, pkt., 10c; lb., 45c; 2 lbs., 85c. Buyer's Expense, 5 lbs., \$2.00; 15 lbs., \$5.50.**

Champion of England

A standard, very productive, main crop variety, universally admitted to be one of the richest and best flavored of the late peas. The vines are tall, about 4 or 5 feet high. The pods are large, about 3 in. long. The seed is light green and wrinkled. We consider this variety one of the best of its season, either for the home garden or for market gardening use. **Postpaid, pkt., 10c; lb., 45c; 2 lbs., 85c. Buyer's Expense, 5 lbs., \$2.00; 15 lbs., \$5.40.**

Large White Marrowfat

The vines of this tall variety are about 5 feet high and of strong growth. The pods are large, about 3 inches long, cylindrical, surface somewhat roughened, light colored and well filled. Seed large, smooth, round and light creamy yellow. It is desirable for summer use, but is not as sweet and tender as most sorts, although undoubtedly one of the most productive of the garden varieties. **Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. Buyer's Expense, 5 lbs., \$1.50; 15 lbs., \$3.90.**



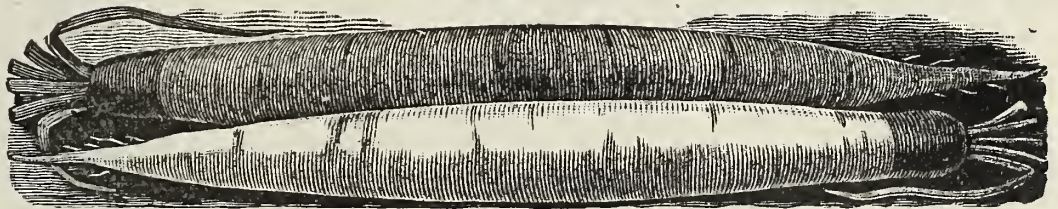
TUCKERS' POTLATCH PEAS

SALSIFY OR OYSTER PLANT

When properly cooked Salsify is a good substitute for oysters in taste and flavor, and is very nutritious. Salsify will keep finely through the winter in the ground, where sown, in exactly the same manner as Parsnips. The roots are perfectly hardy; in fact, they are best after the frost has touched them. Sow early in drills 18 inches apart and cover firmly one inch deep; thin to three inches apart in the drills. **One ounce of seed will sow 100 feet of drill; eight pounds is sufficient to plant an acre.**

Mammoth Sandwich Island

The most popular salsify in cultivation. A strong grower, with large, long, white tapering roots, without tendency to branch. We have taken great care in the selection of our seed stock so as to produce not only good size, but the smoothest roots possible, qualities that will be appreciated both by market and private growers. **Postpaid, pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.25.**



SALSIFY SANDWICH ISLAND

Tuckers' Quality Seeds

Will give you the **Best Results**. Each variety is tested, is **True to Name** and the success of your garden is assured in advance if you plant them. You cannot buy better seeds, no matter what price you pay for them. In addition to this, we give you **prompt service** and are always ready and willing to help with suggestions. Please write us at any time. Our many years' experience in the Seed Business, places us in position to be of great help to you in your planting problems.

FINE PUMPKINS

Pumpkins do not require as rich soil as squashes, cucumbers and melons, but on good land the pumpkins will be much larger. Plant in May in hills 8 to 10 feet apart, mixing well-rotted manure in each hill. Put 8 to 10 seeds in each hill, and cultivate till the vines get strong, when they should be thinned out, leaving two or three of the strongest in the hill.



LARGE SWEET CHEESE

Connecticut Field

Also known as Big Tom. A large round or slightly oval shape pumpkin. Skin reddish orange color, with rich orange yellow flesh. Extensively grown for stock feeding, and generally planted with corn, producing enormous crops. Hardest of all and one of the best grown for pies. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Large Sweet Cheese

Superior to the field varieties, as it is excellent for table use as well as for stock feeding. Is fine for pies. Shape flat, skin mottled light green and yellow. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb. \$1

Small Sweet or Sugar

This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies. It is very fine grained, most delicious sweet-flavored sort, splendid keeper. They average about 10 inches in diameter. Deep orange-yellow color. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.40.

Striped Cushaw

A great favorite. Beautiful in appearance; a distinct mottled green white striped. Fruit solid average 15 to 25 pounds. Flesh thick, fine grained, sweet and excellent for pies. Sells well on the market. Postpaid, pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.40

Tennessee Sweet Potato

For making pumpkin pies we can recommend the Tennessee Sweet Potato as highly as any pumpkin grown. The flesh is thick, fine grained, sweet and delicious. A big yielder, and the pumpkins are of good size. Postpaid, pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.40.

Genuine Mammoth or True Potiron

(King of the Mammoths, Jumbo Pumpkin). Of true Mammoth size, specimens weighing sometimes from 100 to 125 pounds. The skin of salmon-orange color, the flesh thick, bright yellow, fine grained and of good quality. Give plenty of space. Postpaid, pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.40.

Kentucky Field

Large, round, flattened, hardy and productive. One to 2 feet in diameter. It has thick flesh of extra fine quality and is a splendid sort for family and market use, also grown largely for stock feeding. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb. 85c

Mixed Pumpkins

All Shapes, Colors and Sizes. This mixture is especially offered to those who wish to grow a collection of the different kinds of pumpkins here listed for exhibition at County Fairs, or for home use. All are good keepers. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00

TUCKERS' QUALITY RADISH SEED

To be tender and crisp, radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of ten days, in a light, rich, deeply-worked soil. May also be sown as a catch-crop between rows of beets, lettuce, onions, etc. One ounce of seed will plant 100 feet of row. Eight to ten pounds are required for one acre.

Round and Olive-Shaped Sorts

Saxa

Bright Scarlet, Small Top and Root. This variety is of a beautiful scarlet color, round as a marble and having a very small top and tap root. It comes so quick that it has been placed on the dining table in three weeks from the time of sowing seed. The flesh of the Saxa is very crisp, brittle and juicy, and remains in fit condition for the table for a long time. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Crimson Giant

A variety extraordinary in that, while growing to an unusually large size, it is also tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time. Root, turnip-shaped, color, a beautiful crimson-carmine, flesh firm, crisp and tender. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb. \$1.25

Sparkler

A splendid variety of the Scarlet Turnip White Tipped type, but showing more white, practically the whole lower part being white while the upper half is bright scarlet. Is very attractive, and is of good quality. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Scarlet Globe

This is a splendid globe Radish, one of the very finest early strains of the round, bright red Radishes. Nothing can surpass its table excellence or its beauty. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Early Scarlet Turnip

Of very quick growth. The skin is a rich scarlet color; the flesh snowy white and always mild, crisp and sweet. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



SAXA RADISH

Scarlet Turnip White Tip

Of fine round shape; flesh pure white, and as a result of its quick growth, very crisp, mild and tender. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

French Breakfast

This pretty Radish in color is bright red, tipped with white. It is oblong in shape and in quality is crisp and tender. A quick grower, and an exceedingly popular variety. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

RADISHES, LONG VARIETIES

Tuckers' White Icicle

The finest of the Early Long, White Radishes. Our selected strain of this popular white Radish will insure you the finest flavored radish you have ever eaten. Excellent and profitable. Has few leaves. The Icicle radish is perfectly white in color, and long, slender and tapering in shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. It remains tender during the entire growing period, and is quite as good when an inch in diameter as when only half an inch. Excellent and profitable. Ready for use in about 20 to 25 days. Admirable alike for outdoor planting for forcing under glass. A fine variety for market and private gardeners, who have a demand for an early, long, white, radish. It is a marvel of excellence, most attractive in appearance and very popular. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Lady Finger or Long White Vienna

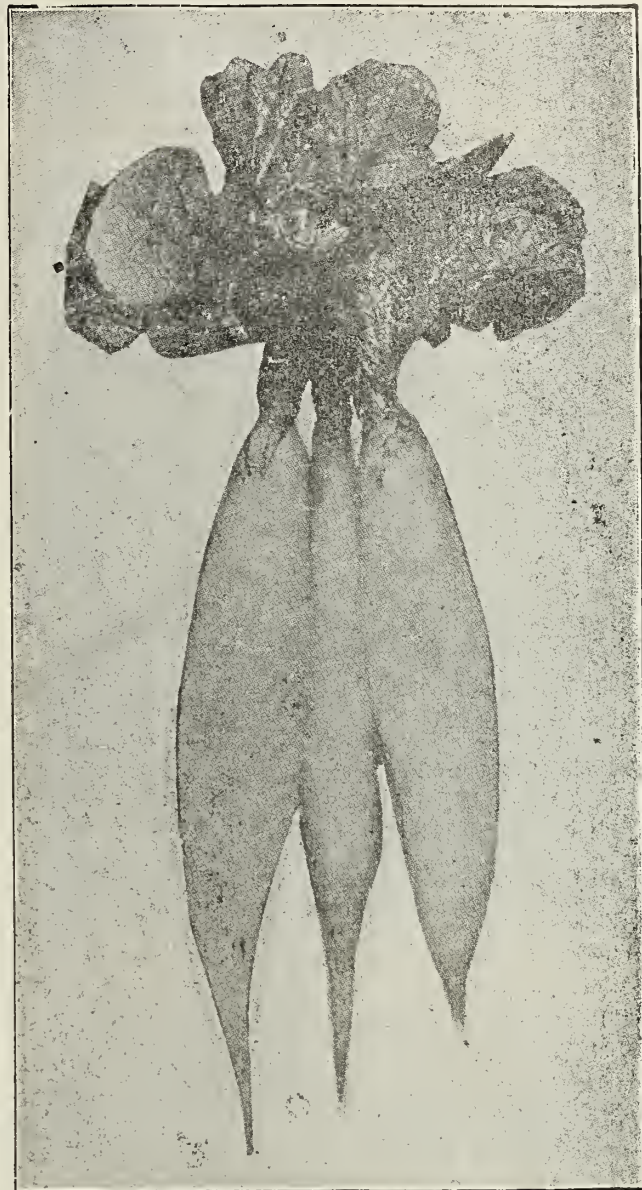
An early maturing and attractive, long, white, summer radish of most excellent quality. The tops are of medium size. The roots are clear white, slender, smooth and average when mature, 6 to 7 inches long by about ⅝ to ⅞ of an inch in diameter at thickest part. The flesh is very crisp and tender. The variety is desirable for market and home garden use. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

White Strasburg

Even when comparatively small this variety is in good condition for use and continues crisp until matured when the roots are 4 to 6 inches long, by 1½ to 2 inches in diameter. The roots are rather thick at the shoulder and are usually somewhat tapering. They remain in condition for use much longer than the early varieties. This is one of the best large, white later summer sorts for home garden and market. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Long Brightest Scarlet, White Tipped

Bright Red, Crisp and Tender. One of the brightest and handsomest scarlet radishes. It is an improvement in earliness and color over other varieties of this class. The roots are fit for use in about 25 days and continue in good condition until fully grown when they are as large in diameter, but a little shorter than Early Long Scarlet. The variety has small tops and can be used for forcing as well as for the open ground. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**



TUCKERS' WHITE ICICLE
Early Long Scarlet Short Top

This is a standard, most excellent sort, either for the home garden or the market. The tops are short and comparatively small. The roots are smooth, slender, uniform in shape and a very attractive bright carmine-red in color. They grow about ¼ to ⅓ out of the ground and continue crisp and tender until fully matured, when they are about 6 inches long. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Chartier Summer

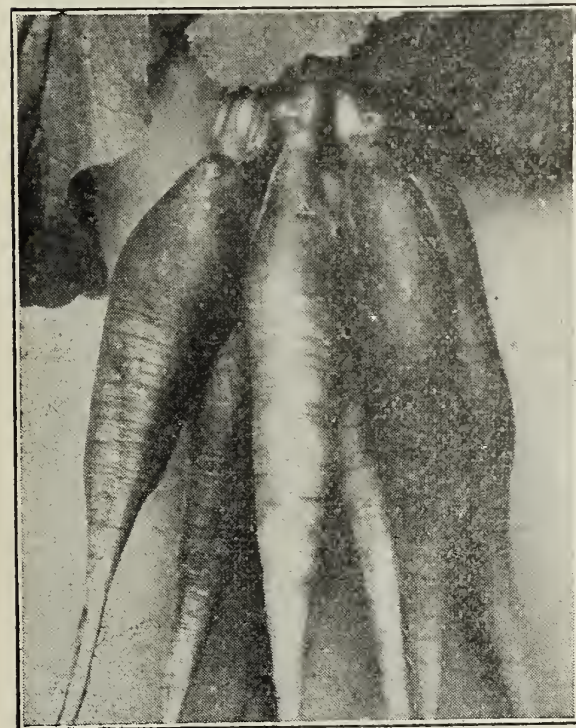
One of the best long radishes for planting outdoors for early summer use in the home garden, and used also for the market. The tops are of medium size. The roots are in good condition for the table when ½ inch thick and continue hard and crisp until they reach a diameter of about 1¼ inches, thus affording good roots for a long time. The roots are rather long, averaging 7 to 8 inches when mature, bright scarlet-rose in color, shading into white at the tip. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Mixed Radishes

All kinds, colors and shapes This mixture contains a great variety. Just what is wanted for the home garden where the space is limited. One sowing is all that is required for a continuous supply, as they become ready for table use early, medium and late. An excellent and desirable mixture. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10.**

Winter Varieties

Seed for winter radishes should be sown about the first of August, in rich, warm, sandy loam, in rows about 20 inches apart, covering ½ inch deep. When well up thin to 3 inches apart in the row and give frequent cultivation. For winter use, the roots should be pulled and packed in damp sand and stored in a



LONG BRIGHTEST SCARLET WHITE TIP cool cellar.

California Mammoth

The roots of this very large white winter sort grow 9 to 12 inches long, by 3 to 4 inches or more in diameter just below the shoulder tapering regularly to the tip. The flesh is very crisp and solid, decidedly pungent, but well flavored, keeping well through the winter. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.**

Chinese Rose Winter

A very handsome and distinct variety; color

bright rose; crisp and tender; cylindrical in shape; very smooth; very desirable sort; keeps splendidly through Autumn and Winter. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.**

Long Black Spanish

Grows 5 to 8 inches long, 1 to 1½ inches through at top; skin black, flesh white and firm. One of the oldest, but nevertheless one of the best winter sorts. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.**

SQUASH

After danger of frost is past, plant in a warm well pulverized, rich soil, mixing well-rotted manure in each hill. Plant 8 or 10 seeds to the hill. When well grown, thin out, leaving three of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Plant summer sorts, one ounce to 25 hills; 3 to 4 pounds to an acre; winter sorts, 1 ounce to 10 hills; 3 to 4 pounds to an acre.



EARLY WHITE BUSH SCALLOP SQUASH

SUMMER VARIETIES

Early White Bush Scallop

The White "Pattypan," or "Cymling," as it is called in the South. A very early and continuous bearer. Ships well. Color light cream. A first class variety for home and market growers. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Early Summer Crookneck

Of a dwarf, bushy habit and very productive; bears early and all Summer; true Crookneck type; rich golden yellow color; thickly warted. Its cooking qualities are unexcelled. One of the best varieties for the market or table use. **Postpaid Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Giant Summer Crookneck

The largest and earliest of the Crookneck squashes, often 1½ to 2 feet long. Of dwarf, bushy habit very productive; bears early and continues through the summer; rich golden yellow color, thickly warted and of excellent quality. **Postpaid pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

WINTER VARIETIES

Warted Hubbard

One of the best of the winter squashes. Vines vigorous and very productive. Fruit large, heavy, moderately warted, with very hard shell, skin uniformly dark, bronze green. Flesh bright orange-yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. It is esteemed by many to be as good baked as sweet potato. Our stock is carefully selected in regard to quality of the flesh and color of the shell and is much superior to that commonly sold. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35.**

Banana

The squash grows from 1 to 2 feet in length. The skin varies from a bright yellow to a dark olive green. Flesh firm and solid, of beautiful orange-yellow and excellent quality. It is the sweetest of all squashes and everyone who is fond of squash wishes to try it. It keeps from one season until another. When quite young it is excellent to cook as a marrow. **Postpaid, pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Delicious

This squash is particularly excellent in quality and is now by many considered even better than the Hubbard, which has been so long looked upon as the standard. Delicious is a fall and winter variety of medium size. The fruits are moderately hard, usually dark green, but sometimes lighter in color and mottled, and are without any hard shell. The flesh is thick, very fine grained and bright yellow in color. Even when somewhat immature this squash is in fine condition for use and of finest flavor. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60.**

Mammoth Whale

This is the "Jumbo" of the Squash family, and creates great attention wherever grown or placed on exhibition. It is an extra large-fruited sort, quite distinct in form and appearance. The squashes grow from 2½ to 3 feet in length, with a slight neck at the stem end. The large seed end is swelled to a width of 12 to 18 inches and slightly flattened, giving a most distinctive appearance which suggests its name. "Mammoth Whale." Under good cultivation the fruits frequently attain more than 100 pounds in weight. Flesh firm and solid, of beautiful orange yellow and excellent quality. **Postpaid, pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

SPINACH

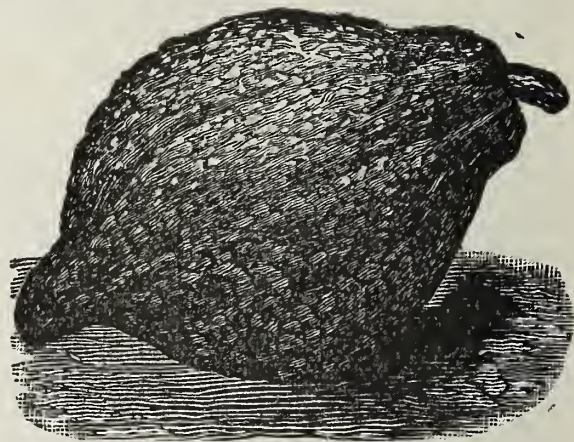
For early use, plant the seed in August or September, in drills 12 to 14 inches apart. At approach of cold weather, cover lightly with straw or any handy litter. Uncover the plants when they begin to make a new growth in the spring. For summer use, sow early in spring. Thin to 3 or 4 inches. One ounce of seed for 100 feet of drill; 10 to 12 lbs., for an acre.

Bloomsdale

Highly popular with market gardeners. A crop of this variety weighs much heavier than any other variety. It grows very quickly. Fine for fall sowing. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.**

Long Standing

Of flat spreading, but compact growth, this sort is especially noticeable for its short stemmed dark green leaves which are heavily crumpled and savoyed. For marketing during the warm summer months, it is unsurpassed. Stands longer before going to seed than any other sorts of our list. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.**



WARTED HUBBARD Golden Hubbard

A perfect type of the green Hubbard, except in color, which is a bright, deep orange yellow, very showy and attractive. Flesh deep golden yellow, much richer in color than Hubbard, fine-grained, cooks very dry and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the green variety. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.**

Faxon

One of the old standard varieties that is still in great demand. Outside color varies from green to orange. The flesh is rich, dry and sweet and of the finest quality. An excellent keeper. **Postpaid pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40.**

Squash Mixture

One sowing will produce squashes for the season. This mixture contains a great variety of Summer and Winter sorts, just suited for growing for exhibition or table use. **Postpaid, pkt. 5c; oz. 15c; ¼ lb., 40c; lb., \$1.25.**



BLOOMSDALE SPINACH

QUALITY TOMATOES

Sow the seed in February or March in a hotbed, greenhouse or in shallow boxes in the house in rows 4 to 6 inches apart and half an inch deep. When the plants are about 2 inches high transplant to 3-inch pots or into shallow boxes 4 inches apart each way. Transplant in the open ground after all danger of frost is past, 3 or 4 feet apart each way. Cultivate frequently. One ounce of seed will produce about 2,000 plants. Four ounces enough for one acre.

June Pink

(Bright pink.) Ripens early. Is an enormous bearer clusters of 6 to 10 fruits, being borne frequently. The fruit is of medium size, uniform, smooth and attractively shaped. It will average $2\frac{3}{4}$ to 3 inches in diameter and 2 to $2\frac{1}{2}$ inches in depth. In color it is a bright pleasing pink and in markets where a pink Tomato is desired, will bring more in price than any red variety. Postpaid, pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.10; lb., \$3.85.

Livingston's Globe

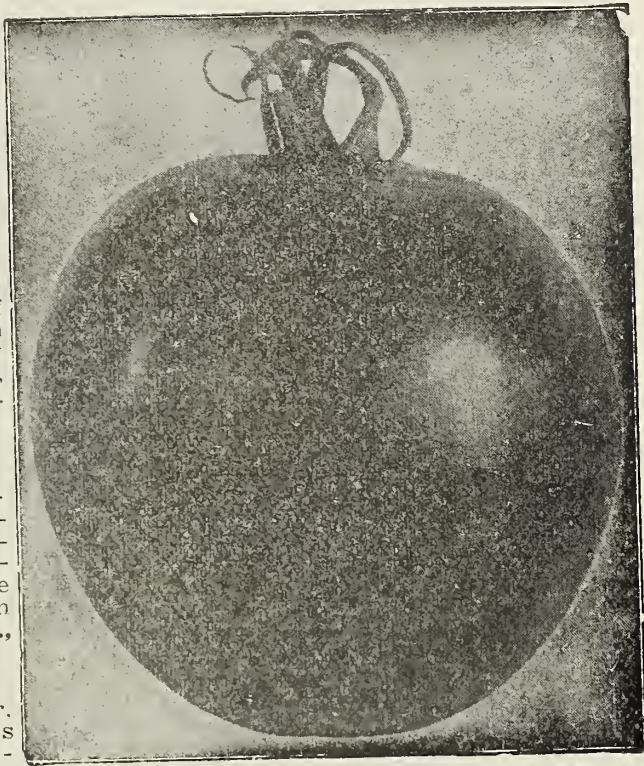
(Purplish Pink.) The finest Early Purple Tomato—Livingston's Globe Tomato is an extra good all-round sort of a distinct globe shape. It continues bearing desirable sized fruits until frost. Fruit is produced in clusters of 3 to 5 specimens. The plants are close jointed, each bearing a large number of fruits of a beautiful glossy purple, invariably "as smooth as an apple," firm, solid, thick flesh with large meaty center. Quality is the best. Postpaid, pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Spark's Earliana

(Scarlet Red.) Coming into the market early it commands top prices. It produces an abundance of remarkably solid fruit of uniform shape and rich, bright red color. The Tomatoes are borne in clusters and can generally all be gathered in about 3 weeks from the time the first fruit ripens. They are of good flavor and contain few seeds. Postpaid, pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Bonnie Best

(Scarlet Red.) Bonnie Best is early—a vigorous grower, enormously prolific, with splendid foliage which protects the fruits from the hot sun. The color is an intense velvety glowing scarlet; ripens evenly up to the stem. It is round, slightly flattened at stem end, but thicker through



LIVINGSTON'S GLOBE

than most tomatoes. Its greatest characteristic is its remarkable uniformity of size and smoothness; no rough fruits. Postpaid, pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Dwarf Stone

(Bright Red.) The Largest Dwarf Tomato. It resembles "Dwarf Champion" in habit, but is of stronger growth and more erect. The fruit is red, in shape and size similar to "Tall Stone." The season is nearly as early as "Dwarf Champion," but the fruits are twice the size of that sort. Postpaid, pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Early Detroit

(Purplish Pink.) A splendid variety of recent introduction and is one of the largest and best of the purplish pink sorts. The vine is vigorous and very productive. The handsome fruit is smooth, uniform in size, nearly globe shape, firm and of excellent quality. It is free from cracking and tendency to blight. A desirable sort where a large pink tomato is wanted. Postpaid, pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Dwarf Champion

(Purplish Pink.) This famous Tomato is a favorite home garden variety. Its stiff, upright stalks are so sturdy as to hold the fruit well above the soil. It is earlier than large sorts. Postpaid, pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Red Rock

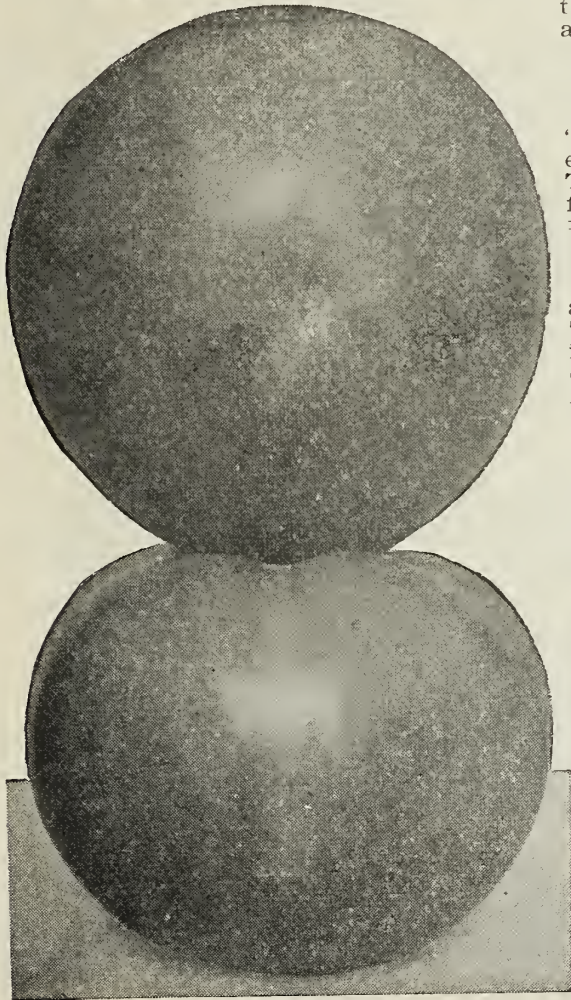
Perfectly Smooth. Heavy Yielding. (Bright Red.) An extraordinarily solid, smooth, very red tomato; a very heavy producer, of excellent shape and very superior texture and flavor. An excellent variety for truckers and canning factories on account of its shape, quality and productiveness. This tomato is very free from cracks, has a very shallow stem attachment and is practically smooth. Fruits will probably average from 8 to 9 ounces. Borne in clusters of from 4 to 7 fruits, and ripens in 110 days from sowing of seed. Postpaid, pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

John Baer

Large, Round, Smooth, Magnificent, Red Fruit. (Bright Red.) An early variety producing beautiful, large, bright red, solid tomatoes early in the season. John Baer produces beautiful, solid shipping tomatoes which ripen early, right up to the stem and is an enormous cropper, and when dead ripe, will not burst. The color is a glistening bright red, and it has a mild, deliciously sweet flavor. It is solid and meaty and has just enough foliage. Postpaid, pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75.

Livingston's Beauty

Special Extra High-Grade Quality Seed. Our Special strain seed of this variety cannot be excelled. (Bright Scarlet.) Of a very glowing crimson in color with a tinge of purple. It attains its size later in the season than some other good sorts. In shape it is perfectly spherical. It has a thick skin and hence is not as liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than the average kinds and is less inclined to rot. Postpaid, pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



JOHN BAER

Coreless

Very large; solid flesh, few seeds; wonderful cropper. The greatest tomato for canning. (Bright Red.) Everyone requiring a large bright red, globe-shaped tomato, will be pleased with the Coreless. It is almost round, the depression at the stem being almost eliminated. It is immensely productive, clusters of 4 to 7 fruits are produced 6 to 8 inches apart along the stem. All the fruits are of good size, many of them large—12 to 15 ounces—and all free of core. It makes a fine slicing tomato, the bright red meaty slices presenting a most attractive dish. Solid and very firm rendering it fine for long distance shipping. Ripens all over and right up to the stem at the same time. Postpaid pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.15; lb., \$4.00.

Ponderosa

Our Seed is Genuine True Stock. (Purplish Pink.) This is the largest and one of the most popular of all tomatoes and is of fine quality for slicing. The vines are of strong growth; fruits oblong in form and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine flavor. Planted in good soil fruits frequently attain a weight of one pound or more. Postpaid, pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40; lb., \$5.00

Genuine Stone

The greatest Canning Tomato in the World. (Bright Scarlet.)

The largest bright red perfectly smooth, highest yielding, best keeping, finest flavored maincrop variety in existence. Dealers and planters everywhere recognize the merit of the Stone. More Stone Tomatoes are grown every year than any other half dozen varieties taken together. Postpaid, pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

Matchless

(Cardinal Red.) One of the best main-crop tomatoes. The solidity absence of core, size and color of fruit, together with its freedom from rot, all unite in making this well worthy of the name of "Matchless." Always large, even at the end of the season. Fine both for private and market garden and canning. Postpaid, pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

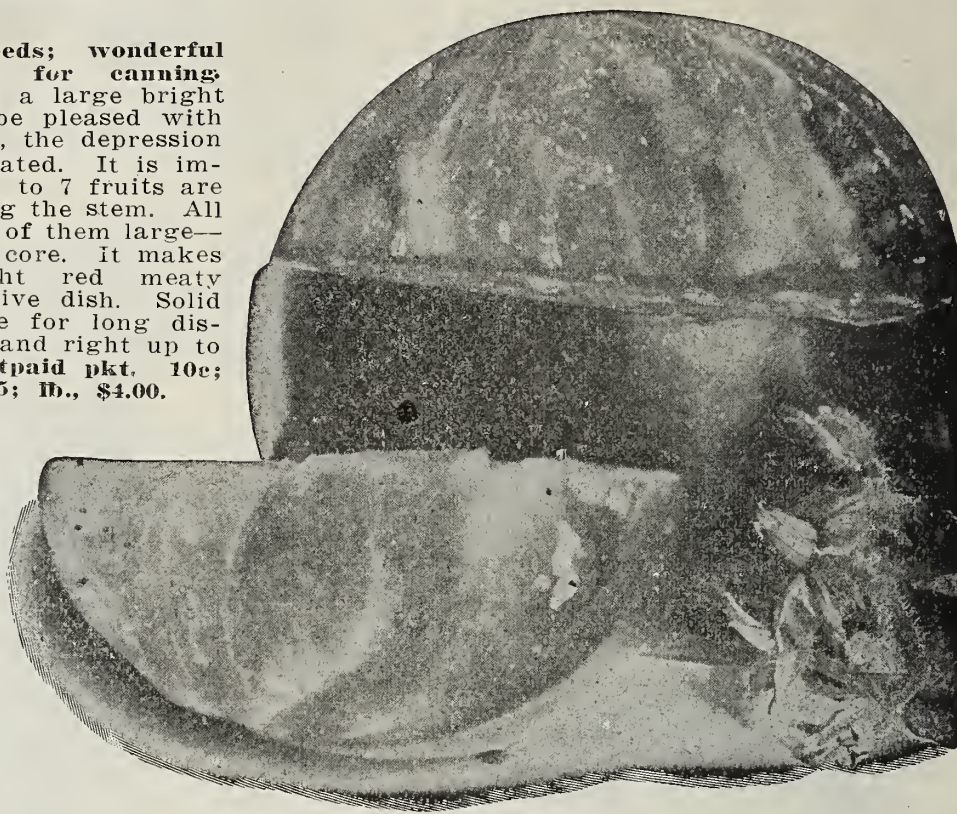
Special

Three packets 25 Cents; Seven Packets for 50c.

We will send postpaid, three packets for 75 cents or 7 packets for 50 cents. your selection of any variety of Tomatoes listed in our Catalog at 10 cents per packet.

Price of all preserving tomatoes, Postpaid, pkt., 5c; ½ oz., 20c; oz., 35c.

See page 27 for ordering Tomato Plants.



CORELESS

Golden Queen

"Queen of all the Yellows" Of superior flavor it is solid always smooth, entirely free from ridges, large in size, ripens early. Fine for slicing. Postpaid, pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50

Beef Steak

(Bright Red.) A variety of very decided merit, producing beautiful fruits of the finest quality, handsome appearance and large size. Vines are strong and vigorous, with abundant foliage; fruits smooth, unusually meaty and ripens evenly throughout. Makes uniformly large-size tomatoes of handsome color and great solidity. It is very well adapted both for private use and for market, while its unusual solidity of flesh makes it a particularly desirable sort for canners. Postpaid, pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; lb., \$4.25

Small Fruited Tomatoes

Pear-Shaped Red. Used for preserves and to make "Tomato-figs." Fruit bright red, distinctly pear-shaped, and with a peculiar flavor.

Pear-Shaped Yellow. Similar to Pear-Shaped Red, except in color.

Yellow Plum. Fruit plum-shaped, deep yellow color; flesh yellow and good; esteemed for preserves.

Red Plum. Similar to the Plum-shaped yellow except in color.

QUALITY TOBACCO SEED

A very clean piece of land is best for the tobacco plant beds, hence it is customary to burn a piece of land or pile of brush in the woods for same. This destroys grass, weeds and insects, adds fertility through the action of the wood ashes, and leaves the ground in good order. The seeds are sown about February. When large enough and weather is settled (about June), set the plants out in highly manured or fertilized soil in 3½ foot rows, 3 feet between the plants. Constant care must be given, cultivating, suckering, worming, etc.

Improved White Burley

Well-known sort of great merit. Our strain is grown on the famous limestone fields of Tennessee. Only the choicest plants are set in the seed plants, and special care and cultivation insures well matured seed of highest vitality. Careful handling, cleaning and curing of seeds as well as special attention to the crop throughout the season make this strain of seed unsurpassed. Postpaid, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

Connecticut Seed Leaf

Our seed is Connecticut grown; a stocky plant; leaves not very long, but a good width; suitable for cigar fillers. Grown all over the United States. Postpaid, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

Havana

Used for cigar purposes, although sometimes used as manufacturing sort. Has a very large long, fine quality leaf; very early, making two crops a season in some sections. Best adapted to chocolate or rich gray soils. Postpaid, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

Missouri Broad Leaf

A well-known standard sort; very large yielder, an ideal sort for home use Postpaid, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

Big Oronoco

A very large and heavy variety for fillers and strips. Makes a wide, long leaf of dark color, best adapted to rich alluvial and red-clay soils. Postpaid, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

TURNIPS AND RUTA BAGA

Spring sowing should be made as early as possible, so that the turnips may make their size before hot weather, otherwise they will become tough and bitter. For the regular crop, sow the early kinds in July and August, the later sorts during August. Sow either broadcast or in drills 2 feet apart, and when well up, thin out to prevent overcrowding. Rutabaga should be sown in July and earthed up as they grow. One ounce sows 100 feet of drill; ½ lb., sows one acre in drills; 1 lb., one acre broadcast.

Early White Egg

This is certainly one of the very choicest and finest varieties; comparatively new and producing beautiful egg shaped turnips. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.**

Early White Flat Dutch

Excellent Early garden variety and very much used. The roots are of medium size, very flat and the color white. Very early, sweet and tender. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

Extra Early Purple Top Milan

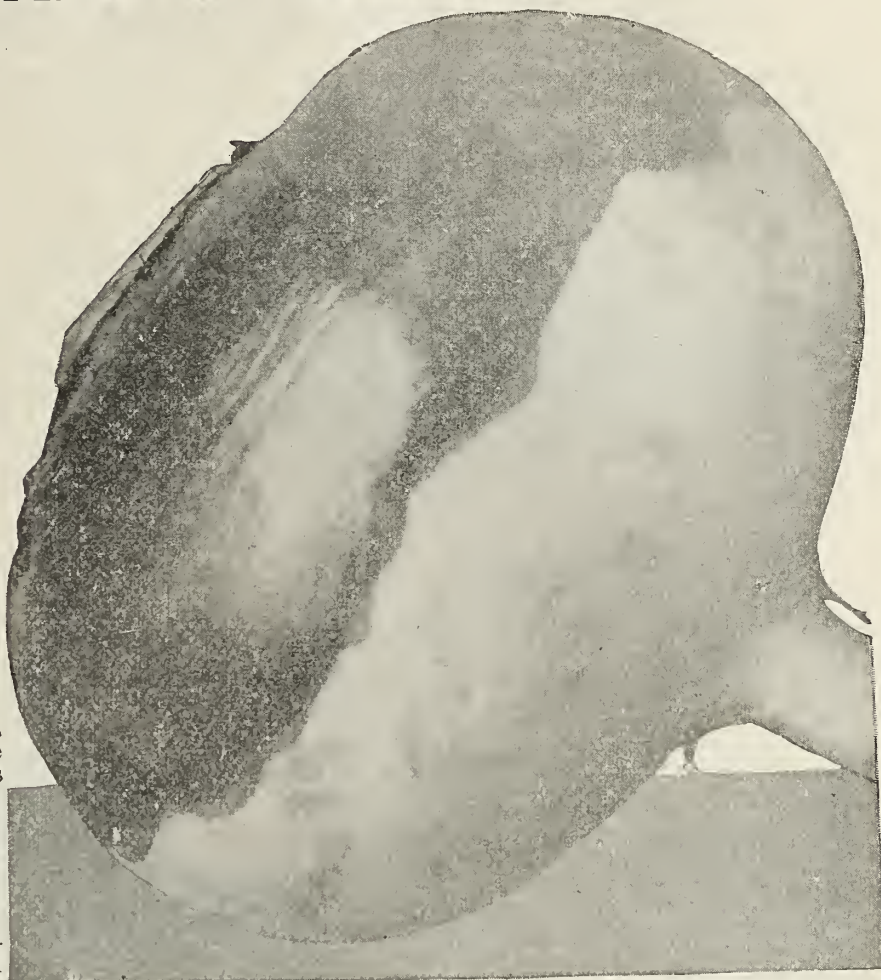
One of the earliest sorts in cultivation! Bulb very flat, medium size, quite smooth with a bright purple top; leaves few, short and light color grows compact and makes exceedingly small straggled top. **Postpaid, pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.**

Red Top White Globe

One of the handsomest and most profitable turnips unsurpassed for either home or market use. It is a large rapid growing sort with globe shaped roots, purple at the top and white underneath. It is of the same character and habit as the Purple Top Flat, but owing to its great size, will produce twice as much to the acre. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

Purple Top Strap Leaf

A well known popular variety, either for family or market use; large size; white-purple above ground, flesh fine grained, grows quickly and is as good for winter use or late planting as it is early. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**



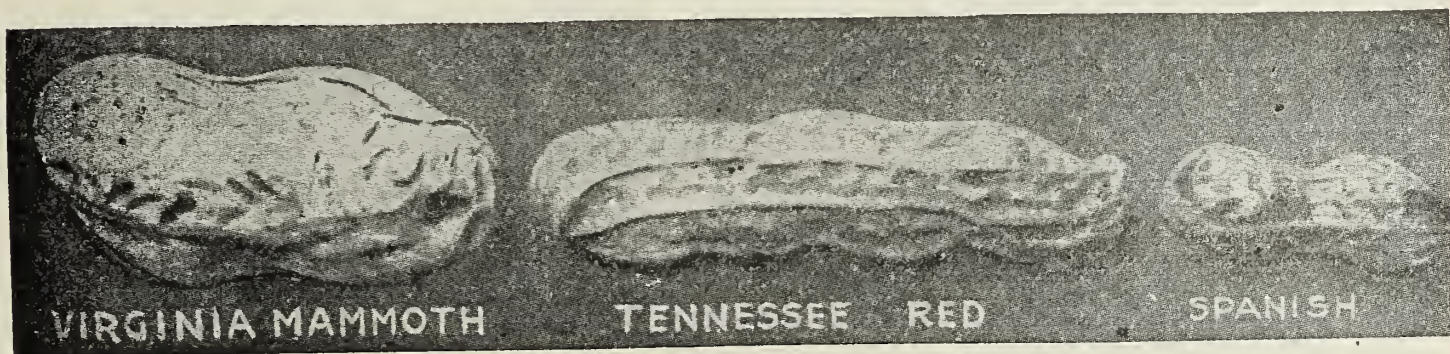
RED TOP WHITE GLOBE White Globe

Immense white globe shaped roots in rich ground frequently attain the weight of 12 lbs. Considering this size it matures early. A very good autumn variety for both table and stock. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.**

Ruta Baga—American Yellow Purple Top

The most satisfactory variety for either family use or stock feeding. It is hardy, productive, sweet, solid and of fine quality. It keeps perfectly all winter and into the following summer. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.**

SEED PEANUTS



Plant 6 to 8 quarts of shelled nuts to the acre. Peanuts do best in light, sandy soil. They should be planted in April, in rows three and a half feet apart and two feet apart in the row. Drop two or three good peas in each hill, cover about two inches.

First Class Seed Peanuts are mighty scarce this year. Better order early to be sure of getting your seed.

Tennessee Red

The finest variety grown especially adapted to black, waxy land as well as sandy soil. The nuts contain from 2 to 4 large kernels each and are enormously productive. Vines grow upright, in bush form and are very desirable for hay. **Postpaid, pkt., 15c; 1 lb., 40c; 3 lbs., \$1.10; Buyer's Expense, 5 lbs., \$1.35; Bu. (30 lbs.) \$7.50.**

Jumbo or Virginia Mammoth

This variety grows to an astonishing size and does extremely well in our state. The plants make compact bushes about 18 inches high, with heavy

erect stalks and large leaves. The giant nuts have thick, heavily ribbed shells. **Postpaid, pkt., 15c; lb., 40c; 3 lbs., \$1.10; Buyer's Expense, 5 lbs., \$1.35; bu., (22 lbs.) \$5.50.**

Spanish

The Spanish Peanuts are early to mature and very productive. In harvesting the nuts hang to the vine and tops and nuts are fed together to hogs, cows and horses as a whole grain ration. While the nuts are smaller they are very much sweeter than the larger sorts. **Postpaid, pkt., 15c; lb., 40c; 3 lbs., \$1.00. Buyer's Expense, 5 lbs., \$1.25; bu., (30 lbs.) \$7.00.**

TUCKERS' QUALITY SEED POTATOES NORTHERN GROWN

Our Seed Potatoes are all grown especially for Seed Purposes, and should not be classed with ordinary field run stocks, that are picked promiscuously on the markets and sold for seed. It is a well known fact that Seed Potatoes grown in the North are **EARLIER IN MATURITY**, more **VIGOROUS GROWTH**, and make a much **GREATER YIELD**. At the small additional cost amounting to only a dollar or two per acre, you cannot afford to plant ordinary field run stock.

PRICES

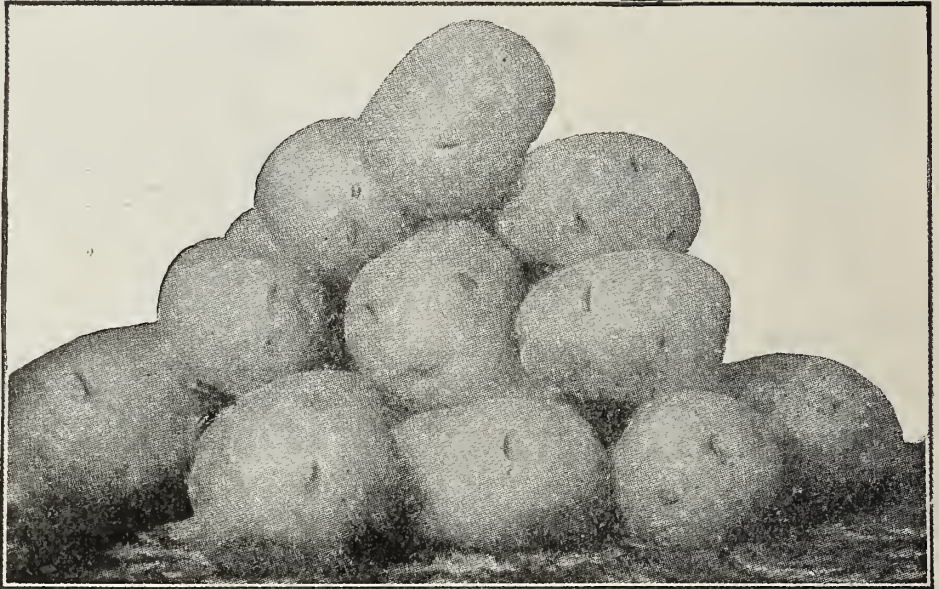
Owing to the severe market fluctuations it is impossible to name a price that will hold through the entire season. The prices as given below are the present values for our First Class Seed Stocks.

Early Orders will be booked at these values and the orders held for shipment at your option, or just as soon as weather conditions will permit. We suggest **Early Orders** as the supply of first-class seed stocks are very limited and we really look for a higher range of value later on.

If you do not order early, please write for prices, when you are ready to order and we will quote as low prices as possible, consistent with Quality Stocks, or if you will send us your order, we will send full value for your money, based on market values at the time the order is received.

Irish Cobbler

Genuine True Seed. Superior Both in Quality and Productiveness. One of the most reliable first-early Potatoes ever sent out. It ripens almost with the Early Ohio and is so uniform that every hill seems to ripen at one time. The yield is very large for an early variety—equal to some of the late ones. Form oval and round; skin lightly netted, cream, white and having few eyes, which are quite shallow—some even with the surface. Flesh pure white and of the finest quality—not exceeded by any other variety. Keeps perfect until spring, when it starts large strong and vigorous sprouts. Its strong growth, earliness, uniformity, large yield, fine quality and very handsome appearance have brought the Irish Cobbler right to the front as a profitable variety for market or home use. **Postpaid, 1 lb., 20c; 3 lbs., 45c. Buyer's Expense, pk., 70c; bu., \$2.50. Larger quantities \$2.40 per bushel.**



GENUINE IRISH COBLER

Early Ohio

The popularity of this variety to plant for an early and profitable crop is increasing every year. The particular advantage of this over other early kinds is that it averages larger, making more large-sized potatoes, and is of decided superiority in table qualities, and truckers or gardeners who want to build up a name for superior quality should plant this variety. The tubers average large in size, are oval, oblong and round at the seed end. It makes an excellent keeper and shipper, and is very productive. From our customers' experience we believe this variety best adapted for planting in loamy or stiff soils. **Postpaid, lb., 15c; 3 lbs., 40c; Buyer's Expense, pk., 65c; bu. \$2.45. Larger quantities, \$2.40 per bushel**

Extra Early Triumph

There is good reason why the Triumph should be popular. It is from 7 to 10 days earlier than the Ohio and that means a difference of many dollars in the crop. The potato is of good size, squared at ends. Skin is red, flesh is very white and firm. Very productive. The Extra Early Triumph has become the most popular Extra Early Potato. **Postpaid, lb., 15c; 3 lbs., 40c; Buyer's Expense, pk., 65c; bu. \$2.50. Larger quantities at \$2.40 per bushel.**

Rural New Yorker

They have a great record as a drought resister and most years they beat them all. A fine keeper and from January until new potatoes come, it is

of an excellent quality. It is of the smoothest, shallow eyed and pretty shaped potatoes grown. They are great yielders and the main crop of the late varieties. This is a variety that will please you; with its big, sure yield, and above all, its most excellent quality. **Postpaid, lb., 15c; 3 lbs., 40c. Buyer's Expense, pk., 65c; bu., \$2.45. Larger quantities, \$2.35 per bushel.**

Early Rose

The Early Rose still continues very popular in some sections. It is productive of excellent table qualities, and a most satisfactory all-round early variety. The Northern-grown stock which we offer is of extra quality and the best that can be obtained of this variety. **Postpaid, lb., 15c; 3 lbs., 40c. Buyer's Expense, pk., 65c; bu. \$2.45. Large quantities \$2.40 per bushel.**

Burbank

The Burbank has a light, cream-white color. Its shape is oblong and slightly flattened. The eyes are very shallow. The size is large and desirable, very few being under marketable size. It is smooth and regular in form; grows strong and vigorous from the very sprout. Is also a great drought resister. As near blight and scab proof as any variety we have ever known. The flesh is very white and whether boiled or baked it is of the same delicious tasty quality. The Burbank is a main crop variety. **Postpaid, lb., 15c; 3 lbs., 40c; Buyer's Expense, pk., 65c; bu. \$2.45. Larger quantities \$2.40 per bushel.**

Please Note

We give full weights. A peck is 15 pounds and a bushel, 60 pounds. If you prefer to buy by the 100 pounds, please write for prices. Our guarantee on our Seed Potatoes—**You to be satisfied or your money back.** We will cheerfully refund your money, if on receipt of the stock you are not pleased with the quality.

IMPORTANT

Change In Potato Prices

EXPLANATION:—At the time of writing and printing this catalogue, the prices on potatoes were almost an unknown quantity. We attempted to price them fairly to both our customers and ourselves. However since that time, there has been a very rapid advance in the POTATO MARKET and when we attempted to purchase seed stocks for this spring's business, along about December 15th, we were unable to buy at the prices quoted on the Potato pages of this book. Consequently the prices quoted below on this sheet are the prices that we are compelled to sell at, and they cancel all other prices on potatoes mentioned elsewhere. Further there seems to be a tendency toward even higher prices and our advice to you is to buy early and at once, or you will probably have to pay even more money per bushel. In ordering, be SURE to use the prices below.

Postpaid prices will be the same as those quoted in the catalogue:

Irish Cobbler	Peck, \$1.00	Bushel \$3.90
Early Ohio,	Peck, \$1.00	Bushel \$3.90
Extra Early Triumph,	Peck, \$1.00	Bushel \$3.90
Early Rose,	Peck, \$1.00	Bushel \$3.90
Rural New Yorker,	Peck, \$.95	Bushel \$3.75
Burbank,	Peck, \$.95	Bushel \$3.75

SEED SWEET POTATOES AND PLANTS

Order early. Better let us have your order early, and we will hold and send you the stock just as early as the season will permit, or at any rate in plenty of time for bedding.

Big Stem Jersey

The Quality Yellow Sweet Potato. The color outside is Old Gold and is very attractive. Inside very rich yellow. The table quality is unsurpassed. In appearance unexcelled; all seeming to shape up well. Their color is the richest yet; their table qualities second to none; their keeping qualities are among the best. Will grow more potatoes on poor land, with less fertilizer than any other variety we have ever seen. They sell readily in any market. We have sold this variety a number of seasons and will say that we know of nothing better in Sweet Potatoes. **Postpaid, lb., 15c; 2 lbs., 25c; 5 lbs., 50c. Buyer's Expense, 25 lbs., \$2.00; 50 lbs., \$3.85; 100 lbs., \$7.25**

Early Golden

An early variety of especial merit. Skin light yellow. Flesh whitish yellow, and very solid. Because of its earliness a fine market variety. **Postpaid, lb., 15c; 2 lbs., 25c., 5 lbs., 45c. Buyer's Expense, 25 lbs., \$2.00; 50 lbs., \$3.85; 100 lbs., \$7.25.**

Yellow Nansmond

One of the best, known of the yellow varieties. Very good flavor. **Postpaid, lb., 19c; 3 lbs., 25c; 5 lbs., 45c. Buyer's Expense, 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$7.00.**

Southern Queen

A large white potato of good flavor and a good yielder. **Postpaid, lb., 15c; 2 lbs., 25c; 5 lbs., 50c. Buyer's Expense, 25 lbs., \$2.00; 50 lbs., \$3.85; 100 lbs., \$7.25.**

Red Bermuda

This is the old standby as an early, quick maturing variety. The outside color is pinkish red while the meat is creamy yellow. **Postpaid, lb., 15c; 2 lbs., for 25c; 5 lbs., 45c. Buyer's Expense, 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$7.00.**



Nancy Hall

Probably no other variety of Sweet Potato has become as popular in so short a time as the Nancy Hall. Its popularity is due to several reasons, chief of which is its great yield, fine flavor and certainty of always making a crop. Nancy Hall has a creamy pink skin, while the flesh is cream yellow, very sweet and firm. We recommend this variety in the fullest term. **Postpaid lb., 15c; 2 lbs., 25c; 5 lbs., 50c.**

Buyer's Expense, 25 lbs., \$2.00; 50 lbs., \$3.85; 100 lbs., \$7.25.

SWEET POTATO PLANTS

We can supply in season Plants of all the Varieties listed above. Our plants will be well grown, strong and will please you. Let us have your orders early. **Postpaid, 100 for 40c; 300 for \$1.10; 1000 for \$3.25. Larger quantities at \$3.00 per thousand.**

VEGETABLE PLANTS

In their proper seasons, we shall have large quantities of all the plants listed below, well grown and stocky and all grown from the very best seeds. **Our Tomato, Cabbage, Cauliflower and Pepper Plants will all be Transplanted Stock**, and should not be confused with field grown or Hot frame stock. Transplanted plants are much more stocky, hardier and satisfactory, and the results from planting them will be much better. Purchasers may rely upon having their orders filled the day after received, the weather permitting. They will be carefully packed and will carry long distances. **Plants by mail at purchaser's risk.** No charge for packing, etc. Should we be sold out of the variety of plant ordered, we will send a nearly similar kind instead, unless customer wishes otherwise. **Special prices on 5,000 or more plants.**

Early Cabbage Plants

Ready for shipping in March and April. **Varieties**—Tuckers' Early Wonder, Early Jersey Wakefield, Early Flat Dutch, Early Summer and Copenhagen Market. **Postpaid, 50 for 45c; 100 for 85c; 500 for \$4.00.**

Cauliflower Plants

Ready February and March. Early Snowball. **Postpaid, Dozen, 25c; 50 for 60c; 100 for \$1.00.**

Pepper Plants

Ready April, May and June. **Varieties**—Ruby King, Chinese Giant, Pimento, and Long Red Cayenne. **Postpaid, Dozen, 25c; 50 for 60c; 100 for \$1.00; 500 for \$4.75.**

Tomato Plants

Ready April, May and June. **Varieties**—Earliana, John Baer, Genuine Stone, Livingston's Beauty, Globe Dwarf Champion and Ponderosa. **Postpaid, 50 for 45c; 100 for 85c; 500 for \$4.00.**

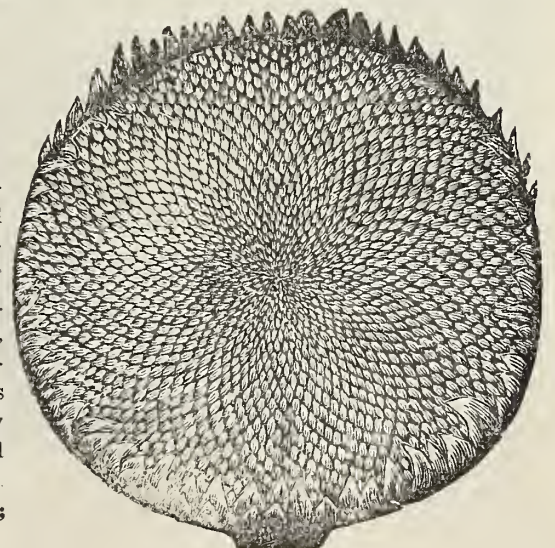
Be sure to spray your Tomato Plants with Fundi Bordo Mixture to prevent blight.

Celery Plants

Ready June and July. **Varieties**, White Plume, and Golden Self-Blanching. **Postpaid, 100 for 85c; 500 for \$4.00.**

Mammoth Russian Sunflower

Has very large single heads borne at the top of a single unbranched stalk usually, and with much more and larger seed than the common sorts. It is used extensively for feeding poultry and is an excellent egg producer. Also largely planted for hiding unsightly places. The plant often grows ten feet high. Sow seed as soon as ground is fit for planting corn, in rows, three to four feet apart and about one foot apart in row. Cultivate the same as corn. This variety will yield 1,000 pounds or more of seed per acre. They grow readily in almost any soil, but do best on light, rich, limestone or alluvial land well supplied with moisture and not shaded by trees or buildings. **Postpaid, pkt., 10c; lb., 30c; 3 lbs., 75c. Buyer's Expense, lb., 25c; 5 lbs., \$1.00. Larger quantities, 16c per pound.**



TUCKERS' QUALITY SEED CORN

OUR SEED CORN GUARANTEE

We guarantee each variety of our Seed corn to be exactly as represented, and if on arrival and examination you are not perfectly satisfied just ship it back and we will gladly refund your money and pay freight charges both ways. Quality Seed Corn is one of our specialties, and we take much pride in the numerous testimonials we have received from our many customers, praising the fine seed we have sent them, and the increased yields they have made by planting our seed. The varieties of seed corn we offer are selected with the greatest care, and you will find them true to name, the seed nubbed tipped, graded, tested for germination, and sure to please you.

PLEASE NOTE—Our Seed Corn is all grown in Southern and Central Missouri, and thus is acclimated to this entire and Southern section. Repeated tests have shown conclusively that it takes two years to acclimate corn from Iowa and the northern states, before it will produce normally in this section. Don't be misled by the extravagant claims made by a great many of the Northern Seed Houses that their seed corn will make great yields in this section the first season. A great many of our farmers have tried the experiment to their sorrow and financial loss.

Send Your Orders Early, to be sure of getting your supply. Because of the great acreage for spring planting, caused chiefly by the unfavorable Fall weather, for seeding wheat, there will be an immense Corn Acreage this season. Better order early and state in your order, whether if we are sold out on the variety wanted, we shall send you some other variety, as near as possible to the one ordered, or send your money back.

TUCKERS' GOLDEN ROD

The Best Yields on Record

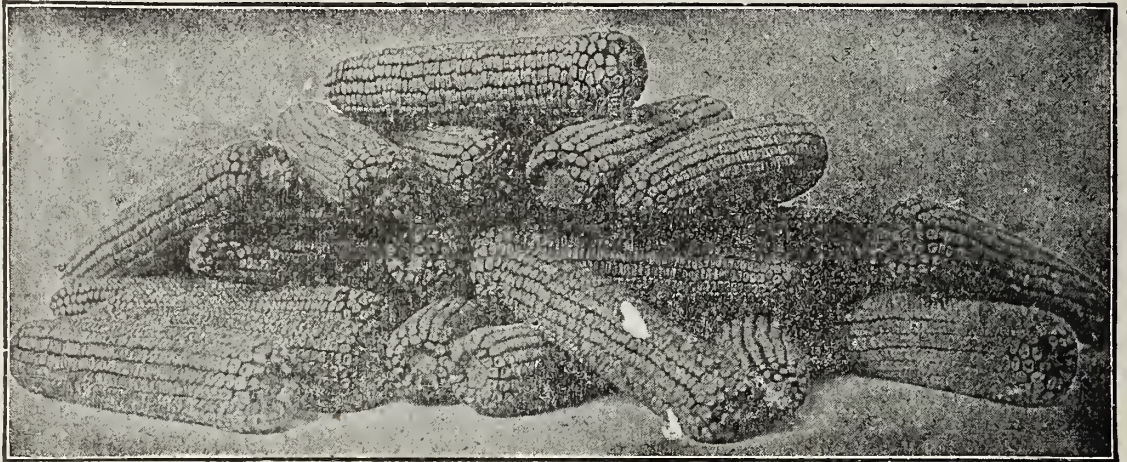
Deep Grained, Small Cob, Medium Early Stalks Short and Strong Ears Medium Size, Golden Rod is an Entirely Distinct Variety, and will outyield and outshell any medium Early variety of corn we have ever seen.

Our Illustration, will give you an accurate idea of the ears.

Golden Rod is the Best, Surest and Deepest Grained corn, that you can plant. A bushel of ears will shell out 60 to 65 pounds of shelled corn.

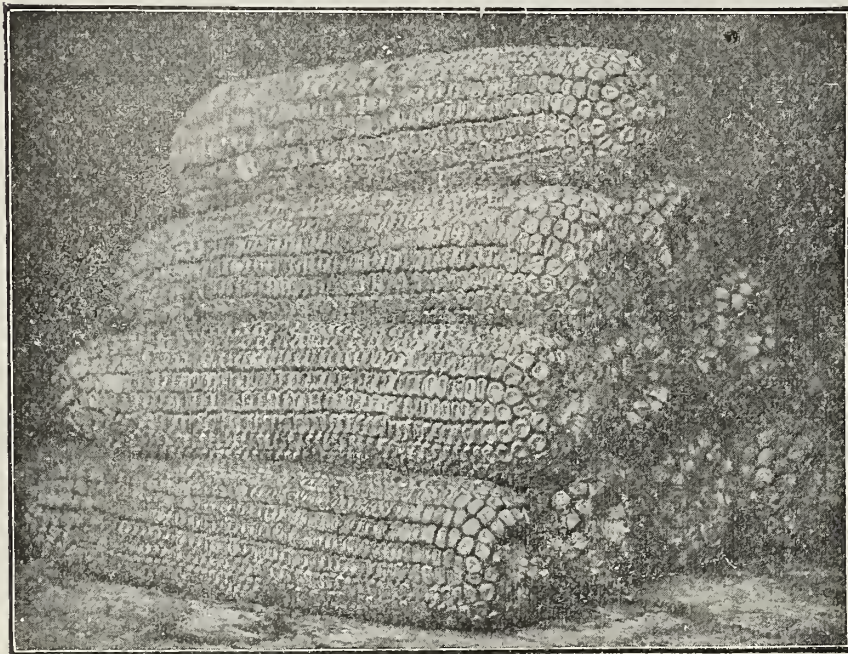
Golden Rod matures in 100 to 110 days. Ears

average 9 to 10 inches in length and grow just the right height, 3½ to 4 feet high on the stalk; stalks 6 to 7 feet tall, depending on the ground. Blades broad, and lots of them. Grains very deep and as yellow as gold. Rows straight as a string, cob very small, and on this account the ears dry out very fast. No barren stalks. Each stalk produces one to two ears of the finest yellow corn that is possible to imagine. This corn will fill your crib. Order early and when the seed reaches you, if you don't say it is the finest yellow corn you have ever seen, just send it back and we'll pay freight charges both ways. Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c; Buyer's Expense pk., \$1.10; bu., \$4.00. Larger quantities \$3.75 per bushel.



TUCKERS' GOLDEN ROD

TUCKERS' JUMBO



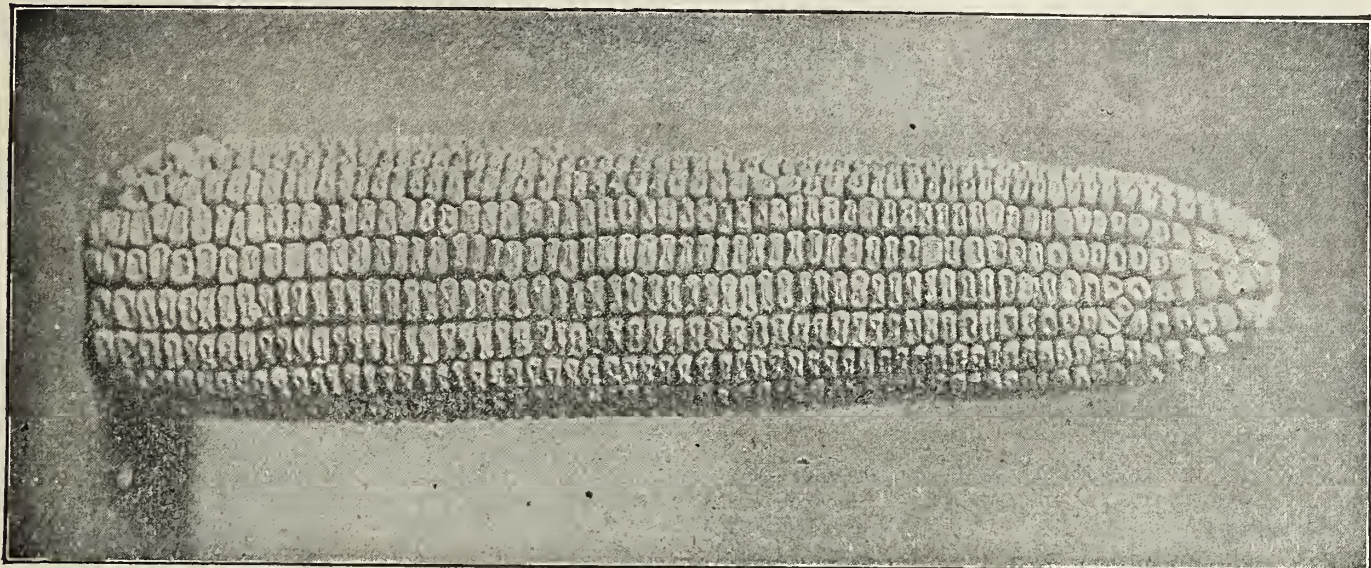
TUCKERS' JUMBO

Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c, Buyer's Expense, pk., \$1.10; bu., \$4.00. Larger quantities, \$3.75 per bushel.

A Grand, Large Eared, Deep Grained Yellow Corn

Tuckers' Jumbo combines all of the good points found in other large eared varieties as well as special points of its own, such as extremely deep kernels, strong rugged stalks, very profuse wide blades, making it one of the best ensilage, as well as a fine large yielding feeding variety. Large ears having 18 to 20 rows of grains. Length from 9 to 11 inches. Very deep grains. Color yellow. Kernels dented and rows run very even on the cob. Matures in 120 days. It makes a rapid, strong and rank growth, attaining a height of 9 to 10 feet, often producing 2 to 3 large ears to a stalk. The foliage is large, healthy and makes unusually fine fodder and is one of the best varieties for that purpose. We consider Jumbo the variety to plant where an extra, large eared corn is wanted. This corn as a whole, is indicative of its name and will certainly surprise you by the depth of its large kernels, the amount of shelled corn from a bushel of ears, and its yield per acre. If you want the best big eared corn grown with large heavy deep grains, a yellow corn that is strictly right, plant Jumbo

IOWA GOLDMINE



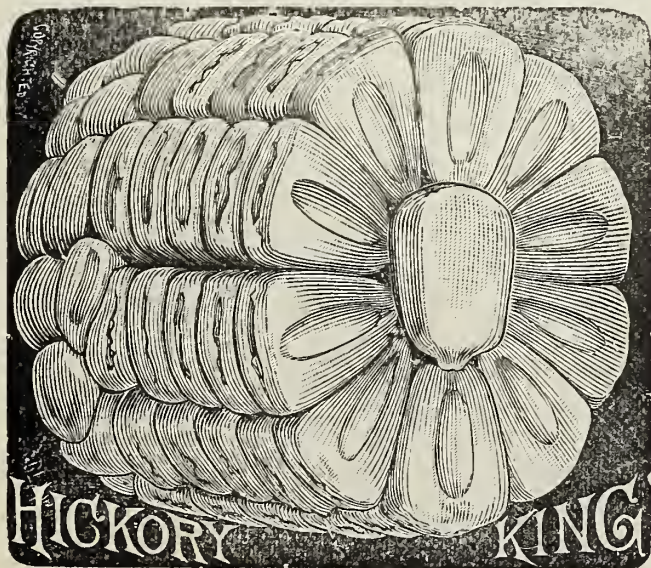
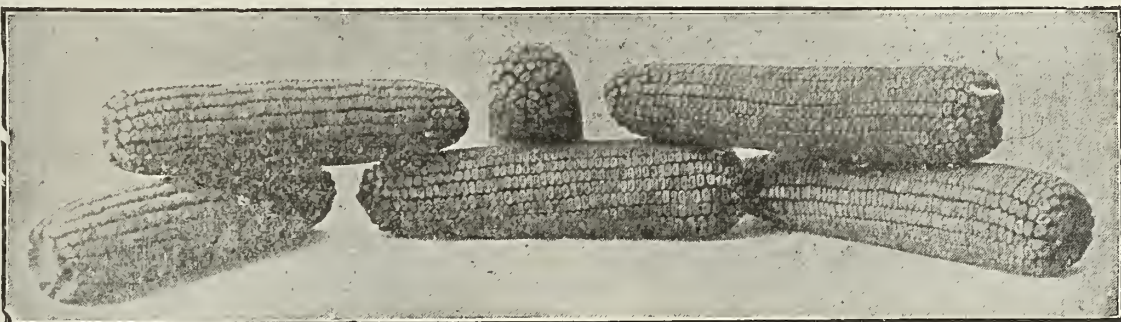
Iowa Gold Mine is a medium early, ripening between the extra earlys and late varieties. Is a favorite with every farmer who has ever planted it. Ripens in about 100 days, ears good, medium size, with very deep grains of the purest yellow gold it is possible to conceive, cobs very small, therefore dries out quickly. One bushel 70 lbs., of ears will shell out sixty to sixty-two pounds of shelled corn. Produces almost no barren stalks at all, each stalk bearing from one to two ears averaging nine to ten inches in length. Iowa Gold Mine is the best known of all yellow varieties, and has succeeded in more states and foreign countries than any other variety. Our seed of this variety for this season is certainly fine. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 35c. Buyer's Expense, pk., \$1.00; bu., \$3.75. Larger quantities \$3.65 per bushel.

GOLDEN BEAUTY

The ears are of perfect shape, with from 12 to 14 straight rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ear, and in every respect as perfect a type as could possibly be had. Golden Beauty matures in 100 to 110 days from planting and surpasses all in size and beauty of grain. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 35c. Buyer's Expense, pk., \$1.00; bu., \$3.75. Larger quantities at \$3.65 per bushel.

REID'S YELLOW DENT

Reid's Yellow Dent has been bred up and selected with painstaking care to what is at the present one of the best varieties of yellow corn grown. Ear medium in size remarkably uniform, and of bright yellow color, with solid deep grain and small red cob. Has from 18 to 21 rows of kernels on the cob. Fifty to 60 grains in the row, and fills well over the ends, especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test. Reid's Yellow Dent Corn has won more blue ribbons at the large corn shows, than any other variety. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 35c. Buyer's Expense, pk., \$1.00; bu., \$3.75. Larger quantities at \$3.65 per bushel.



HICKORY KING

This white field corn has the largest grains with the smallest cob of any white corn known. So large are the grains and so small the cob that on an ear broken in half a single grain will almost completely cover the cob section. Of strong growth, the roots take a firm hold in the ground and the stalks stand very stiff and upright. It yields splendid crops on light soil. Frequently grows with two ears to the stalk. Hickory King is an almost sure cropper. In seasons when lots of the larger varieties, due to dry weather make almost no corn at all, this variety withstands the drought and comes through with a fairly good yield. Hickory King makes excellent roasting ears, as well as being a good feeding variety. Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c; Buyer's Expense, Gallon, 70c; pk. \$1.25; Bushel, \$4.75; Larger quantities at \$4.65 per bushel.

EARLY HUSTLER

Matures in 80 to 85 Days. Extra Deep Grains and very small cob. Early Hustler is a new variety, introduced in the past five years, and in that time it has proven itself to be one of the greatest yielding Early White varieties of corn ever known. It has an extra deep grain and small white cob. The ears average 12 to 14 rows of kernels, and seven to eight inches long. Produces almost always two good ears to the stalk. Stalks grow five to six feet tall, with reasonably wide blades. Makes a good root growth and because of this and its medium height, does not blow down easily.

Early Hustler is one of the best feeding varieties, as the grains are not flinty, but are extremely rich in oil. This variety is destined to become the leading early white corn, as soon as its many good points become known. Our stock of Early Hustler is limited, so if you wish to try out its merits, better let us have your order early. **Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c. Buyer's Expense, gallon 70c; pk., \$1.25; bushel \$4.75.**

EARLY GARTNER---80 DAY

An Extra Fine Early White Corn. Early Gartner is an extremely early white corn, maturing in 80 days. The ears average 12 to 14 rows of kernels. Set very compactly on a white cob. Average length of ears, 9 to 10 inches. It is a certain yielder, seeming to withstand hot, dry weather better than most varieties, and still come through and make a crop. The grains are reasonably deep, but not as deep as Early Hustler, described above. The color is pure white and the ears run very even. A great many of our Market Gardener friends, have been planting Early Gartner for roasting ears, with the best of results and returns. Early Gartner has been grown in this section for several years and our friends who have grown it are very enthusiastic about its fine Quality, yield and earliness. We give Early Gartner our heartiest recommendation. **Postpaid, pkt., 10c; lb., 15c; 3 lbs., 40c. Buyer's Expense, pk., \$1.25; bu., \$4.75.**

ST. CHARLES

The St. Charles White is a pure variety of white corn set on a red cob, and this corn appears to make a finer and better grade for milling purposes and for corn meal than almost any other sort. The ears are usually 8 to 10 inches long, 16 to 18 rows of deep broad kernels being rounding. The stalks grow from 7 to 8 feet high and have broad succulent blades, thus making it very desirable for fodder or for ensilage purposes. **Postpaid, pkt., 10c; lb., 15c; 3 lbs., 35c; Buyer's Expense, pk., \$1.00; bu., \$3.75. Larger quantities at \$3.65 per bushel.**

TUCKERS' PERFECTION WHITE DENT

THE LARGEST AND MOST PERFECT WHITE VARIETY. A BIG YIELDER AND SURE CROPPER
Perfection White Dent, is the Finest long eared medium Early White Corn we have ever seen. It produces large crops of Extra fine, pure white perfect ears, averaging 10 to 10½ inches long. The stalks grow very strong, and the root growth is large, joints are very close with an abundance of broad blades, making it a good ensilage variety. Matures in 100 to 110 days. Ears are very uniform and are the most perfect of any variety. Ears fill out well over the ends and contain from 18 to 22 rows of perfect grains. Perfection White Dent is a true type of the Dent varieties; and when a little better known, will certainly head the list as the most perfect and best yielding of all the white varieties. We know of nothing better for a general crop and large yield than this variety. **Postpaid, pkt., 15c; lb., 20c; 3 lbs., 50c; Buyer's Expense, pk. \$1.10; bu. \$4.00. Larger quantities \$3.90 per bushel.**

IOWA SILVER MINE

The Pure, Genuine Silver Mine Corn

Silver Mine is one of the best yielding of all the white varieties. It is extremely hardy, of strong vitality and does better on old, poor or hill land than any other variety. Early to mature, a big yielder and first-class for feeding, ensilage or fodder purposes. It is adapted to a wide range of conditions and a great success in the north, south, east and west. It makes good where others fail and brings satisfaction to the farmer who plants it.

DESCRIPTION—Stalk medium in height, ranging from 7 to 10 feet, (dependent on the land, hill or bottom) very leafy broad blades; type of corn even and uniform; ears running from 9 to 12 inches in length; 16 to 20 rows pure white kernels solidly set on a medium small cob.

Matures in from 90 to 100 days in good corn weather. **Postpaid, pkt., 10c; lb., 15c; 3 lbs., 35c. Buyer's Expense, pk. \$1.00; bu. \$3.75. Larger quantities, \$3.65 per bushel.**

BOONE COUNTY WHITE

A very large, fat, heavy ear tapering only slightly from butt to tip, rounding off nicely within an inch of the top; 18 to 24 rows of about 50 kernels each, carried out to the full length of the ear. Tips and butts that are exceptionally well filled out, so little waste space is there between the kernels that the entire surface of the cob is completely covered with practically a solid layer of grains one-half to three-fourths of an inch deep. White cob of only medium size, which together with the depth of grains, gives it a remarkably high selling percentage. Kernels that are of ideal shape creamy white color, moderately rough with large germ. A very strong vigorous stalk 8 to 10 feet high. Matures in about 110 days. **Postpaid, pkt., 10c; lb., 15c; 3 lbs., 35c. Buyer's Expense, pk., \$1.00; bu., \$3.75. Larger quantities, \$3.65 per bu**



BOONE COUNTY WHITE

BLUE AND WHITE

This variety of corn has both Blue and White grains, but should not be confused with the small variety of Flint corn, that has the same characteristics.

This variety produces ears from 9 to 10 inches long, very smooth, straight rows, well filled out on tip to butt. Grains are reasonably deep, and set closely together, not only in the row, but the rows are very close, making it a good yielder. The stalks average one to two ears, with almost no barren stalks whatever. It is an almost sure cropper, having made good yields when other varieties failed. The party from whom we procure our seed has been growing Blue and White corn for several years, with the best of results. He states that he always raises corn with this variety, good years and bad. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 35c; buyer's expense, pk., \$1.00. Bushel \$3.75. Larger quantities at \$3.65 per bushel.

FLINT VARIETIES OF SEED CORN

The advantage of the Flint varieties of corn in this section lie in their extreme earliness, and hardness. The varieties listed below will be matured enough to shuck and feed, while the later varieties of big corn commonly planted in this section, such as Boone County, St. Charles, etc., will be only in the roasting ear stage. The Flint corns are extra fine for cutting stalk and all, early for hog feeding.

Longfellow, Yellow Flint

The most popular of all flint varieties. It is a beautiful eight-rowed yellow flint, with slender, straight ears, 10 to 15 inches long. Kernels are large and wide, and cob very small. Ripens in 75 to 80 days, and very prolific. Stalks grow 6½ to 7 feet tall and a great many bear two ears. This variety is extra fine for early hog feed. Postpaid, pkt. 10c; lb., 15c; 3 lbs., 35c. Buyer's Expense, pk., \$1.00; bushel, \$3.85. Larger quantities at \$3.75 per bu.

Sanford White Flint

This is probably the best known and most generally planted of the White Flint varieties. It has an extra fine long straight ear with eight rows of grain. Ears average 10 to 12 inches in length and are well filled out at both ends. This variety in addition to making good yields of matured corn is excellent for early roasting ears. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 35c; Buyer's Expense, pk., \$1.00; bushel \$3.85. Larger quantities at \$3.75 per bu.

SEED POPCORN

The Big Money Crop for the Boys and Girls.

Our Boys and Girls Pop Corn Growing Contest for this section the past season was a success. The interest taken was fine, and the competition very keen. Dry weather and late planting cut down the yields considerably in some cases, but we are mighty well pleased with the results.

Pop corn is one of the best paying crops that you can plant. If planted early as it should be, it is an almost certain cropper. Yields of a ton to a ton and a half are not uncommon, and with the price from double to three times that of Field Corn it returns big dividends. During the past year we purchased lots of pop corn that returned the growers from \$75.00 to \$100.00 per acre. The varieties listed below are the best for this section. We especially recommend the Queen's Golden as the best and surest yielder. Our Pop Corn Seed is selected, and is the best that can be had. All seed shelled.

Selected White Rice

Our stock of this variety is very choice, having been selected very carefully for many years. This variety is one of the best for popping; grains pointed; pops full and white; ears large sized, very handsome; productive; excellent quality; very crisp and delicious. Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c. Buyer's expense, lb., 15c; 5 lbs., 70c. Larger quantities 12½c per pound.

Tom Thumb or Japanese

The Tom Thumb is a dwarf growing, White Rice Pop Corn. Is ready for popping, soon after it is husked. It is almost hullless and when popped there is absolutely no hard center. The stalks grow about five feet high, and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. Postpaid, pkt., 10c; lb., 25c; 3 lbs., 70c. Buyer's Expense, lb., 20c; 5 lbs. 90c. Larger quantities at 15c per pound.

Amber Rice

A new variety which bids fair to become one of the most popular. Ears are good size, both in length and diameter. Grains are pointed, similar to the well known White Rice. The color is a beautiful amber. The popping qualities of this variety are strictly first-class. Postpaid, pkt., 10c; lb., 30c; 3 lbs., 80c. Buyer's Expense, lb., 25c; 5 lbs., \$1.00. Larger quantities 18c per pound.

Queen's Golden (Small Grain)

Our small grained type of Queen's Golden pop corn is undoubtedly the greatest yielding variety of any of the pop corns. The ears average six inches long and are borne 2 to 3 to the stalk. Stalks grow 5 to 6 feet high with good large foliage. It is a very thrifty grower and roots well. The grains pop out perfectly white and are extremely tender and sweet, with almost no hard center. Do not confuse our small grain type of this pop corn, with the old fashioned large grain type that looks more like field corn than pop corn. Postpaid, pkt., 10c; lb. 20c; 3 lbs., 50c. Buyer's Expense lb., 15c; 5 lbs., 60c. Larger quantities at 10c per pound.

Good Seeds are worth every cent that you pay for them. The result that you obtain from your planting and seeding is what really counts, and not the money that you pay for the seed. Tuckers' Quality Grade Seeds will give you results.



INSURES SUCCESS WITH LEGUMES

For Alfalfa, Clovers, Vetches, Cowpeas, Soybeans, Peas, Beans



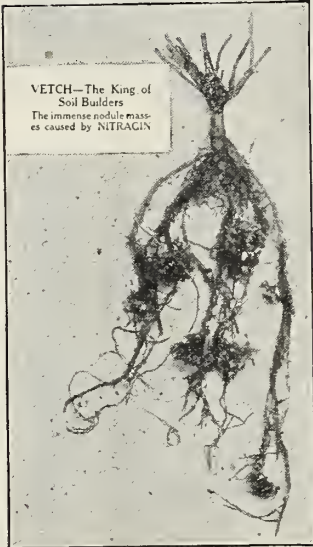
Carries no Weeds or Plant Diseases—Enriches the Soil—Stimulates Growth
“NITRAGIN” INCREASES YIELD — MAKES FERTILE SOIL

Don't Sow Legume Seed Without Inoculation

“Nitragin” is the trade name of the germ that acts in the Legume root; draws nitrogen from the air and converts it into plant food. It insures a uniform “catch” a strong, healthy, hardy plant. At the same time the soil is enriched for the nourishment of the succeeding crop. But remember, only Legumes inoculated with a good reliable culture, such as “Nitragin,” will do this. Use “Nitragin” on all legumes. Make your farm fertile.

Inoculate Seed With “Nitragin”—Get a Bumper Crop

In order to get a bumper crop your farm must be fertile. Your farm cannot be fertile unless you can grow Legumes successfully, to get a “catch,” to insure an even stand, you must in a great many cases use a good pure culture, such as “Nitragin.” The pure culture system of inoculating legumes is endorsed by the U. S. Dept. of Agriculture, by experiment stations, by agricultural experts, and by farmers who have used “Nitragin.” The leading seed firms through the country are also endorsing pure culture for all legumes. Science has definitely proved that legume crops must find certain bacteria in the soil or they will prove a failure. If you failed to secure a “catch” it's because there is something lacking in the soil. The problem in a great many cases has been solved, that it lacks bacteria sufficient to insure a “catch.”



NITRAGIN bacteria are sold only in the FINLEY-GRANULAR MEDIUM and VENTILATED CAN

which always assures you strong, active bacteria and uniformly good results.

PRICES

Garden Nitragin (Peas, Beans, Sweet Peas only, all in one can, one size only, wt. 4 oz.)	.....	\$ .30	\$.35
Half Acre Size (any culture, weight 4 oz.)	.....	.50	.55
One Acre Size (any culture, weight 8 oz.)	.....	1.00	1.05
Two Acre Size (any culture, weight 1 lb.)	.....	1.80	1.85
Five Acre Size (any culture, weight 2½ lbs.)	.....	4.00	4.15
Ten Acre Size (any culture, weight 5 lbs.)	.....	7.50	7.70

Please state for what crop it is to be used, as we have different kinds of NITRAGIN
Include “NITRAGIN” With Your Seed Order—Mention Crop You Want It For

Tuckers' Quality Brand Recleaned Clovers, Alfalfa, Grass and Field Seeds

Beginning January first, 1920, we will tag each bag or lot of Clover, Alfalfa, Grass and Field Seed which weighs ten pounds or over with a tag showing the **Origination of the Seed, the Purity and the Germination.** The name of the weed seeds if any in the lot with the percent will also be stated.

We are doing this for **your protection** as well as **our own**, and also to comply with the new Missouri State Law, which went into effect January first of this year.

This new law is a protection not only for the Planter, but also for the Dealer. It protects you from the unscrupulous dealer, who in the past has sent out any lot of Seed, Weed Seeds, and all, and stated that they were the best to be had and it protects the Honest Dealers from the same class of dishonest merchants.

Our seed will be labeled to comply with any and all State Pure Seed Laws and you can rest assured that each lot will be exactly as represented on the tag.

We have always used every effort to sell only the best grades and our thousands of customers everywhere are positive proof, that we have been successful.

About Different Grades

This year we will list two grades, **OUR QUALITY BRAND** and **HIGH GRADE FANCY.**

We have always specialized on our **Quality Brand**, and will continue to do so. This Grade of Seed represents the **Very Best That It Is Possible to Buy.** It is **New Crop, Recleaned**, the very **Highest Germination** and **Contains Less than one percent of Weed Seeds.** The above holds good on all Clover, Alfalfa, Field Seeds and Grass Seeds with the exception of light Grasses, such as Orchard Grass, etc. These light Grass Seeds are harder to clean and it is impossible to make them as pure as in the case of heavier seeds.

The light Grasses will be held to the **HIGHEST PURITY AND GERMINATION** that it is possible to get them and you may be certain that we will send you only the very best. We will appreciate your inquiries for samples at all times and will gladly give the Purity and Germination tests on any quantity or grade of seeds in which you may be interested.

Our **HIGH GRADE FANCY** will be strictly first class seed. New Crop, Recleaned and High Germination. It, of course will not be as pure as our **QUALITY BRAND**, but it is worth every cent we ask for it. The purity will be almost equal the best grade, and the Germination first class. This grade is especially good for seeding on old pastures and meadows and will give excellent results. If we did not know this grade to be good, we would not offer it to our customers.

Our Guarantee

We personally guarantee each variety of seed which we sell to be exactly as represented, and to be of first class Germination. If on receipt of the seed and examination, you are not satisfied, we will gladly refund your money and pay transportation charges both ways.

Examine the Seed, test them and then if not satisfactory your money is ready for you.

In conclusion we wish to say that your interests and ours are the same, you must have good Seed and we must supply good Seed to our Customers or lose their business.

Please Note

Owing to unsettled conditions and the great shortage developing in some varieties, the prices on Clover, Grass and Field Seeds, are continuously changing. Under these conditions the prices quoted in our catalog are only good for 30 days or until February 15th, and are subject during that time to our stocks being sold out when your order is received. We are fortunate in having large stocks of most of the varieties on hand and you may rest assured that we will do everything possible to fill your order. We want your business and will use every effort to merit your orders.

TUCKERS' HIGH-GRADE CLOVER SEED

Tuckers' Quality Brand Clover and Grass Seeds are the Best Qualities Obtainable. Our Customers Can Always Rely on These Seeds Not Only Being of High Germination, but Free from Injurious or Objectionable Weed Seeds.

Prices of Clover seed look rather high this season, compared to previous years, but considering the short crop, and the prices of grain and fertilizers, they are reasonable. The sowing of Clover seed is absolutely essential to a proper rotation of crops and to keep up the fertility of the land. Please remember that we do not charge for Bags.

Red Clover

Red Clover not only furnishes most excellent pasturage and fine hay crops, but its growth improves the land and adds humus to the soil wherever it is grown. It is the standard hay, pasturage and soil-improving crop wherever general farming is practiced.

Red Clover will yield crops 2 or 3 years from one seeding, and on good land will yield two cuttings per year. The first crop makes rich feed, and is the most valuable for hay. The second crop does not make so good a quality of feed. Red Clover should be cut for hay when in full bloom. For hay it is particularly well adapted for sowing with Orchard grass, as it ripens at the same time, and sowing these grasses together will give larger yields and of better quality hay than sowing either alone. One-half bushel of Orchard Grass, and six pounds of clover will give excellent results, and if it is desired to use the land for pasturage also, the addition of six pounds Red Top will increase the pasturage and the second cutting of hay considerably. When sown by itself, sow 10 to 12 lbs., per acre, either in the fall or spring.

QUALITY GRADE, Postpaid, lb., 75c; 3 lbs., \$2.10. Buyer's Expense, 10 lbs., \$6.00; bushel, (60 lbs.) \$34.75.

HIGH GRADE FANCY, Postpaid, lb., 70c; 3 lbs., \$2.10. Buyer's Expense, 10 lbs., \$5.75. Bushel (60 lbs.) \$33.50.

Mammoth, or Sapling Clover

This is similar to Red Clover, both in the appearance of the seed and its habits of growth, the difference being that it grows larger and is later in maturing. It is considered superior as an improver of soils on account of the extra growth. It is a good variety for thin soils, or to seed with Timothy or Red Top, as it matures about the same time as these grasses. Sow 10 to 12 pounds per acre by itself or with Timothy. Six pounds of clover and six pounds of Timothy will give a liberal seeding. The addition of five pounds Red Top per acre will increase the crop of hay and add considerably to the grazing value.

QUALITY GRADE, Postpaid, lb., 80c; 3 lbs., \$2.25; Buyer's Expense, 10 lbs., \$6.25; bushel, (60 lbs.) \$36.00.

HIGH GRADE FANCY, Buyer's Expense, 10 lbs., \$6.00; bushel (60 lbs.) \$36.25.

ALSYKE CLOVER AND TIMOTHY MIXTURE

A First Class Hay and Pasture Combination. Especially Adapted for Low Moist Lands, or Any Land That Will Grow Clover and Timothy.

One great advantage that is realized by a mixture of these grasses, is the fact that they are both perennials and make a better combination than most any other two. When you once get them established, they stay right with you, until you wish to break up the sod. They do not easily winter kill and are very hardy. They blossom and the seeds ripen together and are suited to the same soils. On low moist lands where other grasses would fail they do especially well. They do well on any land where common grasses and clovers grow.

The Alsike forms a thick bottom and greatly increases the amount of pasture or hay and stock prefer it to Timothy alone. The Timothy acts as protector to the Alsike through the winter and it never winter kills. They are beneficial to each other in growth as the Alsike supplies the nitrogen to the soil, thus keeping it in proper condition for the best growth of Timothy. The yield is enormous and of the best quality of hay having the highest feeding value for stock of all kinds and splendid for work horses when pure Clover is objectionable. Sow 12 to 15 pounds per acre.

Our seed is re-cleaned, New Crop, free from obnoxious weed seeds, and is top germination. The proportion of each variety in our mixture is 20 percent Alsike and 80 percent Timothy. We want you to know that our mixture of these seeds is the best that it is possible to buy. All big plump, re-cleaned seed. **Postpaid, lb., 45c; 3 lbs., \$1.25. Buyer's Expense, 10 lbs., \$3.00. Bushel (45 lbs.) \$9.75; 100 lbs., \$21.25, bags free.**



White Clover

A small headed white species exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer it is of great value for use in permanent pastures, as it affords a most nutritious food for sheep and cattle. This variety will succeed in almost any soil. About six pounds are sown to the acre.

QUALITY GRADE, Postpaid, lb., 80c; 3 lbs., \$2.25. Buyer's Expense, 10 lbs., \$6.75; bushel (60 lbs.) \$37.50.

Alsike Clover

Costs Less to Seed Than Other Clovers. Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also hardier, resisting extremes of heat and drought and also severely cold weather to a remarkable extent. It succeeds on a variety of soils, light upland loamy lands, as well as stiff bottom lands and is especially adapted to wet land.

The good qualities of Alsike are being appreciated everywhere. It is surer to give a good stand and make good crops than either the Red or Mammoth Clover, and in sections where these clovers have been uncertain. Alsike is superceding them almost altogether. The seed of Alsike Clover being much smaller than the Red or the Mammoth Clover, does not have to be sown as thickly, and consequently it costs less to seed an acre than of either the Red or Mammoth Clover. The quantity of seed per acre when sown alone is 6 to 8 lbs. When sown in mixture with Red Clover, which is very desirable, sow 3 lbs., Alsike and 7 lbs. Red Clover per acre.

QUALITY GRADE, Postpaid, lb., 80c; 3 lbs., \$2.25. Buyer's Expense, 10 lbs., \$6.50. Bushel \$36.00. HIGH GRADE FANCY, 10 lbs., \$6.25; bushel (60 lbs.) \$35.25.



ALFALFA

The Greatest Feed Crop Known

Alfalfa is being more generally grown as experience is teaching the proper methods to follow. Different soils do not now seem so difficult to overcome, especially where they can be properly drained, pulverized, sweetened and inoculated. Alfalfa does not thrive on acid or sour land, nor will it do its best without inoculation on any kind of soil. Treat your land to a liberal dressing of fine ground limestone well worked into the soil some three months to a year before seeding to Alfalfa. Sow from 12 to 15 lbs. well inoculated seed per acre, using Nitragin. From April 1st, to June 15th for the early Spring seeding and the latter part of August, to the first part of September for Fall seeding either drilled or sown broadcast. If broadcast, cover lightly with a light drag or with single stroke of a harrow. Alfalfa naturally prefers a deep, sandy or gravelly sub-soil. Roots from 2 to 15 feet deep, and a good stand on properly selected land should yield from 3 to 5 cuttings a year. It is easy to grow, and with the proper preparation no one should make a failure. It has been grown successfully in almost every state in the union.

Alfalfa is very rich in Protein and is as nutritious as the most of the mill feeds for dairy cows. Hogs, Cattle, and Horses fatten and thrive on Alfalfa pasture. There is no more profitable crop grown.

When you buy Alfalfa Seed, you naturally want the **Best and Purest Seed** that it is possible to procure. **Our Quality Brand** is as near perfect as it is possible to buy. It is Kansas grown, non-irrigated seed and is as **Pure and High in Germination** as extra care in growing, and cleaning can possibly make a lot of seed. We absolutely guarantee this brand to be the best that can be bought at any price.

QUALITY BRAND, Postpaid, lb., 50c; Buyer's Expense, 10 lbs., \$4.40. Bushel (60 lbs.) \$23.75; 100 lbs., \$39.50, bag included.

HIGH GRADE FANCY, Postpaid, lb., 45c; Buyer's Expense, 10 lbs., \$4.25; Bushel, (60 lbs.,) \$23.00; 100 lbs., \$38.50, bag included.

GRIMM ALFALFA

Genuine Pure Stock

This variety of Alfalfa differs from others, in the fact that it has a branching growth, instead of the single tap root. It makes a great net work of feeder roots, which keep it from freezing out so readily. Its advantages are many, chief of which are its extreme hardiness and great yielding qualities. On account of its hardiness and great growth a field of Grimm Alfalfa will not kill out as easily and weeds and Fox-tail do not smother it. Ten to twelve pounds of seed are enough for an acre, as it branches considerably more than other varieties. Our stock of seed is the genuine, pure Grimm variety and can be depended upon to give results. Because of the scarcity of the seed and the great demand the seed is higher in price than the standard varieties. **Postpaid, lb., 65c; 3 lbs., \$1.80. Buyer's Expense, 10 lbs., \$5.50; bushel, (60 lbs.) \$30.00.**

TIMOTHY

One of the most popular, nutritious and salable of hay grasses. It is best adapted for sowing on clay or heavy loam, lowlands or in mountainous districts, although it will do well on any good loamy soils, provided moisture is abundant. It does not succeed so well, however, as Orchard, Tall Meadow grass on soil of a sandy or loamy texture, and is not of so much value for pasturage as other grasses. The yield of hay on good ground is from one to two tons per acre. Timothy requires good land to make good crops. It does not root as deeply, and is not considered as much of a soil improver as other grasses; consequently should not be sown on land deficient in humus or vegetable matter, nor on soils of a light or sandy nature. The best clover to sow with Timothy is the Sapling, as it matures and ripens with Timothy. The

practice of sowing the common red clover with Timothy, is not advisable, as they do not ripen together, the clover being ready two or three weeks before the Timothy; thus, either one or the other must be cut at a stage which will not give the best results. Red Top and Meadow Fescue mature at the same time as Timothy, and are excellent grasses to sow with it, both for hay and pasturage. They will increase the yield and value of the pasturage. Timothy by itself, requires a peck (11 lbs.) to the acre, or with clover, 10 lbs. of Timothy and 3 lbs. of Sapling clover will give a good seeding.

QUALITY GRADE, Postpaid, lb., 25c; 3 lbs., 65c; Buyer's Expense, bushel (45 lbs.) \$6.50; 100 lbs., \$13.75.

HIGH GRADE FANCY, Postpaid, lb., 25c; 3 lbs., 55c; Buyer's Expense, bushel \$6.25; 100 lbs., \$13.25.

Sweet Clover or Bokhara

White Blossom, Hulled Seed

Sweet Clover is valuable because of its ability to grow and thrive on the poorest and most barren places. It will not only thrive on soils that are too poor for any other crop, but will improve the soil it is growing on. It makes good hay and good pasture. When young it resembles Alfalfa, but

when matured it often stands 5 to 8 feet high and blooms from June to October. The roots are large and muc branched and penetrate the ground several feet. Being Biennial, all top and roots die at the end of the second year if the plant ripens seed. If cut before seed is ripe, or if pastured so that seed is not matured the plants lasts over several seasons. Is found growing under very varied conditions of both soil and climate. It, however, prefers a limestone soil and has been largely used to reclaim old, worn-out, abandoned lands. It is of great value for this purpose. Apart from its value as a nitrogen gatherer and humus producer, Sweet Clover is rapidly coming to the front as a hay and pasture crop. Its feed value is nearly equal that of Alfalfa, and in a



short time, stock eat it as readily as they do Red Clover and seem to thrive on it equally well. For hay cut just before it comes into bloom, and is handled as you would Alfalfa. It is also used extensively as a Bee pasture, the small white blooms yield much fine honey. Sow at the rate of 15 to 20 lbs., per acre, in April for spring seeding and August to the first half of September, for Fall seeding. The White Blossom variety is the hardiest and is considered the best.

QUALITY GRADE, Postpaid, lb., 55c; 3 lbs., \$1.50. Buyer's Expense, 10 lbs., \$3.90. Bushel, (60 lbs.) \$22.75.

HIGH GRADE FANCY, Postpaid, lb., 50c; 3 lbs., \$1.40. Buyer's Expense, 10 lbs., \$3.75. Bushel, (60 lbs.) \$22.00.

TUCKERS' QUALITY GRASS SEEDS

All New Crop and Especially Selected for Purity, and High Germination.

Write for Special prices on larger quantities than listed here. We carry large stocks and can and will save you money.

Orchard Grass

Orchard Grass is a very vigorous grower. It is succulent and nutritious, and when mowed requires only a few days of seasonable weather to start it growing again. Orchard Grass is excellent as a pasture grass, and succeeds in shady situation, such as orchard, park, etc., better than most other grasses. It does best, however, on loamy uplands or moderately stiff soils, although it will succeed very well even on soils that are inclined to be of a sandy texture. It matures early, and is excellently adapted for sowing with Red Clover, and this mixture is very highly recommended. Orchard Grass can be sown either in the spring or fall, although it is best sown in the spring. Sow at the rate of 1 to 1½ bushels per acre.

QUALITY GRADE, Postpaid, 40c; 3 lbs., \$1.00; Buyer's Expense, bushel (14 lbs.) \$4.25; 100 lbs., \$28.50.

HIGH GRADE FANCY, lb., 40c; 3 lbs., \$1.00; 100 lbs., \$27.00.

Meadow Fescue or English Blue Grass

Adapts itself to different conditions of soil and climate and does well all over the United States and Canada. It gives a large amount of early and late feed of good quality, and yields from one to two tons of hay per acre, which is of fine quality and very nutritious. As a pasture grass it is particularly valuable, as it is a persistent grower, and one of the earliest in spring and the latest in the fall. It rarely freezes out or winter kills, and is very little affected by drought. It grows well in loamy lands and clays, having fibrous roots run-

ning down eight to fifteen inches in the soil.

QUALITY GRADE, Postpaid, lb., 50c; 3 lbs., \$1.40; Buyer's Expense, bushel, (24 lbs.) \$9.50; 100 lbs., \$38.75.

HIGH GRADE FANCY, lb., 50c; 3 lbs., \$1.35. Buyer's Expense, bushel, \$9.25; 100 lbs., \$38.00.

Red Top

Red Top is one of the best and most satisfactory grasses. It is well adapted to all soils and situations, succeeding well on light, sandy soils, as well as stiff upland and low ground, and it really succeeds better in moist situations than almost any other grass. After once being established, it thickens and improves year by year, taking possession of the land and increasing in yield and quantity each successive year. It is indigenous to all of our soils and while it lasts a long time and spreads rapidly, it is easily eradicated in case it is desired to put the land in cultivated crops. It makes excellent pasturage. It is rather late in starting in the spring and matures its crops at the same time as timothy. When it gets well established it spreads and will gradually supplant other grasses. Red Top is also one of the best grasses for hill-sides or lands likely to wash. It requires from 8 to 10 pounds to seed an acre. When sowing with timothy, sow 6 pounds of Red Top and 6 pounds of Timothy per acre. It can be sown either in the spring or fall.

QUALITY GRADE POSTPAID, lb., 40c; 3 lbs., \$1.10. Buyer's Expense, bushel, (14 lbs.) \$3.75; 100 lbs., \$25.00.

HIGH GRADE FANCY, lb., 35c; 3 lbs., \$1.00; Buyer's Expense, bushel, \$3.50; 100 lbs., \$22.50.

Tall Meadow Oat Grass

(Also called Evergreen Grass.) One of the Most valuable hay and pasturage grasses for the South. Early maturing, large yielding, and especially valuable in combination with Orchard Grass, both for Hay and Grazing. This grass is increasing in popularity wherever it is grown. It seems to make more leafage and grazing and a larger yield of hay and to keep green longer, both during the winter and summer, than other grasses. It withstands the heat and drought of midsummer and cold of winter, starts very early in the spring, and continues to give good grazing until late in the fall. For hay it can be cut twice in a season. Its nutritive qualities are first-class. It ripens at the same time as Orchard Grass, and gives the very best results sown with it and Red Clover. For hay it should be cut while in bloom. Tall Meadow Oat Grass is best adapted for good loamy uplands, but gives excellent results on nearly all soils, and better results than any other grass on light, medium or sandy soils. When sown by itself, sow at the rate of two bushels per acre, either in the spring or fall. Sown with Orchard Grass, use 10 to 11 pounds. Tall Meadow Oat Grass and 10 pounds of Orchard Grass. The addition of 2 to 3 pounds per acre of medium or common Red Clover to the above quantities will greatly help for pasturage or hay. **QUALITY GRADE, Postpaid, lb., 50c; 3 lbs., \$1.35. Buyer's Expense, bushel (11 lbs.) \$4.40; 100 pounds, \$36.00.**

Bermuda Grass

The habit of this grass is to set root at each joint that touches the ground, thereby forming a complete sod. Is decidedly a summer grass, as it does not start off until ground is thoroughly warm in the spring, and turns to a buff color after killing frost in the fall. We believe this grass will help solve the pasture question during the hot dry summer months. Sow during May or June. Also valuable in some sections as a lawn grass. Sow 3 to 5 pounds to the acre. **QUALITY GRADE, Postpaid, lb., \$1.00; 3 lbs., \$2.75. Write for prices on larger quantities.**

Italian Rye Grass

Yields three or four cuttings per year of most nutritious hay; a very valuable grass, particularly adapted for rich loamy soils or low grounds, does better in damp situations than most other grasses. Italian Rye Grass makes a heavier and stronger growth than the English or Perennial Rye Grass. It makes especially good hay and pasture. It is very valuable to sow as a catch crop in fields when clover and other grasses have

died or been winter killed. Sow 20 to 25 lbs. to an acre, either Spring or Fall. **QUALITY GRADE, Postpaid, lb., 35c; 3 lbs., \$1.00. Buyer's Expense, 10 lbs., \$2.50; 50 lbs., \$10.50; 100 lbs., \$20.00.**

English or Perennial Rye Grass

This is one of the quickest of any of the grasses and will furnish a quick-growing, most nutritious and leafy pasturage, at the same time making very good hay. On account of its quick, early growth. It should be a constituent of nearly all hay and pasture mixtures. It is becoming well known in this country as a valuable pasture grass, which will bear frequent close cropping. It produces an abundance of foliage, which remains bright and green during the seasons. The hay is much relished by all kinds of stock. It will grow well on almost any kind of land, but does better on such land as will produce a good corn crop. When sown by itself, sow 20 pounds to the acre, either in Spring or Fall. **QUALITY GRADE, Postpaid, lb., 35c; 3 lbs., \$1.00; Buyer's Expense, 10 lbs., \$2.40; 50 lbs., \$10.50; 100 lbs., \$20.00.**

Kentucky Blue Grass

The Great Lawn and Pasture Grass. Kentucky Blue Grass is one of the richest and most nutritious of pasturage grasses, and should be largely used in all pasturage mixtures, except on very light or sandy soils. For fall, winter and spring it makes the very best of pasturage, and, mixed with other grasses like Orchard Grass, Red Top, or Meadow Fescue, will give an excellent all-the-year-round pasturage.

Land well set in Blue Grass lasts longer than other grasses. In fact, a good Blue Grass pasture is considered to improve from year to year, and on land where it is well adapted, rarely ever requires reseeding. It grows rather slowly at first, but soon forms a compact turf, making a fine permanent pasturage when once established. A thick, well-set sod of Blue Grass is usually considered an ideal pasturage, both for nutritious qualities and yield, and wherever Blue Grass succeeds it should be one of the principal constituents of all pasturage mixtures. Blue grass is a little slower to become well set than other grasses; may be seeded either in the spring or fall. When seeding for lawns, use one pound to each 20 to 25 feet square. For pasture 25 to 30 pound per acre. **QUALITY GRADE, Postpaid, lb., 50c; 3 lbs., \$1.35. Buyer's Expense, 10 lbs., \$3.25; 50 lbs., \$15.00; 100 lbs., \$28.50.**

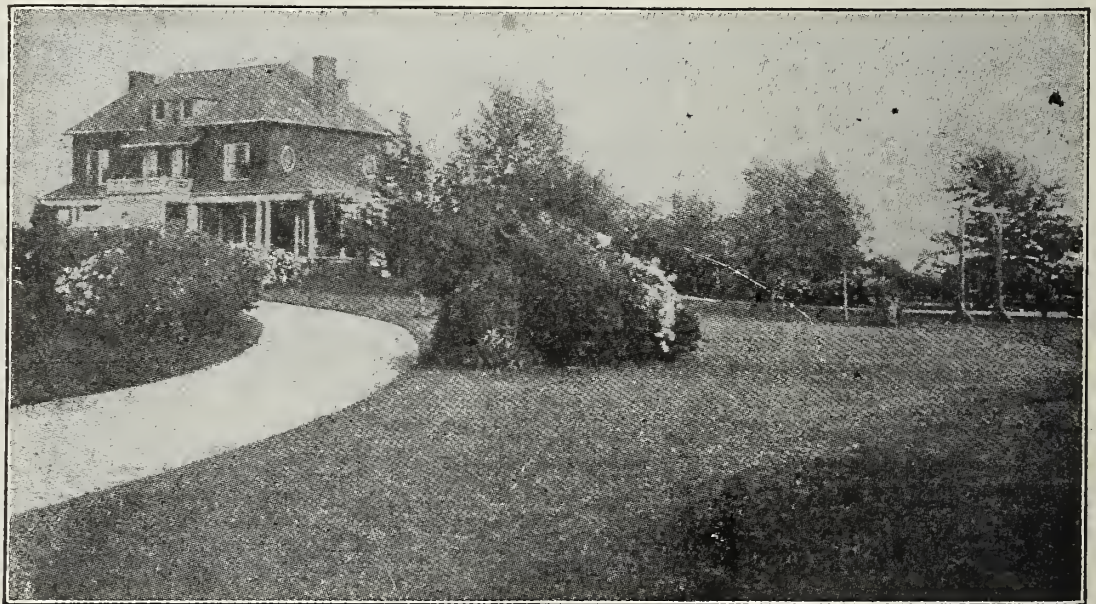
HIGH GRADE FANCY, Postpaid, lb., 45c; 3 lbs., \$1.25. Buyer's Expense, 10 lbs., \$3.00; 50 lbs., \$15.00; 100 lbs., \$27.00.

TUCKERS' "PERFECT" LAWN GRASS SEED

INSURES A BEAUTIFUL EVERGREEN LAWN.

A smooth, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is as satisfactory as any investment a home owner can make. Our Perfect Grass Seed contains only the

highest grade of grasses suitable for the purpose of making a beautiful, durable, lasting lawn. Our Perfect Lawn Grass seed germinates quickly, and roots deeply. This enables it to readily withstand the intense heat of summer and the hard cold of winter, showing a beautiful, rich green from snow to snow. It contains no annual grasses for making a quick show, to the detriment of a permanent lawn, but has only those which are lasting and hardy. From early spring until late in the Fall, lawns sown with our Perfect Lawn Seed remain green and fresh for the reason, that this mixture includes quick growing varieties which are at their best soon after the frost is out of the ground, others that ma-



ture and flourish in Mid-summer, and still others that are greenest and sturdiest in Autumn. For each of these seasons there are several different varieties living on different elements in the soil, so that one is certain always to have a satisfactory carpet of green wherever our Perfect Lawn Seed is sown, under favorable conditions. For Spring sowing, Lawn Grass should be sown as early as possible, although with seasonable weather conditions it can be sown as late as the end of March or early in April. The earlier the seed is sown, the better. In seeding new lawns, use at the rate of one pound to each 25 feet square. For renewing old lawns, use about one-half the above quantity. **Postpaid, lb. 50c; 3 lbs., \$1.35; 10 lbs., \$4.00. Buyer's Expense, 10 lbs., \$3.80; 50 lbs., \$16.75; 100 lbs., \$32.50.**

TUCKERS' SPECIAL

COMBINATION GRASS AND CLOVER MIXTURE

For Both Hay and Permanent Pasture

For use on reasonably rich, well drained soils. This Special Grass and Clover Mixture insures enormous crops of hay of the finest quality and highest feeding value, and after same is cut continues and abundant pasturage of the richest and most nutritious character until winter sets in. It will stand for years and may be used either for pasture exclusively or hay and pasture as varying conditions suggest. Contains, **Medium Red and Alsike Clover, Alfalfa, Timothy, Red Top, English Blue Grass, Italian and English Rye, Grasses, Tall Meadow Oat Grass and Orchard Grass.** In the mixing of these different varieties of Grass and Clover Seeds, to form this combination, we use only the very best qualities of New Crop, re-cleaned, high germination stocks, and you may rest assured that you are buying the best that can be had. The different varieties used are proportioned for the best results in yield and Quality of the hay. We stake our reputation on this mixture, not only as to the purity and germination of the seeds used, but as to the satisfaction it will give to those who purchase.

Owing to the deep rooting and spreading character of many of the varieties employed, fields sown with this mixture will, during periods of drought, look fresh and green while other meadows and pastures are dry and burned. Sow 16 to 20 lbs., to the acre, either in the Spring or Fall. **Postpaid, lb., 35c; 3 lbs., \$1.60; 10 lbs., \$3.00. Buyer's Expense, 25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$25.00.**

TUCKERS' SPECIAL

ROUGH LAND PASTURE MIXTURE

This mixture is composed entirely of grasses and clovers that are especially adapted to rough, stony and brush lands. It will furnish an abundance of fine pasture from early spring until late fall, and in open winters it will give you pasture all season. This special mixture contains, **Red Clover, White Clover, Alfalfa, Orchard Grass, Kentucky Blue Grass, English and Italian Rye Grasses, Tall Meadow Oat Grass, Red Top, and Timothy.** It is especially adapted to rough, broken cut over timber and brush lands, and will furnish the greatest amount of fine pasturage the season through. In making this mixture, we follow the same plan of using only the very highest grades of Grass and Clover Seeds, that we do in our Permanent Grass and Clover Mixture.

The modern farmer and stockman does not dig grubs and stumps from brush lands, the expense of muscle and money is too great to warrant the cost. After the wood from such lands has been cut, he seeds the field to tame grasses and Clovers which soon take possession of the soil, when it is pastured with sheep, goats, horses and other stock. During the time of pasturing the roots and stumps will decay and thus the brush lands are made profitable from the beginning at very low cost. We have sold our Special Rough land pasture mixture for several years and have thousands of pleased customers who praise the results they have obtained by seeding it. Sow 16 to 18 pounds to the acre, either in the Spring or Fall. Seed this mixture for permanent results. **Postpaid, lb., 35c; 3 lbs., \$1.00. Buyer's Expense, 25 lbs., \$7.00; 50 lbs., \$13.50; 100 lbs., \$26.00**

SUDAN GRASS

The Great Drought Resisting Grass

Sudan Grass is very closely related to the cultivated sorghums and hybridizes with them readily. The fact that it has no rootstocks places it nearer the cultivated Sorghums than is Johnson grass, which for many years has been credited by some botanists with being the wild prototype of the sorghums. Sudan Grass when seeded broadcast or in drills averages about 3 to 5 feet in height, and has stems a little smaller than a lead pencil, being about three-sixteenths of an inch in diameter. If grown in rows and cultivated, it reaches a height of 6 to 9 feet, and the stems are larger, being about one-fourth of an inch in diameter. The leaves are broad and numerous, giving the grass a very great value as a hay plant. Sudan Grass is not at all exacting in its soil requirements. It does best on a rich loam, but it has been grown successfully on almost every class of soil from heavy clay to light sand. Where the soil is quite sandy however, the yield may be expected to be light. To do well, the ground must be fairly well drained.

Sudan Grass requires a fine bed and seeding should be done after the soil has become warm, about corn-planting time or a little later. When sown in cold soil, the result is usually a poor stand or slow growth for several weeks, so that in the end no advantage has accrued from the early seeding. In seeding broadcast or in rows with a wheat drill, about 20 pounds of seed are required for an acre. In planting for seed, it is drilled in rows wide enough apart to allow of cultivation, using 4 pounds per acre. Sudan Grass stools wonderfully as many as 100 stalks from one seed have been found and this combined with the fact that 2 to 3 crops can be cut from one seeding in a season places this wonderful grass ahead of all others. The hay should be cut as soon as the grass is fully headed and early cutting is specially advised where more cuttings per season are expected. The grass can be cut with a mower the same as other grasses. Sudan Grass stools out thickly after the first cutting and makes a thicker growth for the second and third cutting than for the first cutting. Sudan Grass is strictly an annual and must be seeded each spring. We urge our customers to try this new grass this season, and be convinced of its many excellent points of superiority. Our stock is absolutely pure and first class in every way. **Postpaid, p kt., 10c; lb., 30c; 3 lbs., 65c. Buyer's Expense, 5 lbs., \$1.00; 25 lbs., \$4.50. Larger quantities at 17 cents per pound.**

DWARF ESSEX RAPE

Makes Splendid Pasturage for Cattle, Sheep, Hogs and Poultry

This crop is very highly recommended for pasturage for cattle, sheep, and hogs, furnishing most rich and nutritious pasturage within six to eight weeks from the time of sowing. The fattening properties of Rape are said to be very much better than those of clover. It also makes splendid green feed for poultry. For spring sowing, sow as early as you can conveniently get it in, the earlier the better. Rape is best sown in drills, at the rate of 3 to 5 lbs., per acre or it can be sown broadcast, when 6 to 8 lbs., per acre should be used. **Postpaid, lb., 30c; 3 lbs., 75c. Buyer's Expense, 10 lbs., \$1.65; 25 lbs., \$3.75; 50 lbs., \$7.25; 100 lbs., \$13.75.**



QUALITY FARM SEEDS

Prices Subject to Market Changes. When ready to purchase, please write for special prices. The markets at this time are so badly unsettled, that on some varieties of Field Seeds, we find it impossible to name prices intelligently. We will be glad to hear from you stating the quantity and varieties in which you are interested, and will be glad to mail samples and quote the lowest possible prices for first-class Quality tested stocks.

TUCKERS' SPRING HOG PASTURE MIXTURE

The Quickest-Growing, Largest Yielding and Most Nutritious Pasture for Spring and Early Summer use. Every farmer should plant an acre or more of this Annual Hog Pasture Mixture. It comes on early in the spring, before the regular Grass and Clover pastures are ready to turn onto, and it supplies immense quantities of the most nutritious Green Food. It is made of the following varieties of Grains and Forage plants: **Canadian Field Peas, Spring Vetch, Spring Rye, Oats and Rape**, each combined in proper proportions to make a quick, early and nutritious spring pasturage, and is especially valuable to come in for use earlier than the regular grasses and clovers; will supply excellent, nutritious grazing two or three weeks before the regular pastures should be grazed, and give a large and continuous yield until summer comes on. The sowing of this mixture will also prove of benefit to the land, where it is desired to plant other crops later in the season. It is especially valuable as a crop to grow on feeding lots and cleared portions of the barn-yards. Here it will produce immense quantities of feed rather than a dense growth of weeds, the usual crop for such lands about the farmstead. Plow bare patches in the hog lots and sow Annual Hog Pasture Mixture where it will soon cover the soil with a heavy growth of green feed. Make all these waste patches about the barn-yards productive with sowings of Hog Pasture Mixture. **Postpaid, lb., 20c; 3 lbs., 50c; 10 lbs., \$1.40. Buyer's Expense, 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.50.**

COW PEAS

Please Write for Special Prices in Quantities

Extra Early Blackeye

These are ten days to two weeks earlier than the Large Blackeye, and a most valuable variety. They do not run as much as the large Blackeye Pea, but grows more in bush shape and hold the peas up well off the ground, and the pods are very thickset on the vine. This variety is particularly valuable for truckers and market-gardeners who sow Blackeye Peas to sell green on the market, and is also a specially desirable variety for late planting, as well as for early market. **Postpaid, pkt., 10c; lb., 25c; 3 lbs., 65c.**

Large Blackeye or Dixie

The Large Blackeye Peas are more prolific, better flavored, and bring a higher price than the ordinary Blackeye, and farmers will find it more profitable to plant these than the ordinary Blackeye; they make a more profitable crop to grow for picking the dry peas for sale in our markets during the winter. **Postpaid, pkt., 10c; lb., 25c; 3 lbs., 65c.**

Gallavant or Lady

The peas are small in size, of very fine flavor; superior in table qualities to the Blackeye Pea. It is very prolific and a desirable variety to grow. It is known in some sections as "The Lady Pea." **Postpaid, pkt., 10c; lb., 30c; 3 lbs., 75c.**

Cream

A Fine Table Pea. The Cream Pea is considered quite equal to the Navy Bean in flavor. It is very rich in nutriment and in the South is one of the standard articles of food.

This variety matures medium early, makes a fair size vine and yields tremendous crops of peas. The seed is medium size and cream colored. **Postpaid, pkt., 10c; lb., 25c; 3 lbs., 65c.**

Whippoorwill

A favorite, early variety, more largely used, and sold than any other kind. Has brown speckled seeds, which are easily gathered. Makes a good growth of vine which can be easily cut and cured as dry forage. **Postpaid, pkt., 10c; lb., 25c; 3 lbs., 65c.**

New Era

An early maturing variety which has proved very popular and satisfactory. It is upright growing quick to mature, and remarkably prolific of peas. The vines cure easily, making splendid dry forage. The seed are smaller in size than the ordinary cow-pea, so that it does not require as many to seed an acre. **Postpaid, pkt., 10c; lb., 25c; 3 lbs., 65c.**

CANADA FIELD PEAS

Canada Field Peas, sown early with oats, usually make one of the largest yielding and most nutritious spring forage crops than can be put in; but they should be sown early in February or not later than the middle of March, for the best results. The earlier they are put in, the better. Under favorable circumstances, Canada Field Peas will yield more nutritious forage to the acre than any similar crop that can be seeded in the spring, and they make a complete food, feeding grain being unnecessary when horses and cattle are fed on oat-pea hay. These Peas are second only to clover in their soil-enriching properties, and can be grown under almost any condition of soil or climate. There is always a ready market for Peas, or they can be profitably ground and fed to the stock. The vines make rich, nutritious hay. If fed when in a green state, pods, vines and all to milch cows, the flow of milk will be almost doubled.

Canada Field Peas are a paying crop, and can be profitably planted in many ways. First: When sown alone, about 1½ to 2 bushels are required to the acre. After maturing, they should be threshed when dry. The yield will vary from 20 to 30 bushels per acre.

Second: Peas and oats are frequently sown together, using 1 bushel of Peas and 1½ bushels of oats to an acre. By so doing, a double crop can be secured.

Third: They can be sown alone or with oats, and fed green. It is surprising the amount of fodder which is produced in this way. If sown together, the Peas should be sown first and plowed under about 4 inches deep; the oats may then be drilled in.

Fourth: For plowing under when Peas and oats are sown together, and each are "in milk," they are nearly equal in value to clover, used in the same way, to enrich the soil. Sow in February or Early in March. **Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c. Buyer's Expense, bushel (60 lbs.) \$4.75. Larger Quantities, \$4.65 per bushel.**

SOJA BEANS

Any Good Corn Soil Will Grow Soy Beans. The yield of beans is from 10 to 20 bushels per acre. In feeding value they are richer than linseed meal. When fed to milch cows, using three or four pounds per day, along with other feed, the milk yield will be greatly increased. When grown for the beans, they should be drilled in rows and cultivated like corn, using about one-fourth bushel of seed per acre. For hay they should be sown thickly, broadcast or in drills, at the rate of one bushel per acre. They should not be planted until after the ground has become warm after corn planting time.

Early Hollybrook

Makes a quicker growth and matures their crop two or three weeks earlier than the Mammoth Yellow Soja. It makes a large yield, both of forage and Beans, and the added advantage of its earliness makes it a most distinct and valuable acquisition. It is a sure cropper and a vigorous quick-growing variety. Sown as a forage crop, it is much easier to cure and handle, and makes even a more nutritious crop than cow-peas. **Postpaid, pkt., 10c; lb., 25c; 3 lbs., 65c.** Write for prices in larger quantities.

Early Mongol

This is an extra early variety, growing 30 to 36 inches tall; an extra heavy yielder of seed and foliage. The Beans are rather small, slightly oblong and yellow in color. As a sure cropper the Early Mongol is equal to any variety known. **Postpaid, pkt., 10c; lb., 25c; 3 lbs., 65c.** Write for prices in larger quantities.

Mammoth Yellow

One of the largest known varieties of Soja Beans. Produces a world of foliage and beans. Grows to a height of four feet and bushes are covered from top to bottom with pods. **Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c.** Write for prices in larger quantities.

JAPANESE BUCKWHEAT

The best sort for the West. It matures early, resists drought better, and is more vigorous and hardy than the old sorts. The grains are almost again as large as the old sorts, and the

yield is much larger. It should be sown about the first of July, broadcast, at the rate of one-half bushel per acre. This sort will yield on an average, 20 bushels per acre. It quickly gathers moisture, when left standing in the field, and for this reason should be threshed as soon as dry. Unequaled as a plant for bees. **Postpaid, lb., 25c; 3 lbs., 60c. Buyer's Expense, pk., \$1.00; bushel, \$3.75.** Larger quantities, \$3.65 per bushel.



25 to 30 pounds per acre; sow as early as possible and yet avoid the last killing Spring frost. Flax Seed is one of the best paying grain crops, making good yields on any average soil. The high range of prices for Flax Seed the past few years make it one of the most profitable crops that can be grown. It is easy to handle and almost certain in its yield. The growing of a crop of Flax leaves the soil in the best of condition to follow with wheat in the Fall.

Our Seed Flax is especially nice, clean, stock. The Seed is plump and of high germination. **Postpaid, pkt., 10c; lb., 25c; 3 lbs., 65c. Buyer's Expense, bushel, (56 lbs.) \$5.75.** Larger Quantities at \$5.65 per bushel.

TEOSINTE

Most Valuable and Enormous Yielding Continuous Cutting Forage Crop. We strongly recommend our customers who have not done so, to sow this splendid forage crop. If sufficient quantity is sown, it will furnish a continuous daily supply of the most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously and being more nutritious and even better relished by all kinds of stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. It produces a great number of shoots very thickly covered with leaves. It stools out enormously after being cut, as many as forty-five stalks having been grown from a single seed. Sow in May at the rate of 3 or 4 pounds per acre in drills 3½ to 4 feet apart. **Postpaid, oz., 10c; ¼ lb., 25c; lb., 75c. Buyer's Expense, 10 lbs., \$6.75.** Larger Quantities at 65c per pound.

SEED FLAX

Flax should not be sown on same land oftener than once in seven years. Before sowing, the ground should be thoroughly prepared and it is especially important to have the soil well firmed. Be sure there are no open spaces in the bottom of the furrows as these are likely to cause the roots to rot. Sow

SEED OATS

Our Seed Oats Are True to Name; Are Re-cleaned and Top Germination. Better sow $1\frac{1}{2}$ bushels of High Grade re-cleaned Seed Oats per acre, than 2 to $2\frac{1}{2}$ bushels of ordinary trashy machine run stock that has not been re-cleaned. The re-cleaned Seed grows stronger, stools better and will outyield the ordinary stock from a fourth to double.

Red Rust Proof

Genuine Texas Grown Seed. These Oats Weigh Forty Pounds to the Measured Bushel. By repeated field tests our farmers have found that the Texas grown Red Rust Proof Oat makes a much greater yield than the home grown stock, either of the same or other varieties.

We have had a great many customers tell us that their yield was double the Home Grown Oats. The extra cost per acre for seeding the Texas grown Seed is very small and with the extra yield gained every farmer who wants to grow a good crop should plant this seed.

The Red Rust Proof Oat, develops to the very highest perfection. The grains are true in shape and color, are extra large and plump; stool wonderfully, are Rust Proof, while the growth is very vigorous. This Oat is very hardy, standing more cold weather and hard knocks than any other variety. The seed is Reddish yellow in color, very large and plump; straw is very stiff and heavy with good wide leaves. Our stock of Red Rust Proof Seed Oats will grow on a greater variety of soils and make better yields, than any variety, that has ever been grown in this section. **Buyer's Expense, Bushel, \$1.35; 5 Bushels, \$6.50. Larger Quantities, \$1.25 per bushel, sacks included.**

Early Harvest

An early Oat that has done exceedingly well wherever sown. Grains medium in size and ranging from light yellow to black in color. Not as heavy as Red Rust Proof, but an almost sure yielder. **Price, Bushel, \$1.15; larger quantities, \$1.10 per bushel.**

SORGHUMS

Do not plant Sorghum or Cane Seed until the soil is thoroughly warm. In drills for Sorghum, 4 to 5 pounds of seed per acre are required. For Hay, $1\frac{1}{2}$ to 2 bushels, either broadcast or drilled.

Texas Ribbon

Open Head Type. One of the very best varieties for Sorghum purposes. The stalks grow to a very large size, both in height and diameter. Ribbon Cane has produced the greatest number of gallons of sorghum of any variety ever planted in this section. While the quality is the very best, we strongly recommend Ribbon Cane as one of the very best. It also makes excellent forage, making big yields and is sweeter than any ordinary varieties of fodder cane. **Postpaid, pkt., 10c; lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00. Buyer's Expense, 10 lbs., \$1.75; 50 lbs., \$7.25; 100 lbs., \$13.00.**

Solid Head Ribbon

The Solid Head Cane differs from the open head type in several ways. It is an earlier variety by probably ten days. Does not grow quite as tall, an average height of about seven feet. The head instead of being open or sprangly is solid or very compact. In our section this variety has made an especially heavy yield of extra fine molasses. We recommend it as one of the best. **Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. Buyer's Expense, 10 lbs., \$1.10; 50 lbs., \$4.00; 100 lbs., \$7.50.**

Early Amber

The earliest type in cultivation. Black-hulled; stalks tall and slim. Most suitable for hay, as it matures very quickly. Makes syrup of excellent quality. **Postpaid, lb., 20c; 5 lbs., 75c. Buyer's Expense, 50 lbs., \$2.25; 100 lbs., \$4.50.**

Sugar Drip

This variety not only makes large yields of syrup, but syrup of a decidedly superior quality to the ordinary variety of sorghum. It is not a difficult matter to make sorghum, and with a variety like Sugar Drip, we believe that the making of sorghum will become very general, not only for home use, but also for sale in our local markets. It is also exceedingly adapted for forage, making an excellent growth, and is more juicy and succulent than other kinds. **Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. Buyer's Expense, 10 lbs., \$1.10; 50 lbs., \$4.00; 100 lbs., \$7.50.**

Gray Top

We consider the Gray Top variety of sugar cane as being one of the best. The stalk of this variety averages from 6 to 7 feet in height and very thick through, reasonably long jointed and containing great quantities of juice. The quality of the molasses can not be excelled. Sorghum makers who have used Gray Top the past few seasons are enthusiastic about its great yield and extra fine quality. **Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. Buyer's Expense, 10 lbs., \$1.10; 50 lbs., \$4.00; 100 lbs., \$7.50.**

Early Orange

With taller and heavier stalks than Early Amber. Largely used for hay and fodder. Excellent for making syrup. **Postpaid, lb., 20c; 5 lbs., 75c. Buyer's Expense, 50 lbs., \$2.50; 100 lbs., \$4.75.**

MILLETS

Seed after the soil is thoroughly warm, using 25 to 40 pounds of seed per acre. Millet does best on rich soils, full of humus, or vegetable matter, where the seed bed is fine and well prepared. It is not suitable for stiff clay or cloddy soils, which would cost too much to prepare for this crop. When sown in hot weather, Millet is especially good to subdue weeds.

Golden or Liberty Millet

(Formerly Called German Millet.) Golden Millet makes a large-yielding and most nutritious hay crop, quick-growing and easily cured. It requires, however, to be seeded thickly—and the crop should always be cut while in bloom, before the seed hardens in the head. If the seed is allowed to form, the stalks get hard, and it does not make nearly as good quality hay, and, at the same time, it is more exhaustive to the land. It can be sown at any time from the middle of May until the end of July. Do not sow too early as it does not grow off well until the soil and weather get warm. It matures its crop in from 6 to 8 weeks after seeding. **Our Seed of this Variety is the Genuine Pure Stock. Postpaid, lb., 20c; 3 lbs., 50c. Buyer's Expense, 50 lbs., \$3.00; 100 lbs., \$5.75.**

White Wonder Millet

A New Millet, Earlier, Larger Yielding, More Leafy, and Destined to Rapidly Supplant Other Millets Wherever Grown This new millet was originally brought from China, but has been grown in Western Kansas for several years, and the acreage is rapidly increasing wherever it has been grown. The foliage is very heavy, leaves broad, and it produces a large amount of excellent fodder, which cures very readily, and altogether some growers claim that it will outyield other millets three to one. It is also earlier and quicker to mature, and we believe that on account of its earliness and immense yield of both grain and fodder and the very vigorous growth, that this White Wonder Millet will soon take its lead amongst the millets and be the most popular variety in cultivation. **Postpaid, lb., 20c; 3 lbs., 50c; Buyer's Expense, 50 lbs., \$2.50; 100 lbs., \$4.75.**

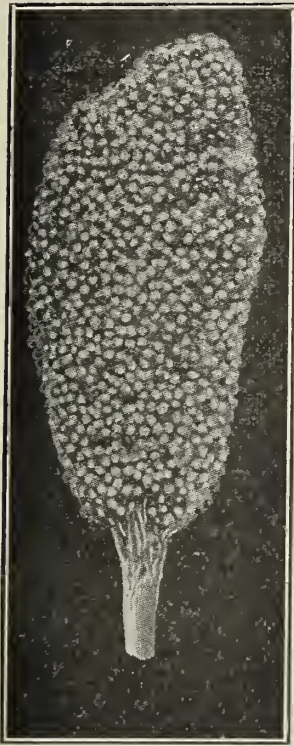
FETERITA

The two best features about Feterita are its wonderful ability to resist drought and its earliness. It has proved its ability to stand dry weather without question. Feterita branches out from the stem and one plant makes several heads. Chinch bugs do attack it, but prefer other crops. Even when the stalks are eaten off, it stools out again and still makes a crop.

The grain of Feterita is similar to milo, but is pure white and also larger and softer. It does not shatter badly and yields up to fifty bushels per acre. Feterita is planted in rows like Kaffir or Milo, using from three to five pounds per acre and the crop is cultivated and harvested just like Milo. Feterita grows about five feet high, on an average, and a crop of it growing, looks very much like a crop of Kaffir. The heads grow up straight like Kaffir and are a little larger around but not quite so long. The grain is softer than kaffir or milo grain and is liked better by all kinds of stock. Feterita matures from 15 to 20 days earlier than kaffir and is therefore well adapted to countries with short seasons, or can be grown as a second crop where the seasons are long, after the wheat or oat crop. Feterita has the same food value for feeding all kinds of stock or poultry that kaffir or milo has. **Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. Buyer's Expense, 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$6.75.**

RED KAFFIR CORN

Grows taller than the white, stalks slender, juicy and very leafy. The seed is red, smaller than that of the white, and yields much heavier. **Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. Buyer's Expense, 10 lbs., \$1.00; 50 lbs., \$3.25; 100 lbs., \$6.00.**

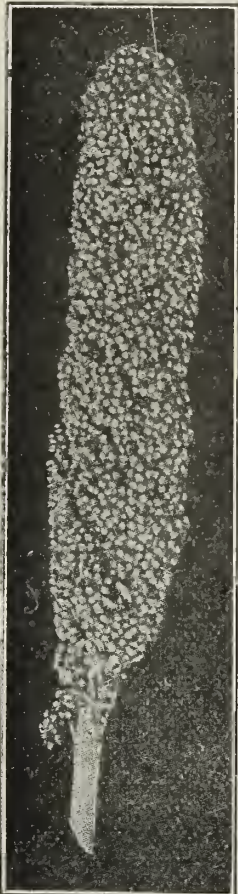


KAFFIR CORN

Genuine Dwarf White Blackhull

Is the result of careful selection extending over a number of years, and which has produced a type of uniform dwarf growth. The plants range from 3½ to 5 feet in height, depending somewhat on quality and condition of the soil and weather conditions. The heads are uniformly larger and of better shape than the older types of White Kaffir.

We realize the importance of selling good qualities of Kaffir. Our Dwarf Blackhull White Kaffir will produce a crop in less number of days than the ordinary types of Kaffir which are now being grown. It will also produce a larger crop of grain which is especially desirable in many districts in the central and southwestern part of the United States. **Postpaid, pkt., 10c; lb., 20c; 2 for 35c; 5 lbs., 75c. Buyer's Expense, 10 lbs., \$1.00; 50 lbs., \$3.00; 100 lbs., \$5.75.**



KAFFIR CORN

BROOM CORN

Oklahoma Dwarf

Quite distinctive from all others in earliness. Of robust habit and extreme productiveness; brush long and well fibered and is a drought resister. Averages five feet in height, making it convenient for pulling brush. **Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. Buyer's Expense, 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$7.00.**

SHALLU

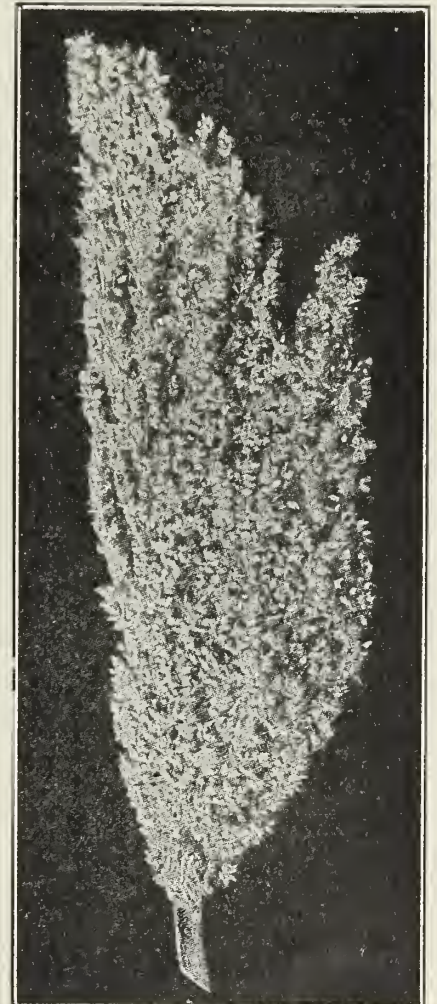
Belongs to the sorghum family and should be planted like cane or milo, either for grain or hay. Broadcast it makes 4 to 8 tons to the acre. In drills, it yields 35 to 50 bushels of grain per acre. The grain is small and white inside and has a light hull. The heads are large and heavy, the grain hanging on 1 side. The plant grows from 5 to 7 feet tall. Plant in drills 3 feet apart, using 3 to 4 pounds of seed per acre, or broadcast, using from 1½ to 2 bushels. **Postpaid, pkt., 10c; lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00. Buyer's Expense—Please write for prices.**

MILO MAIZE

Milo Maize makes a thick growth of excellent forage which is very nutritious. The yield in grain is about equal to Kaffir Corn. Milo also makes excellent ensilage.

Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c.

Buyer's Expense. 10 lbs. \$1.00; 50 lbs. \$3.00; 100 lbs. \$5.75.



SHALLU

Improved Evergreen

This Broom Corn grows about 7 to 9 feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. Its greatest value is, that it will not get red in the field before it is cut, but is strictly a green variety of brush. **Postpaid, pkt., 10c; lb., 20c; 2 lbs. for 35c; 5 lbs., 75c. Buyer's Expense, 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$7.00.**



To grow flowers well, the soil must be carefully prepared as for vegetables. Spade the beds to a good depth and make them rich with well rotted manure, thoroughly mixed in. A small quantity of sand will greatly improve stiff, heavy clay. **Don't bury your seeds.** Plant the largest, like Nasturtiums, not more than an inch deep. Balsams, half an inch, Asters, a quarter of an inch, Petunias, Poppies, etc., on the surface. Firm the soil over the seeds with a board and keep it constantly moist. Don't allow seedlings to crowd each other. Transplant in cloudy weather or in the evening and shade from the sun a day or two.

DISCOUNTS ON PACKET FLOWER SEEDS—For 25 cents select 6 five-cent or 3 Ten-cent pkts., For 50 cents select packets to the amount of 65c. For \$1.00 select packets to the amount of \$1.30. We prepay postage on all Flower Seed.

FLOWERS FROM SEED ARE USUALLY KNOWN AS ANNUALS, BIENNIALS AND PERENNIALS.

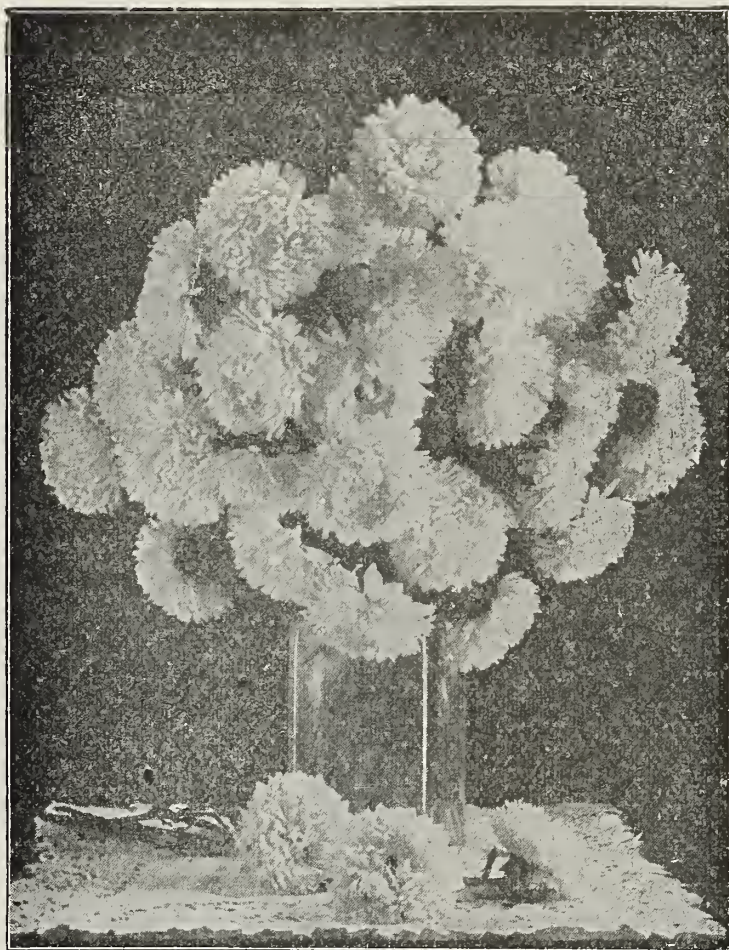
ANNUALS bloom and ripen seed the first year and then perish.

BIENNIALS do not generally flower the first season and are in perfection only one year.

PERENNIALS continue to flower for several years in succession. Many of them bloom the first year if sown early.

ASTERS

SPECIAL—4 Packets of Any Asters Listed at 10c per Packet, for 25c Postpaid
Tuckers' "Superb" Mixture of Asters



A magnificent mixture, producing myriads of Gigantic flowers of the most gorgeous colors and perfect form. This mixture contains the cream of all the Asters. We have spared nothing to make it the most perfect of any Aster mixture offered. It will surprise you with its great profusion of varieties, all beautiful, striking and distinct, with a range of color not to be found in any other Aster mixture. Price, pkt., 10c; 1/8 oz., 25c; 1/4 oz., 45c; oz., \$1.50.

Victoria Asters

Undoubtedly one of the most handsome asters in cultivation, and we have an excellent strain of the seed. The petals curve outward overlapping like those of the double dahlia. Plants grow about two feet tall and are simply covered with from 20 to 40 magnificent flowers averaging from 3 to 4 inches across. The flowers are unusually attractive forms and brilliant colors.

- Victoria Snow White Pkt., 10c
- Victoria Pink Pkt., 10c
- Victoria Bright Red Pkt., 10c
- Victoria Light Blue Pkt., 10c
- Victoria Dark Blue Pkt., 10c

Victoria Fine Mixed

All the above colors in mixture, Pkt., 10c; 1/4 oz., 35c; oz., \$1.25.

Improved Peony Perfection

One of the handsomest sorts; flowers are borne on long, wiry stems, are very large, 3 to 4 inches in diameter, very double, in shape like a peony. The petals incurve and give the flowers a ball-like appearance. This is especially true during the early, flowering season. Mid season to late flowering. Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c; oz., \$1.25.

Ostrich Plume Aster

The finest type of the Giant Comet or Ostrich Feather type of Asters. Borne on long stems, they make cut flowers par excellent. Finest mixed, Pkt., 10c; 1/8 oz., 25c; oz., \$1.50.

Giant Crego Aster

This flower is giant in size, many blossoms 6 inches across. The petals are nearly double the length of the older varieties and twisted and curled into a very fluffy effect. Finest mixed, pkt., 10c; 1/4 oz., 40c; oz., \$1.25.

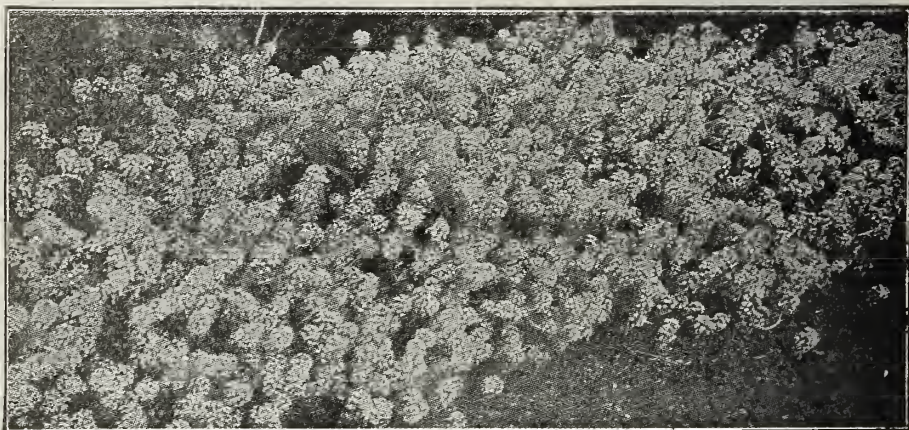
Semple's Branching

A class of very strong growing Asters not coming into bloom until very late, but producing flowers so large, double, perfect in form and borne on such long stems that florists sometimes sell them for chrysanthemums. Finest mixed, pkt., 5c; 1/4 oz., 25c; oz., \$1.00.

Alyssum

Little Gem—We know of no other flower which is so particularly well adapted for border, ribbons, etc. The plants commence to bloom when quite small, and will flower all summer long until late in the fall. This habit with its fragrance, make it indispensable. Pkt., 5c; 1/4 oz., 15c; oz., \$1.00.

Maritimum—Of trailing habit. Fragrant. Pkt., 5c; 1/8 oz., 15c; oz., 75c.



ALYSSUM

Ageratum (Floss Flower)

Very showy plants; bloom profusely the whole summer; fine as cut flowers. Splendid for borders, ribbon beds, etc. Half hardy annuals. **Finest Mixed, pkt., 5c; ¼ oz., 20c; oz., 75c.**

Amaranthus

Foliage brilliantly ornamental, producing a striking effect in the border as a background, or as a center of beds. Of the easiest culture. Annuals height 3 feet. **Finest Mixed, pkt., 5c; ½ oz., 25c; oz., 45c.**

Antirrhinum

Snapdragon—They blossom the first year if seed is sown early. Slightly covered with leaves, they withstand our winters. One and one-half to two withstand our winters. One and ½ to 2 feet tall.

Giant Flowered—**Finest Mixed colors. Pkt., 5c; ¼ oz., 25c; oz., 85c.**

Balsams

An old time favorite with brilliant double flowers. Succeeds best in good rich loam. Height two feet.

Double Camellia Flowered, Mixed—White, rose pink, scarlet, etc., **pkt., 5c; ¼ oz., 70c.**

Calliopsis

A quick growing annual. The flowers are placed on graceful wavy stems and in color run through all the shades of red and yellow; foliage dainty, useful combined with other flowers. All sorts and colors mixed, **pkt., 5c; ½ oz., 30c; oz., 50c.**

Carnations

These popular flowers are easily grown from the seed, they begin blooming in a few months after sowing the seed. The large double flowers are sweet scented and beautifully fringed.

Marguerita Finest Mixed, pkt., 5c; ¼ oz., 25c; oz., 90c

Calendula

A perpetual bloomer, the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut flowers. **Finest Mixed, pkt., 5c; ½ oz., 25c; oz., 40c.**

Castor Bean

Each plant makes a perfect pyramid of foliage fourteen feet tall, with gigantic leaves.

Ricinus Zanzibariensis Mixed, pkt., 5c; oz., 15c; ¼ lb., 50c.

Celosia

Cockcomb. Very attractive annuals. The crested heads of flowers resemble a cock's comb. The plumed heads are like great feathers. Sow the seed directly in the garden or start early and transplant. Make fine pot plants. **Comb variety, Finest Mixed colors, pkt., 5c; ¼ oz., 35c; oz., \$1.00.**

CHILDSI

(Chinese Woolflower). Plants about two and one-half feet high, branch freely and produce large, globular, purplish crimson flowers which resemble a ball of brilliantly colored wool. **Pkt., 10c; ½ oz., \$1.00.**

**COSMOS**

lawn should be without these decorative plants. Tender perennial. **Fine Hybrids, Mixed Extra Choice, pkt., 10c; ½ oz., 60c; oz., \$3.75.**

**Campanula (Canterbury Bells)**

This old fashioned flower is a favorite with all. Stately and showy, and of the easiest growth. Hardy biennials.

Tuckers' Prize Mixture—An elegant mixture of all the finest classes and colors of single and double and "Cup and Saucer" varieties, **pkt., 5c; ½ oz., 30c; oz., 50c.**

Cosmos

Giant Flowered Fancy Cosmos—These gigantic flowers measure from 4½ to 5 inches across, petals fringed, pink toothed and plain, and in colors from pure white through shades of pink and red, to rich dark red. **Pkt., 5c; ¼ oz., 10c; oz., 25c.**

Dwarf Early-Flowering—Coming into flower in July, continuing until frost. Dwarf, compact growth—4 feet. Flowers beautiful and large; petals broad, profuse bloomer. **Pkt., 5c; ¼ oz., 10c; oz., 25c.**

Chrysanthemums

Annual Varieties—Quite distinct from the autumn varieties. Summer blooming border plants of compact, thrifty growth, 1 to 1½ feet high, producing large blooms 2 inches across, from July until frost. Extensively grown for cut flowers. They are partial to a little shade. Sow seed in the open where plants are to stand.

Finest Mixed Colors, pkt., 5c; ½ oz., 30c.

Cetaurea Cyanus

Bachelor's Button—Very free-blooming, hardy annual, also called Blue Bottle, Ragged Sailor, Korn Blume, etc. **Pkt., 5c; ½ oz., 40c.**

Canna

Few people know these tropical plants can easily be grown from seed, and bloom the first summer, if sown before April. Pierce the seed in one spot with a file and soak in luke warm water for 24 hours before planting. **Crozy Mixed, pkt., 5c; oz., 25c**

Candytuft

Candytuft will grow anywhere under all conditions and flowers all summer. Good for cut flowers and borders.

Empress. A complete mass of snow white flowers. **Pkt., 5c; ½ oz., 35c; oz., 65c.**

Finest Mixed—White carmine and crimson colors. **Pkt., 5c; ½ oz., 25c; oz., 45c**

Coleus

Probably the most popular of ornamental foliage plants. Leaves are of many shades of color, and have a rich velvety appearance of extraordinary beauty. No

**SNAP-DRAGONS**

Fine Hybrids, Mixed Extra Choice,



DIANTHUS

Dianthus or Pinks

This elegant family contains many of the most valuable and popular flowers in cultivation. All the sorts classed as annuals may be sown directly in the garden as soon as danger from frost is past, and will in a short time become a mass of bloom, and so remain all summer. Elegant as cut flowers for bouquets, as the stems are good. Grow about 1 foot high, and are of easiest culture.

Hardy Garden or Clove Pinks

This splendid class of hardy perennial Pinks should be in all gardens. They have the delightful clove fragrance. **Pkt., 5c; ¼ oz., 35c; oz., \$1.00.**

Double China Mixed

Annual. White and dark crimson selves, also white tipped light purple and shades of red with darker blotchings. A mixture of double pinks unsurpassed in variety of brilliant coloring and marking. **Pkt. 5c; ¼ oz., 15c; oz., 50c.**

Chinensis (China or India Pink)

Annual. Our mixture includes all best colors and shades. **Pkt., 5c; ¼ oz., 15c; oz., 50c.**

Imperialis (Double Imperial Pink)

Annual. Charming varieties of these popular pinks. Our mixture includes a great number of colors. **Pkt. 5c; ¼ oz., 25c; oz., 75c.**

Heddewigi (Double Japan Pink)

Annual. Flowers very large; perfectly double; many elegant colors and shades, from delicate rose to richest crimson. **Pkt., 5c; ¼ oz., 20c; oz., 75c.**

Fox Glove

Digitalis—An old-fashioned flower of stately growth; highly ornamental large cup-shaped flowers; height 3 feet. **Mixed, pkt., 5c; oz., 25c; oz., 75c.**

Geraniums

These grow readily from seed the first year and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed. **Zonale Varieties**—Saved from the choicest collections, **pkt. 10c; ¼ oz., 35c; oz., \$1.25.**

Giant Double Daisies (Bellis Perennis)

A charming little plant for pots, edgings and borders. Sow seeds very early and plants will bloom first season and continue to bloom each season if given some protection during winter. They do best in a rich soil and quite cool situation. Especially desirable for cemetery decoration. **Pkt., 10c; ¼ oz., 50c; oz., \$1.50.**

Shasta Daisy

Perfectly hardy perennials, bearing flowers 4 inches in diameter. Blooms for months and more freely each season; flowers remain fresh for two weeks after cutting. **Pkt. 10c; ¼ oz., 35c.**

Heliotrope

Deliciously fragrant flowers of rich purple blue. The flowers and leaves have a mossy effect. Bloom from seed the first summer, if sown early in the spring. Excellent for cutting and splendid for bedding. **Fine mixed, pkt., 5c; ¼ oz., 50c.**

FINE DAHLIA SEED

A favorite for autumn flowering. Seed may be sown in spring, in open ground after danger of frost is over, but for best results, sow in shallow pans at any time in March, and transplant the seedlings to small pots. When strong enough and danger from frost is over plant out three feet apart.

Double Dahlias

Extra fine mixed, many fine varieties. **Pkt., 10c; ¼ oz., 35c; oz., \$1.10.**

Single Giant Perfection

This strain is a decided advance on the ordinary singles. The plants produce in great abundance flowers of immense size, averaging 6 inches across, of the most bewildering variety of coloring. **Pkt., 5c; ¼ oz., 20c; oz., 75c.**

Double Cactus Flower Mixed

With twisted and curled petals. **Pkt., 15c; ¼ oz., 60c.** See also **Dahlia Bulbs.**

Everlastings

These are mostly annuals with straw-like flowers that keep their form and color for years. **Mixed colors, pkt., 5c; ¼ oz., 15c; oz., 50c.**

Escholtzia

California Poppy—A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seed where the plants are to remain. **Pkt., 5c; ¼ oz., 20c.**

Four O'Clock

(Marvel of Peru)—Large and beautiful, old fashioned plants of erect bushy habit which produce in profusion a succession of brilliant colored tube-shaped flowers, that open all night and usually are closed before noon the next day. The flowers are red, white, yellow, or are striped and blotched in shades of these colors. Very desirable for borders, along a wire fence, or as the back ground of a flower garden, blooming during the late summer and autumn. **Finest Mixed colors, pkt., 5c; oz., 25c.**

Gaillardia

They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain. **Annual varieties, Double Perfection, Mixed, pkt., 5c; ¼ oz., 25c; oz., 75c.**



DAISIES



HOLLYHOCK

Hollyhock

Entirely different and more beautiful than the plant of 20 years ago, being much more compact in growth, the flowers larger, more richly colored and the double varieties of better form. For a background to a flower garden, nothing is better. Hardy perennial; 5 feet high. **Double fine mixed, pkt., 10c; ¼ oz., 40c; oz., \$1.25.**

Marigold

In autumn, when many bedding and other plants are past their prime, Marigolds afford a wealth of color that is simply invaluable.

The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting; some of the varieties being elegantly striped and paid, **pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

Tuckers' Special Mixture Tall African Marigolds

Includes the best colors and is made up from separate sorts. Give this a place in your garden if you wish flowers when all others have failed. **Pkt., 5c; ¼ oz., 20c; oz., 65c.**

Wild Flower Garden, or Children's Garden

Especially adapted for producing a display in large borders or sowing along woodland walks, for hiding unsightly fences, stumps etc. Nothing in the way of flowers delights children more than our **WILD GARDEN**, chiefly because they can be allowed to pick their own bouquets without stint; sow in drills, 2 feet apart, or even broadcast. Cover lightly and keep the soil from drying out until started. **Finest Mixed, large pkt., 10c; ½ oz., 15c; oz., 25c.**

Verbenas

Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring and transplant after 3 or 4 inches of growth. Good, healthy plants can be produced from seed as readily as almost any tender annual. They flower in July and continue strong and healthy until destroyed by frosts.

Mammoth Mixed—A carefully selected and fine strain of Verbenas. The trusses and individual flowers are of the largest size, of brilliant colors; free-blooming and of vigorous habit. **Pkt., 10c; ¼ oz., 35c; oz., \$1.00.**

Kochia (Burning Bush)

Forms regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. Autumn coloring has given it another name, "Mexican Fire Plant." Plants do best in a sunny exposure about 2 feet apart. **Pkt., 5c; ¼ oz., 15c; oz., 50c.**

Lantana

Popular, free-blooming and very rapid-growing plants with flower heads of various colors, which are continually changing; emit a powerful aromatic perfume, plants are completely loaded with blossoms, succeeded by berries, which, when ripe, turn deep blue. Start seeds in the house or hot-bed. Tender perennial, 1½ feet. **Finest Mixed, pkt., 5c; ¼ oz., 20c; oz., 65c.**

Myosotis

Forget-Me-Not — A favorite old-fashioned flower bearing in profusion clusters of blue blossoms.

It thrives well in the shade or open border. Hardy perennial. **Pkt., 5c; ¼ oz., 35c; oz., \$1.00.**

Mignonette

Without Mignonette in our gardens, something indeed would be missing. Its large, deliciously fragrant spikes of bloom are everyone's admiration. Make successive sowing in the garden, continuous bloom until frost; and if the plants are thinned out to six inches apart, and the tops pinched off, when about two inches high, stronger plants, with larger spikes of elegant bloom, will be the result. Height, one to two feet, according to the variety. **Finest Mixed colors, pkt., 5c; ¼ oz., 10c; oz., 25c.**



LARKSPUR

Tuckers' Special Mixture of Dwarf Marigolds

These dwarf compact strains are very attractive, each plant being covered with hundreds of small bright flowers. This mixture is made up of separate colors especially purchased for it. **Pkt., 5c; ¼ oz., 20c; oz., 65c.**

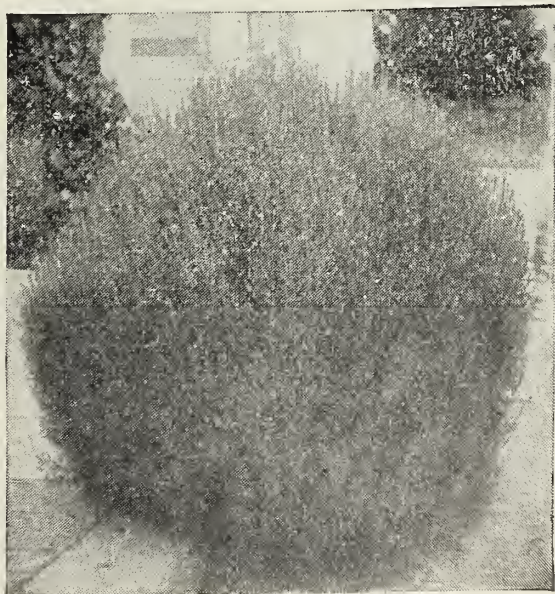
Larkspur

Double Tall Rocket, Mixed—Produce beautiful spikes of double flowers in many shades. Hardy annual; one foot high. **Pkt., 5c; ¼ oz., 15c; oz., 50c.**

Lobelia

Elegant little plant of easy culture, completely covered with flowers from June until September.

Erinus Erecti—Blue and white mixed, **pkt., 5c; ¼ oz., 45c.**



KOCHIA



NASTURTIIUMS

Portulaca

Rose Moss—This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through.

Single fine mixed, pkt., 5c; ¼ oz., 25c; oz., 75c.

Double fine mixed, pkt., 10c; ¼ oz., 75c; oz., \$2.50.

Salvia

Splendens—Georgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Continues to flower profusely all summer and fall. Easy of growth. The most popular Salvia in cultivation. Pkt., 10c; ¼ oz., 50c; oz., \$1.75

Sweet William

A splendid old-fashioned plant, producing its large heads of beautifully colored sweet-scented flowers in great abundance. It is hardy, easily grown and flowers the second year from seed.

Double Fine Mixed, pkt., 5c; ¼ oz., 25c; oz., 75c.

Single Fine Mixed, pkt., 5c; ¼ oz., 15c; oz., 50c.

Zinnia

The well known bush-like plants of Zinnias produce a profusion of large double imbricated flowers, borne on stiff stems. They are much used for bedding and are suitable for borders and for cutting. There is much satisfaction in a bed of Zinnias with their twisted and recurved petalled flowers in many bright colors, and when nearly every other flower has been killed by frost this plant is still in full bloom. Few flowers are more easily grown or bloom more abundantly throughout the season, and the wide range of color is not less remarkable than their unusual depth and richness.

Giant Flowered Zinnias

An improved strain which produces immense double flowers 3 to 4 inches in diameter in an extremely wide range of colors. The plants are hardy, of very vigorous growth, often 3 feet high, and remain in bloom from early summer until killed by severe frost. Extra Fine Mixed, pkt., 5c; ¼ oz., 15c; oz., 50c.

Poppies

Shirley—Flowers exceedingly graceful and elegant; single colors ranging from blush, white, delicate pink, rose, carmine, to bright, sparkling crimson, occasionally with white. The best and most showy of all single poppies. Finest Mixed, pkt., 5c; ¼ oz., 10c; oz., 35c.

Carnation Flowered Mixture of Double Poppies

Large sized flowers of all shades, many striped. The Opium Poppy, pkt., 5c; ¼ oz., 35c; oz., \$1.00.

SUPERB NASTURTIIUMS

For the time and labor required no other annual will produce such a lavish profusion or bloom for so long a time as nasturtiums, and for brilliance and variety of color they are unexcelled. They bloom best in this, well-drained soil; the richer the soil the fewer blooms and more leaf-growth. Dwarf Nasturtiums make fine bedding and border plants; the tall sorts are well adapted for covering trellises, unsightly places, etc.

Tuckers' Splendid Mixture of Dwarf Nasturtiums

This is our best mixture of dwarf varieties. It is composed exclusively of the most elegant large flowered sorts and the brilliantly colored flowers range through every shade and tint known in this favorable annual. This seed will produce a bed or border georgeous beyond description. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Dwarf Chameleon

Single plants of this variety bear flowers of almost all shades found in Nasturtiums. The flowers change color from day to day until they fade. Are not only curious, but beautiful. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Tall Nasturtiums

TUCKERS' SUPERB MIXTURE

A wonderful diversity of rich colors and new and striking combinations are found in this unequalled mixture. A row in full bloom is beyond description, containing shades of yellow, rose, scarlet, orange, lemon, bronze, maroon, ruby, cream and pink, both in solid colors and mottled and striped in many shadowy and exquisite ways. For many years this mixture of Nasturtiums has been our special pride. Every year we have improved it, until now we unhesitatingly offer our new Giant-Flowering Nasturtiums as absolutely the finest. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45.

Hybrids of Madam Gunther

A strain of French origin, most remarkable for the wide range of exquisite colors and beautiful markings. They are strong growers, climbing five to seven feet, with rich dark foliage. Fine for porches, vases or trailing on the ground. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Sweet Violet

Viola Odorata—Sweet-scented Violets are easily grown from seeds; and if you can plant them in a cool and moist situation, so much the better. All varieties are of great beauty.

Sweet-Scented—Old-fashioned Blue Violet, pkt., 10c; ¼ oz., 75c.

Stocks

The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades. Dwarf, 10 Weeks, Fine Mixed, pkt., 5c; ¼ oz., 20c; oz., 65c.

Sunflowers

Miniature Double Dwarf, Special Mixture, pkt., 5c; ¼ oz., 10c; oz., 25c.





PANSIES

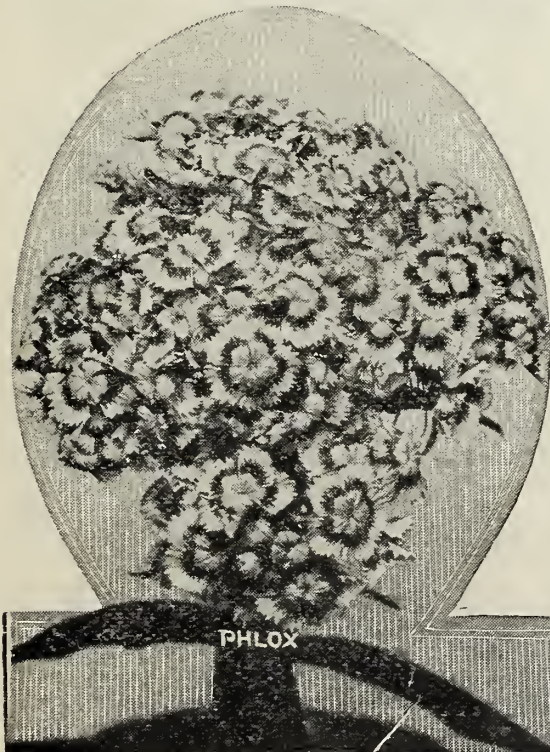
Pansies are now produced in an almost infinite variety of colors and markings. Their brilliancy of shading, extended season of blooming and long keeping characteristics make them general favorites. The strains now offered are far superior to the old sorts, and the esteem in which they were held by older generations has been heightened by the greater variety and more brilliant colors of the improved sorts.

Tuckers' Mammoth Flowering Fancy Mixture

In this magnificent mixture of mammoth flowering Pansies, the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings, of fine substance, velvety texture, perfect form and giant size, frequently measuring 3 inches in diameter. The colorings are wonderfully rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue and orange are produced in endless variation. An unequalled collection of all the finest types. The best, handsomest, and most perfect giant-flowering varieties. Pkt., 10c; 3 pkts., 25c; 1/8 oz., 75c; oz., \$5.00.

Liberty Pansies (Formerly called German)

The Liberty Pansies are noted for their most endless variations, which include striped, blotched, bordered, veined and marble combinations, in every possible color and shade. The plants are of compact growth, and flower most profusely and continuously all summer. Pkt. 5c; 1/8 oz. 40c; oz. \$2.75



PHLOX

Phlox

Unequalled in the magnificent display of their many and brilliantly colored flowers. The plants are hardy bushlike annuals with many broad, flat-topped clusters of

nearly round and star-shaped flowers. They are of easiest culture and bloom profusely through a long season. Especially attractive in masses or ribbon beds of contrasted colors; useful as window-garden plants and very desirable for combining in mixed bouquets. **Grandiflora Finest Mixed Colors**, pkt., 10c; 1/4 oz., 30c; oz., \$1.00.



PETUNIAS

Petunia

Petunias are unsurpassed for massing in beds. They are also used along walks and driveways and are often grown in window boxes. Their richness of color, duration of bloom and easy culture will always make them popular. They endure drought exceptionally well. The seed we offer is the result of excellent strain and can be depended upon to give a profusion of lovely flowers. **Finest Mixed Colors**, pkt., 5c; 1/4 oz., 35c; oz. \$1.

TUCKERS' QUALITY SWEET PEAS



Sow as early in the spring as the ground can be worked. Do not wait for fair weather. Sow the seeds in a trench 4 inches deep and cover with about an inch of soil. Furnish support early. After the plants are well up, thin them to about 4 inches apart and gradually fill the trench to the level of the garden. When hoeing draw the soil towards the plants, but do not form a ridge. One quarter pound of seed will sow 50 feet.

TUCKERS' QUALITY RAINBOW MIXTURE SWEET PEAS

The grandest mixture of Sweet Peas ever offered. In this mixture of Sweet Peas you will find many of the newest and most rare of the Spencers varieties as well as the best of the Grandiflora types. In all there are more than fifty varieties, colors and shades of colors. **During the great many years we have sold it, we have received innumerable testimonials praising the exquisite coloring and profusion of blooms.** The different kinds and sorts contained in this mixture are grown separately so that we have an opportunity to choose only the largest and most beautiful varieties. These we mix ourselves, in proper proportion for the most brilliant effect. Some are edged, mottled, blended, flaked and striped. Without exception, this is the very finest mixture it is possible to make. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75, postpaid.**

SPENCER SWEET PEAS

Superb Mixed Spencers

This special mixture of Giant Spencer Sweet Pea is made from separate sorts, giving our customers the cream of the Spencers in all colors, including many of the latest varieties, as well as superb seedlings of exquisite colors and shades, which have not as yet been true enough to be introduced as new named sorts. The vigorous plants produce extremely large flowers, most beautifully waved and frilled, on long and erect stems. An especially attractive mixture. **Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.25**

PLEASE NOTE

We Will Mail Postpaid, One Packet Each of the following Great Collection of Superb Named Spencer Sweet Peas—Nine Liberal Packets for 50 Cents.

Prices of all named varieties Spencers, as listed, Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.75, Postpaid.

Firey Cross

Scorching, glistening like fire, intense red. "Firey Cross," has all the appearance of live fire, the color being a scorching fire-red, or scarlet, without any shading, and which scintillates and glitters in bright sunlight with a glowing, firelike screen which radiates over the flower.

Queen Alexandria

This is an intense scarlet sort of grand texture—a bold expanded flower of finest form. It is very free flowering and the flowers are of giant size with long strong stems. This grand flower **does not burn** in the sun, and might be described briefly as a larger, finer, "fadeless" "Scarlet Gem."

King Edward Spencer

Undoubtedly the largest and best scarlet Sweet Pea to date. Each stem carries from 3 to 4 enormous flowers. Wings carmine-scarlet, reverse side rosy carmine. The beautiful blossoms are carried on long stiff stems.

White Spencer

Without doubt the largest and most magnificent White Sweet Pea ever introduced. The vines are almost completely covered with mammoth flowers. The flowers are borne 3 to 4 on a stem and are of splendid substance. It is without a rival among White Sweet Peas.

Astha Ohn

A soft pinkish lavender, sometimes suffused with mauve. An exceedingly beautiful variety, flowers very large, beautifully waved, and are borne on long stems, very profuse bloomer. This variety of Spencer Sweet Pea is certain to please you.

Dobbie's Cream

Flowers a deep cream or primrose, distinctly waved or crimped. One of the best of the primrose class.

Primrose Spencer

We consider this the best primrose, or cream and ivory sweet pea yet developed. True Spencer type, large wavy petals, frilled at edges; clear, distinct color. Primrose Spencer will certainly please you with its fine form and exquisite color.

Countess Spencer

Of perfect form, remarkable size and exquisite color. The flowers are often 1½ to 2 inches in diameter, with both standard and wings charmingly fluted. The coloring is an exquisite soft rose-pink, daintily tinted with silvery white.

George Herbert

The color is Rose-carmine. A fine bloomer of immense size flowers, usually 3 to 4 to a stem. We especially recommend this variety as one of the very best Spencers.

Perennial Peas

The Perennial or Everlasting Pea is one of the best of the hardy climbing plants. It produces large flowers in clusters, which are not, however, fragrant like the Sweet Pea, and remains in bloom for a long time. The Perennial Pea is very easily grown from seed, will succeed in almost any situation and once established will remain for years without replanting. It does well in shady and in moist places where other climbers would not thrive. Perfectly hardy. Grows from 5 to 8 feet in height. **Mixed colors, pkt., 10c; oz., 50c; ¼ lb., \$1.75.**

CLIMBING VINES

Morning Glories

Giant Japanese Mixed.—(Imperial). The flowers of this variety are of largest size, often 3 inches or more across; some are brilliant red or rich blue, others are equally brilliant, with broad margins of clear white; some are striped or dotted with blue or red on white or lemon yellow ground, others are clouded with blue and red. The foliage in some plants comes plain green, in others it is mottled with white and shades of yellowish green. Seed black, larger than other varieties of Morning Glory. **Pkt., 10c; ¼ oz., 15c; oz., 50c.**

Finest Mixed Japanese.—Very choice strain; flowers large, and in greatest variety of colors and shades. **Pkt., 5c; ½ oz., 10c; oz., 15c.**

Fancy Fringed Japanese.—This is a splendid mixture, made up exclusively from the best fringed varieties. The range of color is very great and fringed-edged blooms very beautiful. **Pkt., 10c; ½ oz., 25c; oz., 40c.**

Imperial Japanese, Double Mixed.—This is one of the most beautiful of all the famous Japanese Morning Glories, and produces a large percentage of beautiful double flowers which are characterized by peculiar colors, shapes and markings; some colorings beyond description. The vine is a rapid grower and in itself makes an ideal ornament for fence, portico or trellis, even before flowering. It produces flowers in remarkable abundance and of enormous size. Another curious feature of this sort is that the leaves vary in form, size and markings. The self or solid colors of the flowers range from snow white to black purple, while there is an endless number of flowers spotted, flaked, marbled, striped, splashed, etc., and margined in combinations that would be thought impossible until seen. The single flowers produced are large and handsome. **Finest Double Mixed, pkt., 10c; ¼ oz., 15c; oz., 50c.**

Cypress Vine

This is a beautiful, rapidly growing annual climber, with delicate dark green finely cut fern-like foliage and masses of the most brilliant and graceful star-shaped flowers. The two shades, white and scarlet are very striking. Planted by the side of a veranda, tree or stake, and trained properly, nothing is prettier. **Pkt., 5c; oz., 30c.**

Balsam Apple and Pear

Ornamental climbers, with pretty foliage and flowers followed by handsome fruit, which when ripe burst open exposing the bright red seeds within. Each variety, **pkt., 5c; oz., 30c.**

Cobaea Scandens

A fine annual climber, often growing 15 to 25 feet in a season. Has handsome foliage and large bell-shaped flowers of a beautiful deep violet-blue **pkt., 5c; ¼ oz., 25c; oz., 75c.**

Moon Flower

(*Ipomoea grandiflora alba.*) One of the most vigorous summer climbers and will grow under favorable conditions 30 to 40 feet in a single season and be covered evenings and cloudy days with very large, white trumpet-shaped flowers widely extended, often 4 inches across. Leaves large, frequently 4 to 5 inches across. The hard outer coat of the very large, light yellow seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell and the seed planted about 1 inch deep in moist soil in a box or pan and set in a warm place. If soil be kept moist, germination will take place in about 2 weeks. After plants are up, transplant outdoors in a sunny situation when danger from frost is past. Tender annual. **Pkt., 10c; oz., 30c.**

Madeira Vine

Dormant Bulbs.—A rapid growing climber with beautiful waxy foliage and graceful clusters of flowers of pure white color and delicate fragrance. Very ornamental and useful for shading verandas, arbors, or covering unsightly sheds, stumps, etc. **Postpaid, each 5c; 6 for 25c; 40c per doz.**

Dolichos

Hyacinth Bean.—A splendid annual climber with hyacinth-like clusters of purple and white flowers, which are followed by exceedingly ornamental seed pods. Is of most rapid growth and stands summer heat well. Sow the seeds in the garden in May where the plants are to remain. **Pkt., 5c; oz., 15c; ¼ lb., 50c.**

Scarlet Runner Beans

A rapid growing annual climber, bearing sprays of brilliant scarlet pea shaped blossoms. Used either as a snap or shell bean for eating as well as being desirable for ornamental purposes. Seed may be planted out of doors as soon as danger of frost is past. Vines 10 to 12 feet high. **Pkt., 5c; oz., 10c; ¼ lb., 25c.**

Wild Cucumber

This is the quickest growing climber in our list. It will grow 30 feet in one season. It is thickly dotted with pretty white fragrant flowers, followed by an abundance of ornamental prickly seed pods. **Pkt., 5c; oz., 15c.**

Gourds

Hercules Club.—Grows three feet long.

Sugar Trough.—Often used for buckets.

Dish Cloth or Chinese Sponge.—(Luffa.)

Nest Egg.—Excellent for nest eggs.

Dipper Gourd.—Used for dippers.

Small Sorts.—Mixed.

Mock Orange.—Yellow color.

Ornamental Pomegranate.—Has delightful perfume. **Large pkt., of any gourds, 5c; oz., 25c.**

SUMMER FLOWERING BULBS

Gladioli

Fancy Mixed Superb flowers, embracing a wide range of colors from delicate shades of pink and primrose to deepest crimson and maroon, also striped and variegated. **By mail postpaid each 7c; 60c per dozen.**

America.—A grand pink; flower spikes 2 to 3 feet long; **7c each; 60c per dozen.**

Augusta.—Lovely pure white; often has 2 or 3 branches. **7c each; 60c per dozen postpaid.**

Klondike.—Clear yellow, with maroon blotch in the throat; **7c each; 60c per dozen, postpaid.**

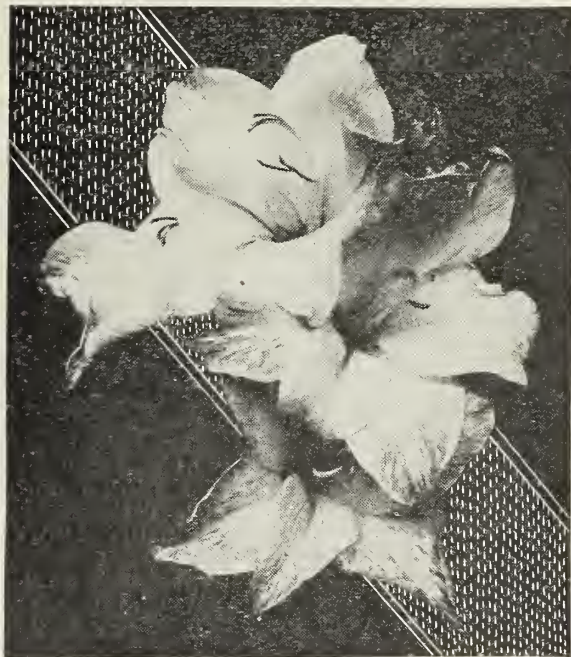
Princeps.—Rich dazzling scarlet, the lower portion marked with white; large open flowers. **8c each; 85c per dozen postpaid.**

Mrs. Francis King.—Brilliant flamingo pink blazed with vermilion red; blooms 4 inches across. **7c each; 60c per dozen, postpaid.**

Tuberose

Delightfully fragrant; fine for bouquets. Plant when the ground gets warm or start in pots or in hot beds and set outside in May. Give plenty of water.

Excelsior Pearl.—This sort is distinguished by its short robust stem completely covered by large blossoms fully twice the size of the old tuberose and quite double. The flowers are very fragrant and of the purest waxy white color. Large selected bulbs, **postpaid, each 10c; 6 for 50c; 90c per dozen.**



GLADIOLI

Firebird

The flowers are borne in immense trusses, on tall stalks well above the leaves. They are of splendid form, round and shapely. The petals measure 2½ inches and over across, and the color is a clear glistening scarlet without any streaks, spots or blotches. **Postpaid, each 25c; 6 for \$1.25; doz., \$2.25.**

King Humbert

Massive foliage of finest bronze, with dark midrib. Its flowers measure 6 inches in diameter and are produced in great trusses. Brilliant orange-scarlet, with bright red markings. Height about 4 feet. **Postpaid, each 20c; 6 for \$1.00.**

Ornamental Cannas

Tall Red Leaf Varieties—Suitable for hedges, centers of flower beds or screens. Flowers red. **Each, postpaid, 10c; 6 for 50c; dozen, 90c.**

CANNAS**Gustav Gumpfer**

(Green) An ideal bedder, possessing the practical qualities of compact growth, free and continuous blooming, and self-cleaning habit; uniform flower, heads well above foliage. Color, the richest kind of orange-yellow; extra; 3½ feet. **Postpaid each 20c; 6 for 75c; dozen, \$1.35.**

Florence Vaughn

Five feet; the most famous of all Cannas. The flowers are of rich golden yellow, thickly dotted with bright golden red. Green foliage. **Postpaid, each 15c; 6 for 80c; doz., \$1.50.**

Madame Crozy

3½ feet. Vermillion with gold border. The sort which popularized the Canna. Green foliage. **Postpaid, 15c each; 6 for 80c; doz., \$1.50.**

**CALADIUM**

Esculentum—Known also as Elephant Ear. This is one of the finest tropical plants which can be grown in the open air in the north. It can be made to produce 3 to 10 leaves, 3 to 4 feet long and nearly as wide, on stalks 4 to 6 feet high. The soil suited to Caladiums is a mixture of fibrous loam, leaf mold, peat and well rotted cow or sheep manure in equal parts with a sprinkling of sand added. Bulbs may be planted outdoors as soon as danger of frost is over, covering about 3 inches deep; or for largest growth start early indoors in pots and set out when the weather is warm and settled. But little water must be given to the roots till active growth commences when, as the plants develop, they require an abundance. Humidity and warmth are necessary for their best development.

First Size Bulbs—Nine inches and over in circumference. **Postpaid, each 35c; doz., \$3.75.**

Second Size Bulbs—Seven to 9 inches in circumference. **Postpaid, each 25c; doz., \$2.50.**

Third Size Bulbs—Under 7 inches in circumference. **Postpaid each 15c; doz., \$1.50.**

Mammoth Size Bulbs 11 to 12 inch, postpaid 50c.

DAHLIAS**Show and Fancy Dahlias**

The "show" Dahlias are of ball shape with full, round, regular form and cupped or quilled of solid color. The illustration on this page is a good example of the type. The "Fancy Dahlias" are very similar to the "show", except that they are assorted, tipped, penciled or striped, two or more colors, or the tips of petals are lighter than the ground color of the flower.

Grand Duke Alexis

A magnificent Dahlia of the largest size. Its petals are beautifully quilled, giving it a very unique appearance. Its color is pure white, if slightly shaded, but overspread with delicate lavender when grown in bright sunlight. Undoubtedly one of the best of the show varieties.

Dorothy Peacock

The most exquisitely beautiful bright sea shell pink Dahlia on earth.

Queen Victoria

Pure Canary yellow, one of the freest bloomers. Good for cutting.

Robert Bloomfield

Pure snow-white, large size, very free bloomer; grand for cut flowers.

Red Hussar

Richest, dazzling cardinal red. Strong, vigorous grower and free bloomer on long stems. The best red show for cutting.

CACTUS DAHLIAS

The Cactus form of Dahlias are exceedingly beautiful, and are hard to excel. They have long twisted petals and embrace nearly all the colors and shades to be found in any of the other types.

Price of all Dahlias listed, your selection of varieties, postpaid, each 25c; 6 for \$1.40; doz., \$2.65.

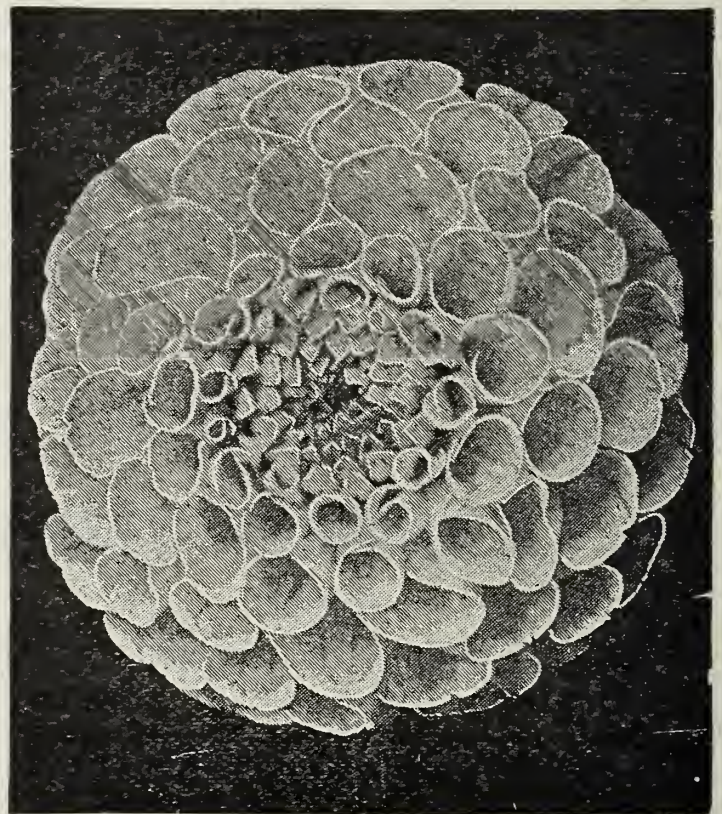
Aurora—The color is a remarkable shade of rich golden amber, elegantly tinged and shaded with apricot and dark ruddy copper, shading lighter towards the tips of petals, intensely beautiful.

Kriemhilde—A magnificent variety bearing perfect flowers of fresh delicate pink shading to deep rose pink. The center petals ultimately change to creamy white, giving the mature flower a captivating pink and white effect.

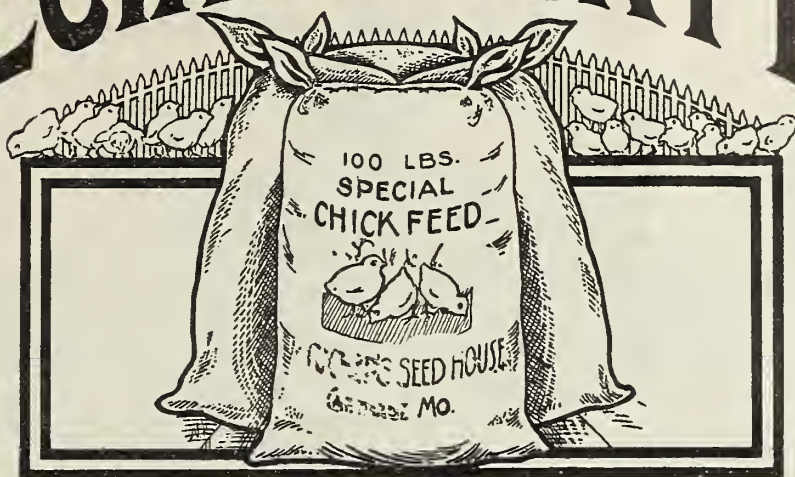
J. H. Jackson—This is without doubt the finest dark Cactus Dahlia. Its velvety black crimson-maroon shade is very striking. Large and perfect.

ASSORTED DAHLIAS

This assortment includes many of the varieties described above as well as a great many other sorts. For the person who is not particular about named sorts this mixture will more than please you, with the great variety of colors it contains. **Postpaid, ½ dozen, \$1.25; dozen, \$2.25.**



TUCKERS' SPECIAL CHICK FEED



SAVE THE CHICKS

The best chick feed your money can buy, cleaned Sweet grains, composed of the following, pure, re-cleaned sweet grains, seeds, bone, charcoal etc. Cracked kaffir corn, milo maize,

wholesome, a natural feed, contains just what the chicks need. A scientific complete feed in every way. It is perfectly balanced and should be fed dry from the day the chicks are hatched until they are old enough to eat whole grain. It is perfectly free from dirt and dust. Compounded in correct proportions to contain the right amount of protein, fat and fibre. So this is the feed you want this spring for your chicks. Tuckers' "Special" Chick Feed is highly endorsed by leading Poultry raisers. Once you use it, you will have no other. Our price is reasonable and you will find it economical to feed. One pound of this clean, sweet food will go as far as two pounds of cheap, trashy foods of the ordinary kinds. We ask you to try Tuckers' "Special" Chick Feed and you will be delighted with the result. **Buyer's Expense, 8 1/4 lbs., 45c; 50 lbs., \$2.35; 100 lbs., \$4.50.** Try it and you'll buy it—always, after the first sack.

SAVE THE CHICKS

corn, wheat, whole millet, flaxseed, charcoal and Bone, no dirt, no dust, no waste—nothing but real food clear thru, down to the very last grain. It is pure and

TUCKERS' SPECIAL SCRATCH FEED

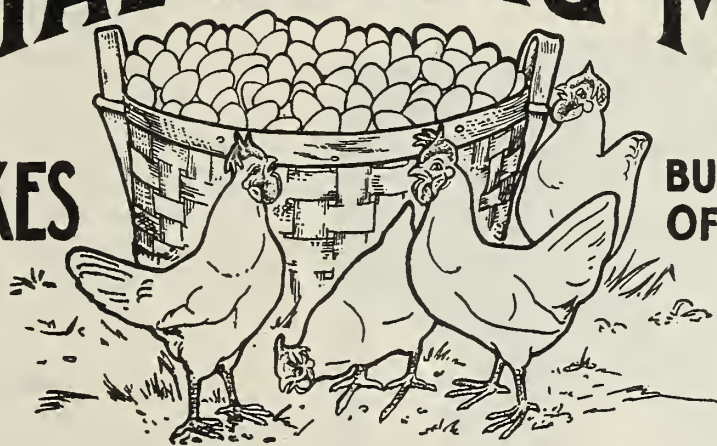
A correctly proportioned Feed composed of clean, wholesome Grains, bone, charcoal and sunflower, absolutely no waste or dirt, all clean, wholesome food. Keeps your hens healthy, prevents soft shell eggs and certainly produces eggs. We have studied the hen. We know the mixture she needs to deliver the goods. We have put it right into this feed. It is all feed—a great big bag of body building and egg-making ingredients. It will actually make "layers out of loafers." Just try a sack or two of it and you will be surprised the way the "biddies" fill the basket. You want every hen you own to earn her keep and more, too. You have got to make hay while the hens lay, whether the sun shines or not. While the hens lay—that's the point. See that they do lay. Feed them Tuckers' "Special" Scratch Feed for positive Egg results; **Buyer's Expense, 8 1/4 lbs., 45c; 50 lbs., \$2.25; 100 lbs., \$4.25.** Try it and you'll buy it always after the first sack.

TUCKERS'

SPECIAL LAYING MASH

MAKES

BUSHEL
OF EGGS



Don't keep your hens unless they pay. Hens that don't pay are no good to you. But it is up to you to give every hen a chance to do her duty. She can't do it, if her egg machinery

Laying Mash is the feed that will do it. It will start the pullets laying early and keep them laying all winter. It is clean, pure and wholesome. Will shorten the moulting season about one-third. Good as a tonic—keeps your hens in prime condition. Use it and you will double your egg production. Tuckers' Special Laying Mash, is a ground food and may be fed either dampened or dry, but it is better to feed dry. In addition to its medicinal properties it contains the following: Meat Meal, Blood Meal, Beef Scrap, Flax Seed Meal, Alfalfa Meal, Bone Meal, Cotton Seed Meal, Crushed Wheat, Kaffir Corn, Middlings and Bran. It is all feed and no waste. The materials in this food take the place of green food and meat and make the hens lay all the year around. It is being fed daily to thousands of poultry, eggs are high in price, and every poultry raiser should be interested in getting more eggs at a less cost. **Buyer's Expense, 8 1/4 lbs., 45c; 50 lbs., \$2.25; 100 lbs., \$4.25.**

Try it and you'll buy it—always, after the first sack

isn't in working condition and it will not be in condition to work until it is properly fed. You must help the hen a little every day by giving her the feed that makes the egg. Tuckers'

The Best Combination

Feed your hens Tuckers' Special Laying Mash in the morning; Tuckers' Special Scratch Feed at noon and evenings. This is the plan followed by hundreds and thousands of our enthusiastic customers and it is a plan that works and wins and makes money.

RELIABLE "STANDARD" INCUBATORS

Has Been on the Market Over 38 Years

They are made of high grade, thoroughly seasoned lumber; double walls, space between walls carefully insulated with the best non-conductors of heat; the top above tank is heavily insulated with several thickness of insulation, each layer separated by sheets of heavily non-conducting cardboard; two separate doors, made extra thick with extra heavy glass which permits an easy observation of all parts of the egg chamber without opening doors of the machine; doors close against a jamb, positively sealing themselves; legs are neatly turned and extend with a shoulder underneath the corners of machine, where they are rigidly secured with screws; double heating system, a feature which gives a decided advantage in economy of operation.

The lamp burner and chimney are all metal and so constructed as to be perfectly safe; thermometer is the highest grade and tested by the United States Standard.

The Patent Regulator consists of an expansion plate which is filled with Fluid that boils and forms a steam which slightly raises the valve over the heater allowing the heat to pass directly out of the heater; with this regulator, perfect regulation and evenness of heat is assured. The eggs are turned by hand and the egg trays are made of thoroughly seasoned material, bottoms are covered with extra heavy gauze. Perfect moisture is accomplished by a constant circulation of properly heated air throughout the machine, coming in contact with air from ventilator. Has Nursery beneath egg tray. Removable Nursery Tray which is covered with burlap and provides a place for chicks to rest and move about and also keeps them off the eggs while hatch is being completed. All Hot Water Tanks are made of copper.

Breeders' Favorite

Capacity 300 Eggs
Size of body 17x36x52 in.

No. 55.—With Hot Air System. Consists of two tubes, one running entirely through the incubator; the other open at the inner end; supplying fresh air and at the same time radiating heat; weight each, 200 lbs. Each \$44.00.

No. 56.—With Hot Water System. Consisting of two tanks, the hot air and hot water copper tank. The hot air tank heats the fresh air supply before conducting it into egg chamber, also radiates the heat from its own surface. Weight, each, 215 lbs. Each \$55.00.

Broiler's Choice

Capacity 400 Eggs
Size of body 17x42x53 in.

No. 57.—With Hot Air System. Consists of two tubes, one running entirely through the incubator; the other open at the inner end supplying fresh air and at the same time radiating heat; weight each, 215 lbs. Each, \$51.50.

No. 58.—With Hot Water System. Consists of two tanks the hot air and hot water copper tank, the hot air tanks heats the fresh air supply before conducting it into egg chamber, also radiates the heat from its own surface. Weight each, 225 lbs. each, \$65.00.



Illustration shows Nos. 51 and 52.

Small Fancier

Capacity 80 Eggs.
Size of body 17x22½x29 in.

No. 49A.—With Hot Air System. Consists of two tubes, one running entirely through the incubator, the other open at the inner end, supplying fresh air and the same time radiating heat; weight each, 70 lbs. Each \$19.75.

No. 50A.—With Hot Water System. Consists of two tanks, a hot air tank and a hot water, copper tank; the air tank heats the fresh air supply before conducting it into the egg chamber, also radiates heat from its own surface. Weight each 75 lbs. Each \$24.75.

Suburban

Capacity 120 Eggs
Size of body 17x32x26 in.

No. 51.—With Hot Air System. Consists of two tubes, one running entirely through the incubator. The other open at the inner end, supplying fresh air and the same time radiating heat; weight each, 110 lbs. Each \$27.75.

No. 52.—With Hot Water System. Consists of two tanks; a hot air tank and a hot water copper tank. The air tank heats the fresh air supply before conducting it into the egg chamber also radiates heat from its own surface; weight each, 115 lbs. Each, \$32.50.

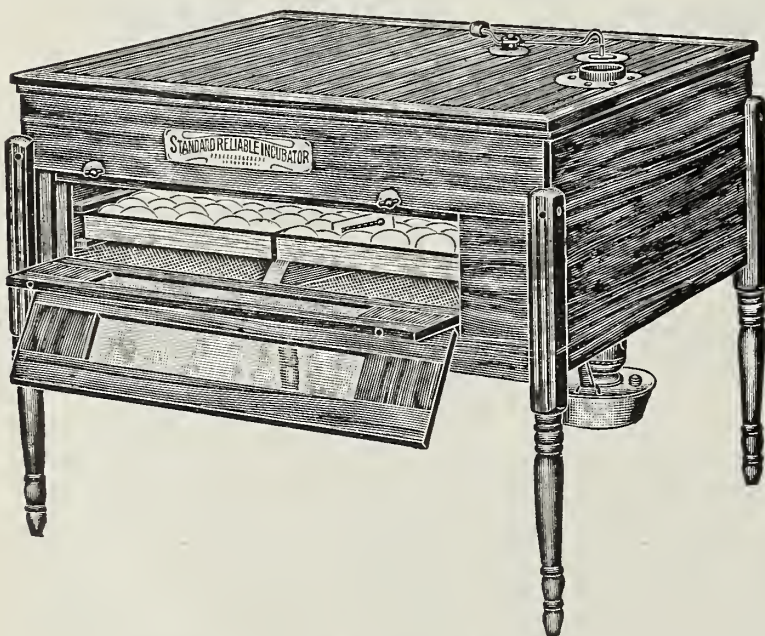


Illustration shows Nos. 55 and 56

Farmer's Delight

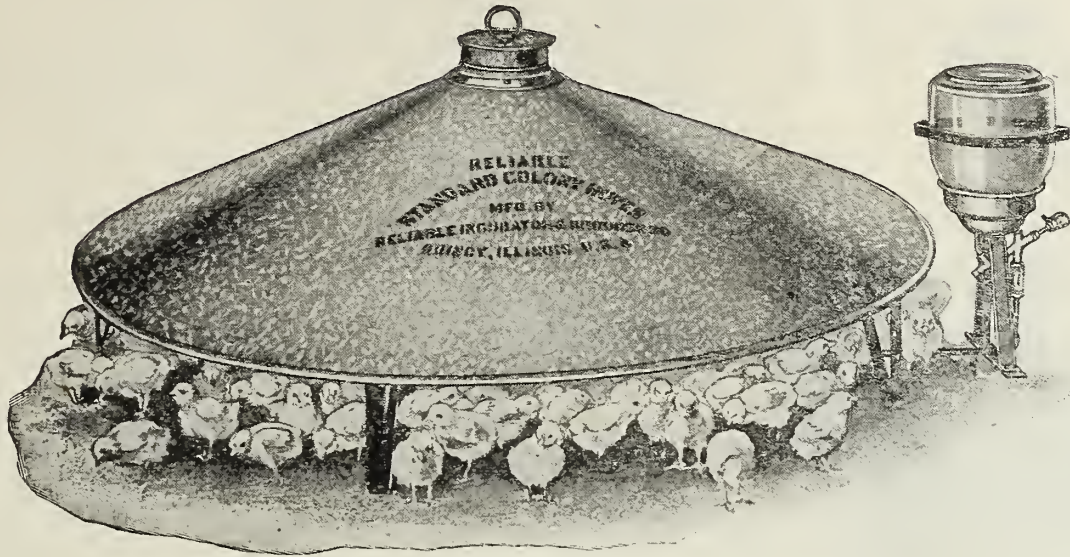
Capacity 220 Eggs
Size of body 17x34½x44 in.

No. 53.—With Hot Air System. Consists of two tubes, one running entirely through the incubator, the other open at the inner end; supplying fresh air and the same time radiating heat; weight each, 155 lbs. Each \$37.50.

No. 54.—With Hot Water System. Consists of two tanks; a hot air tank and a hot water copper tank; the air tank heats the fresh air supply before conducting it into the egg chamber, also radiates heat from its own surface; weight each 175 lbs. Each \$45.00.

RAISE ALL YOUR CHICKS

Raise All Your Chicks With the Reliable, Blue Flame, Wickless Oil Heated Colony Hover



THIS HOVER REPRESENTS THE 30-INCH, 42-INCH AND 52-INCH SIZES.
 BURNS GAS GENERATED FROM COAL OIL.
 STEADY BLUE FLAME.
 COMFORTABLE AND EASY TO OPERATE.
 ECONOMY OF OPERATION.
 SIMPLE IN CONSTRUCTION.
 THE FLOW OF OIL IS REGULATED AUTOMATICALLY.

NO WICK TO TRIM.
 ABUNDANCE OF HEAT.
 NO OIL FUMES.
 VISIBLE OIL FEED.
 CONVENIENT AND SAFE.
 NO COAL, SMOKE OR GAS.

We furnish a one-gallon self-feeder glass oil container with our 30, 42 and 52 inch Hovers and a ½-gallon galvanized steel oil can with our 18-inch Hovers, so that you need have no fear of light going out for it is simple and requires very little attention. It is equipped with a safety valve, so oil is dropped to heater as needed. After the valve is once properly adjusted according to directions you need not pay any more attention, only to feed and water the chicks, for they are always happy and comfortable with plenty of pure, fresh, warm air at all times.

OUR VENTILATOR in top of cone of hover, leaves out all foul air made by the chicks. This is all done automatically without any bother to the operator and which insures steady and healthy growth of the chicks placed in its care.

These hovers are made of galvanized steel, have steel legs and have a capacity with our 18-inch Hover, 100 chicks or less; 30-inch hover, 350 chicks or less; with our 42-inch hover of 500 chicks or less; with our 52-inch hover, 1,000 chicks or less.

If you have a coal burning brooder and desire to change to our oil burning hover, it will only be necessary for you to purchase our Blue Flame Oil Heater Complete, to be used instead of stove. These Heaters listed above. Complete instructions for making change sent with each outfit.

PRICE OF OUR BLUE FLAME WICKLESS SELF-FEEDING COAL OIL HEATED HOVER.

No.	Size Hover	Weight Complete Hover	Price of Heater Only	Price of Canopy Only	Price of Complete Hover
00	18 inch	14 lbs.	\$ 6.00	\$ 3.00	\$ 7.50
0	30 inch	40 lbs.	10.50	8.00	16.50
1	42 inch	45 lbs.	12.00	10.50	18.50
2	52 inch	55 lbs.	13.50	14.50	22.00

POULTRY SUPPLIES

We are large handlers of first-class Poultry Supplies and Feeds. If interested please write us for samples of our Special Feeds, we guarantee them to be the very best on the market.

EGG TESTERS. An all metal egg tester that is reliable. Each 30c. Postage, extra, 5 cents.

INCUBATOR LAMPS—Made of heavy galvanized steel, will last for years. Can be used with almost all makes of incubators. Fitted with burners. Small size holds 1 qt. of oil, fitted with No. 1 or 2 burner, complete 90c. Large size holds 2 qts., with No. 3 burner, complete \$1.00. Postal weight 1 qt., size 1 lb., 2 qt. size, 2 lbs.

INCUBATOR AND BROODER SUPPLIES

BROODER LAMPS—1 qt. size heavy galvanized iron, 80c; 2 qt. size, galvanized iron, 90c. Postal wt., 1 qt. size 1 lb., 2 qt. size, 2 lbs. Metallic Lamp chimneys each, 25c.

LAMP BURNERS—Good heavy burners that will give satisfaction. Nos. 1 and 2, each, 35c; No. 3, each, 50c postpaid.

Incubator Thermometers

Guaranteed Accurate. "Tycos" Incubator Thermometers are recognized as the world's standard. Guaranteed accurate, can be used with perfect as-

urance in any make of incubator. Postpaid, 75c.

Brooder Thermometers

Made with wooden back, for protection. A good accurate, strong thermometer. Postpaid, each 40c.

Hygrometers

The use of the "Tycos" Incubator Hygrometer effectively lessens the percentage of chicks dying in the shell—due very largely to improper moisture conditions.

"Tycos" Incubator Hygrometer, each \$1.50, post-age extra, 5c.

Queen Incubators

Stop Hatching Weak Chicks With Cheap Incubators



A Queen costs but little more, and the extra chicks that live and grow soon pay the difference.

Remember, it is not how many chicks you HATCH that counts, but how many you RAISE. Chicks that hatch out weak and wobbly, and live but a few days, mean nothing to you, but trouble and loss. They make one sick of the poultry business.

Most of the chicks you lose in the first few weeks die because they did not have, when hatched, enough strength or vitality for a good start. Queen Incubators are famous the country over for big hatches of strong, healthy chicks that live and grow.

Proper Insulation

The Queen is double insulated. First we use double walls of California Redwood, forming a dead air space. Second, corrugated strawboard is used between the wooden walls. Proper insulation adds considerable expense to the manufacturing cost. However, it is an absolute requirement of a good incubator.

Queen Hot Water Heating

The Queen System of hot water heating prevents the drying-out tendencies found in hot air incubators and provides a soft, uniform heat over every part of the egg chamber—a heat that is most natural for the hatching eggs. The circulation of water through the radiator prevents any moisture being added or taken away from the eggs. When it becomes necessary to remove the lamp, the hot water circulating through the radiator maintains an even heat within the egg chamber without the slightest variation.

Built of California Redwood

The Queen is the only Incubator that carries out the double redwood wall construction all around, and provides a double wall front, in the way of two separate doors. The outer door is a solid panel of Redwood that is hinged entirely independent of the inner door and is fastened with a sask lock that draws it tight, thus making the loss of heat impossible.

The inner door is also of redwood construction, containing a panel of glass the full length and height of the egg chamber.

Redwood does not absorb the odor from the hatching eggs. Cheaper woods, and pasteboard lining in iron and tin machines, retain the odors, to weaken and kill the hatching chick.

Queen Incubators are not cheap, but they are cheap in the long run. They will be turning out good hatches, years after the cheap machines have been junked.

Sizes and Prices

No. 1—85-egg Size	\$25.00	No. 25—600-egg Size	\$90.00
No. 2—135-egg Size	\$34.00	No. 35—800-egg Size	\$125.00
No. 3—180-egg Size	\$39.50	No. 45—1000-egg Size	\$160.00
No. 4—275-egg Size	\$49.50	No. 55—1500-egg Size	\$215.00
No. 5—400-egg Size	\$58.50	No. 65—2000-egg Size	\$285.00

QUEEN BROODER STOVES

The Queen Colony Brooder is a new and improved design of brooder stove. It is made of highest quality iron castings that will wear and last indefinitely.

There are no drafts on the smoke pipe of the Queen. The check rests on top of the stove and opens outward when fire is too warm, thus giving a gentle inflow of air to retard the heat. While the opening of the draft to increase the fire is located at the top of the stove, it opens into the fire at the base through an opening extending down the side to the bottom. This feeds the draft into the fire from underneath with no opening below the hover.

When the fire is too hot, the wafer expands and closes the draft and opens the check, both at the same time. When it is too cool the wafer contracts and closes the check and opens the draft. This keeps an even heat all the time, both night and day, in cold weather or warm, and does it automatically.

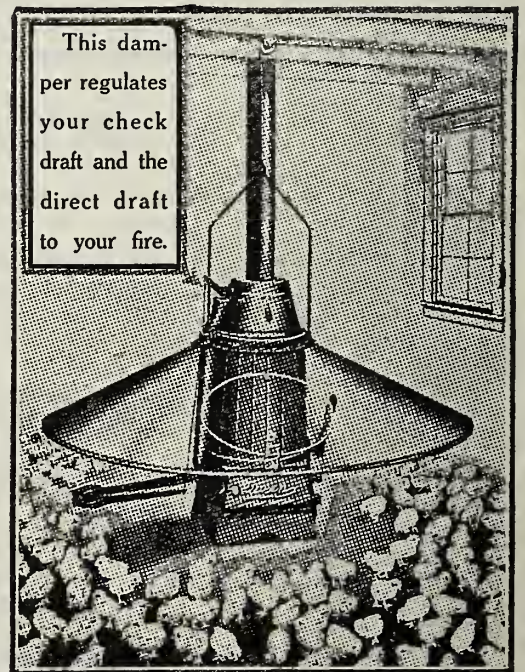
Collapsible Hover

The hover used on Queen stoves is collapsible and made of four pieces of galvanized iron. This hover comes knocked down, with holes punched and stove bolts attached, ready for putting together. By being collapsible, it enables you to save room when storing, and lessens the danger of damage, when not in use.

Burns Any Kind of Fuel

The Queen stove burns any kind of fuel with equally satisfactory results. We recommend chestnut sizes in all kinds of fuel and hard or soft coal, coke, charcoal, or briquettes burn equally well. Of course, hard coal will not cause the pipe to become dirty as quickly as the others, but it will give no better heat.

No. 1—600 chick size	\$19.50
No. 2—1200 chick size	\$21.75



This damper regulates your check draft and the direct draft to your fire.

POULTRY FOOD AND SUPPLIES

All Poultry Foods and Supplies are f. o. b. Cars Carthage, Unless Otherwise Noted.

Granulated Bone

Fine for laying hens, granulated to about the size of wheat and thoroughly cleaned; you will find this bone to be one of the best egg producing and conditioning foods you have ever fed. In two sizes, Medium for Hens, and Chick Size for Little Chicks. Please state size wanted.

10 pounds	.....	.75
25 pounds	.....	\$1.65
50 pounds	.....	\$3.00
100 pounds	.....	\$5.50

Oil Cake Meal

Old process ground Oil Cake, very valuable for stock and poultry of all kinds. 10 lbs., 65c; 50 lbs., \$2.65; 100 lbs., \$5.00.

Pure Blood Meal

One of the best egg producing foods known. If your hens are not moulting good, if their combs are not red and you are not getting as many eggs as you ought to, just get a few pounds of our pure dried blood and feed it regularly, and we'll guarantee that inside of two weeks you will see the big change in your hens.

10 pounds	.....	\$1.25
25 pounds	.....	\$2.50
50 pounds	.....	\$4.50
100 pounds	.....	\$8.75

Alfalfa Meal

The best winter substitute for green stuff. The hay is cut when at the greenest stage of growth, cured and ground fine, nothing better. 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.75.

Charcoal Granulated

Two sizes, chick and hen. Specify which. A valuable tonic for poultry and hogs. It is a pure and well burned and ground product, and can be taken by you as well as it can be fed to chickens, birds and animals.

5 pounds	.....	\$.40
10 pounds	.....	\$.70
25 pounds	.....	\$1.50
50 pounds	.....	\$2.65
100 pounds	.....	\$5.00

Glass Nest Eggs

The best made; look more like the natural egg and more than pay for their cost the first season. Packed 1 dozen in carton, post-paid, doz., 35c. Buyer's Expense, doz., 30c.

The Eyrie Egg Box

The Eyrie Egg Box is the lightest, weighing only 2 3/4 pounds packed for shipment. The self locking handle absolutely prevents pilfering of the contents or the substitution of other eggs. Also the handle makes an easy carried package and prevents putting anything on top of the box, thus eliminating the liability of rough usage. In shipping high priced eggs for hatching, it is very important that they should be kept as uniform in temperature as possible. The Eyrie does this, the dead air cells in the corrugated paper making an effective shield against either heat or cold.

No. 1 For one setting (15 eggs)	25c; 6 for \$1.40; doz. \$2.65.
No. 2 For two settings (30 eggs)	35c; 6 for \$2.00; doz. \$3.75.

The Anderson Egg Box

Made of heavy corrugated pasteboard, light, substantial, well made, will carry eggs, safely anywhere, price considered, this is the best for the money. We sell lots of them.

No. 3 One setting, each	25c; doz., \$2.50
No. 4. Two settings, each	30c; doz., \$3.00.
No. 5. 50 egg size, each	45c; doz., \$4.90.

Beef or Meat Scraps

This meat ground in size from that of wheat grain to as large as a pea. Meat is one of the most essential elements for egg production, and this is the best way to buy it. No waste, but all good clear pieces of meat.

10 pounds	.....	\$.80
25 pounds	.....	\$1.75
50 pounds	.....	\$3.35
100 pounds	.....	\$6.50

Pure Meat Meal

This is composed of beef scraps and blood and supplies the necessary protein and nitrogen to promote a good healthy growth in your chickens.

10 pounds	.....	\$.70
25 pounds	.....	\$1.60
50 pounds	.....	\$3.00
100 pounds	.....	\$5.75

Pure Flax Seed Meal

This is pure re-cleaned Flax seed ground fine. Contains all the oil. It is one of the best stock and poultry Regulators known. It cleans out the system, regulates the blood and brightens the eye. One of the best milk producers. 10 lbs., \$1.25; 50 lbs., \$5.75; 100 lbs., \$11.00.

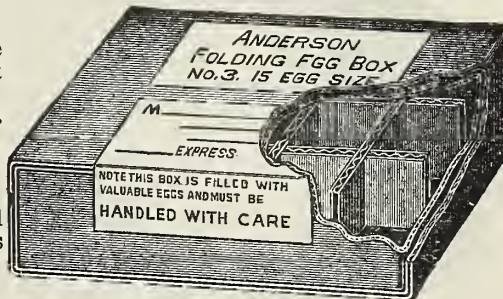
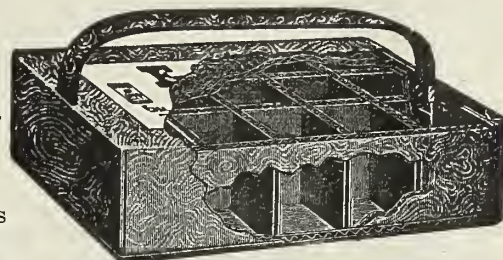
Cotton Seed Meal

Valuable for poultry, if properly fed; contains 43 per cent protein. Very fattening; 10 lbs., 60c; 50 lbs., \$2.50; 100 lbs., \$4.85.

Crushed Oyster Shell

Manufactured from pure pearl, being trimmings from button factories where they use only fresh live stock, direct from the water. It acts as a grit, and prevents soft shells. It contains many essential compounds of the egg. Prevents hens eating their eggs, is sharp and clean and contains 95 per cent of carbonate of lime.

No. 1 medium size, for hens, \$1.50 per 100 lbs.
No. 2 fine size for chicks, \$1.50 per 100 lbs.



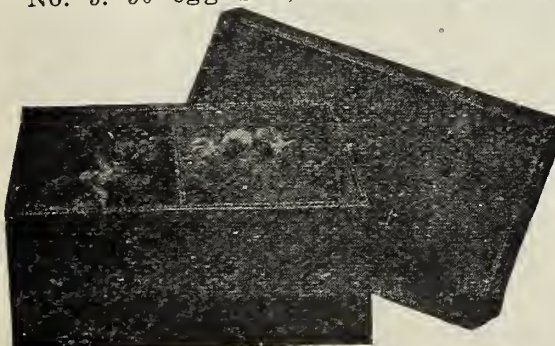
Live Chick Boxes

"The Sefton Live Chick Box" is shipped to you folded flat and very easily set up. Made from Corrugated Paper throughout. It is lighter and much more convenient than wooden boxes and in some instances the amount saved in express charges alone will pay for the box.

No. 1, 25 chick size, each	30c; dozen, \$3.25.
No. 2, 50 chick size, each	35c; dozen, \$3.90.
No. 3, 100 chick size, each	45c; dozen, \$5.00.

Postal weight: No. 1, 1 lb.; No. 2, 2 lbs.; No. 3, 2 lbs.

Add 5 Cents for One Egg Box or 25 Cents per dozen to prices of all Egg Boxes if wanted by Parcel Post.



Petty's Poultry Punch

The top of perfection in Poultry Punches. Made of best spring steel, handy; one person can use it easily. Can be put on your key ring and you will always know where it is. **Price 25c postpaid.**



Champion Leg Bands

Adjustable and numbered. Best made. Three inches long. Made of aluminum; are adjustable. One dozen for 15c; 25 for 25c; 50 for 40c; 100 for 75c; 250 for \$1.75; 500 for \$3.75 postpaid.



Celluloid Leg Bands

The Celluloid Leg Bands are rapidly coming into more general use, as their many good points of advantage over other kinds become known. They are easily attached, will not lose off, and retain their color. They are made in six sizes, as follows: Asiatic (large size), American, (Medium Size); Mediterranean, (Smaller Size), Bantam and Chick Sizes.

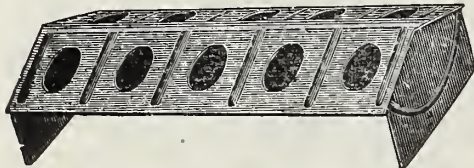


BABY CHICK

We carry in stock the following colors: Dark Blue, Pink, Green and White. Be sure to state the size and color wanted. **Postpaid, dozen, 15c; 2 dozen for 25c; 100 for 75c; 500 for \$3.60.**

Chick Feed Troughs

These troughs are very convenient for feeding **AMERICAN** flocks of growing chicks. The trough is made on a half circle, so that every bit of feed can be easily eaten out of it. Over the trough is a gable shaped grate which prevents the chicks from getting in it and wasting or fouling the feed. This grating is a separate piece and slides on and off easily. It is stamped into shape with dies, and is ribbed as shown in the cuts, making it strong and substantial.

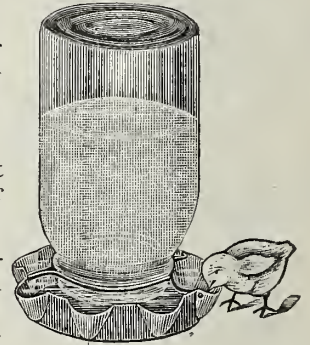


FEED TROUGH

Made in Two Sizes: — 10-inch and 20-inch. 10-inch trough, 35c, postpaid, 45c; 20-inch trough, 50c, postpaid, 60c

Automatic Fountain and Chicken Feeder

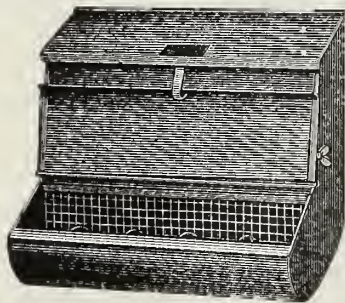
This appliance for chicks feeds water, grain, grit, etc., automatically. It is an absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason jar. We do not furnish jars. **Price, 15c each; 2 for 25c; Postpaid, 20c; 2 for 35c.**



FOUNTAIN

The Handy Dry Mash Hopper

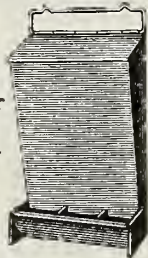
The Handy Hopper is made considerably wider at the bottom than at the top, so that it is impossible for any sort of dry mash to clog in it. Feed put in this Hopper cannot be wasted for the trough is deep, has a wide flange all around it, and solid partitions, making it impossible for the fowls to pile up the feed and throw it out with their bills. We consider this one of the best hoppers made, and it is suitable for any kind of dry mash. Rat proof lid over both hopper and trough. Also with a grate at the bottom of the front, which keeps the feed from clogging.



MASH HOPPERS

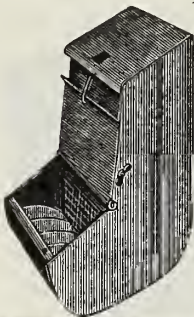
Grit and Shell Box

This Grit and Shell Box has slanting front, inclined top and round bottom to trough. Just the thing to hold oyster shell, charcoal and grit for a small flock of fowls. A Three-Compartment Hopper. **Price of Grit and Shell Box, \$1.65, shipping weight 2 lbs., each.**



Combination Hoppers

The Combination Hopper is made on the same pattern as the Handy Hopper; but in addition to the large compartment for dry mash it has two or three small compartments for grit, shell, charcoal, etc., making it a combination mash hopper and grit and shell box. Made in two sizes—No. 1, 24 inches long with two 9-inch and two 3-inch compartments; No. 2, 36 inches long with two 12-inch, one 6-inch and two 3-inch compartments.



No. 1 Combination Hopper \$3.00; shipping weight, 13 lbs.

No. 2 Combination Hopper, \$3.75; shipping weight, 18 lbs.

PRICES.

- No. 1 Handy Hopper, 9 inches long, one compartment, \$1.65;** shipping weight in fibre carton, 6 lbs.
- No. 2 Handy Hopper, 15 inches long, 1 compartment, \$2.50;** shipping weight, in fibre carton, 9 lbs.
- No. 3 Handy Hopper, 24 inches long, 2 compartments, \$2.75;** shipping weight in fibre carton, 11 lbs.
- No. 4 Handy Hopper, 36 inches long, 3 compartments, \$3.75;** shipping weight, crated 30 lbs.

Drop Bottom Fountains

In this style of Drinking Fountain, the pan which forms the trough from which the fowls drink is hinged at the back and fastened by a brass latch in front. The hood over the trough prevents falling dust and dirt from getting into the water; and when the bottom is turned back the inside of the front can be easily cleaned out and kept in sanitary condition. The hole which allows the water to run from the fountain into the trough is behind the brass latch, which prevents the water from slopping out when the fountain is handled. The hinge is made with a brass rod to prevent rusting. Made of No. 28 galvanized steel in three sizes.

2-quart Drop Bottom Fountain, \$1.15; shipping weight, 2 lbs.

1-gallon Drop Bottom Fountain, \$1.30; shipping weight 3 lbs.

2-gallon Drop Bottom Fountain, \$1.60; shipping weight, 5 lbs.

Conkey's Celebrated Poultry Remedies

Roup Cure	30c-60c	Postpaid 35c-65c
Bronchitis Remedy	60c	65c
Cholera Remedy	30c-60c	35c-65c
Chicken Pox Remedy	60c	65c
Limber Neck Remedy	60c	65c
Scaly Leg Remedy	30c	35c
Gape Remedy	60c	65c
W. Diarrhoea Remedy	30c-60c	35c-65c
Poultry Tonic	30c	35c
Rheumatic Remedy	60c	65c
Poultry Worm Remedy	60c	65c
Conkey's Lice Powder, guaranteed, 5 oz. pkg., 15c; postpaid 20c; 15 oz., pkg., 30c; postpaid 35c; 48 oz., pkg., 60c; postpaid, 70c.		

Conkey's Laying Tonic—The best egg producer known. 1½ lb. pkg., 30c; postpaid 40c; 3¼ lb. pkg., 60c; postpaid 70c; 7 lb. pkg., \$1.10; postpaid, \$1.25.

Conkey's Fly Knocker—The best fly preventive on the market, kills every fly it hits. 1 pt., 50c; 2 pts., 75c; 1 gal. \$1.25. At Buyer's Expense.

Conkey's Head Lice Ointment, 1 oz., tube, 10c; 3 oz., tube, 25c, postpaid.

Conkeys' Lice Liquid, 1 pt., 50c; 2 pts., 75c; 1 gal., \$1.25. At Buyer's Expense.

Conkey's Noxicide, pt., 45c; qt., 75c; ½ gal., \$1.25; gal., \$2.25. At Buyer's Expense.

Pratts Poultry Remedies Animal Regulator Veterinary Remedies



- | | | |
|--------------------------------------------------------------|----------|-------------|
| Pratts Roup Cure, 30c and 60c | Postpaid | 35c and 65c |
| Pratts White Diarrhoea Remedy in 30c and 60c pkgs. | | 35c and 65c |
| Pratts Chicken Cholera Remedy, 30c and 60c pkgs. | | 35c and 65c |
| Pratts Sore Head Chicken Pox Remedy, 30c and 60c boxes | | 35c and 65c |
| Pratts Poultry Regulator, pkgs., 30c, 60c, \$1.25 | 35c | 65c \$1.40 |
| Pratts Animal Regulator, pkgs., 30c, 60c, \$1.25 | 35c | 65c \$1.40 |
| Pratts Condition Powder, pkgs., 30c; 60c | | 35c and 65c |
| Pratts Cow Remedy, pkg., 60c; pails \$2.75; and \$5.00. | | |
| Pratts Animal Dip, 60c, \$1.00 and \$1.75 can. | | |
| Pratts Liquid Spavin Remedy, 60c bottle. | | |
| Pratts Distemper Cure, 60c bottle. | | |
| Pratts Head Lice Ointment, 30c box. | | |
| Pratts Powdered Lice Killer, 30c and 60c pkgs. | | |
| Pratts Veterinary Colic Remedy, 75c and \$1.50. | | |

- | | |
|------------------------------------------------------------------|----------------|
| Pratts Veterinary Healing Ointment (Gall Cure), 30c and 60c..... | 35c and 65c |
| Pratts Veterinary Liniment, bottles. | 35c 65c \$1.40 |
| Pratts Specially Prepared Worm Powder, 60c pkgs..... | 65c |
| Pratts Heave, Cough and Cold Cure, 60c and \$1.25 pkgs | 65c \$1.40 |



Satisfaction Guaranteed or Money Refunded

Satisfaction Guaranteed or Your Money Refunded

DR. HESS' POULTRY AND STOCK REMEDIES

The Dr. Hess and Clark Poultry and Stock Remedies are absolutely standard. They have been known and used for a great many years. The Dr. Hess Poultry Panacea is one of the best recognized egg producers known.

- | | | | |
|-------------------------------------|--------------------|----------|------------------------|
| Dr. Hess Panacea, | 30c and 75c | Postpaid | 35c and 85c |
| Dr. Hess Stock Tonic, | 30c-60c and \$1.25 | | 35c and 70c and \$1.40 |
| Dr. Hess Instant Lice Killer, | 30c and 65c | | 35c and 70c |

Write for the Dr. Hess Poultry and Stock Books. They are free.

BIRD SEED

Our Bird Seeds are strictly fresh stocks, re-cleaned, free from dirt and weevil.

Mixed Bird Seed

This is a combination of Hemp, Canary, Imported Millet, Rape Seed and Flax Seed. Each proportioned to give the best results. With each order for one pound or more we include a good sized piece of cuttle bone. Postpaid, lb., 30c; 2 lbs., 55c; 5 lbs., \$1.25.

Hemp Seed

Extra Fancy re-cleaned stock. Postpaid, lb., 30c; 2 lbs., 55c; 5 lbs., \$1.25.

Canary Seed

Imported Extra Fancy Stock. Postpaid, lb., 30c; 2 lbs., 55c; 5 lbs., \$1.25.

Imported Millet

Large plump seed, re-cleaned. Postpaid, lb., 20c; 2 lbs., 35c; 5 lbs., 75c.

Rape Seed

Extra large seed. Postpaid, lb., 30c; 2 lbs., 55c; 5 lbs., \$1.25.

BLATCHFORD'S CALF MEAL

Here's the solution of your whole profit problem. Blatchford's Calf Meal (the perfect milk substitute) is so like the genuine whole milk—when properly made into gruel—that the calf doesn't know the difference; it's a real "babyfood" for calves (or any young stock, for that matter), and is not at all like the ordinary "feeds" and "meals" now on the market. It contains protein and butter fat in greater quantities than is usually found in whole milk and is thoroughly steam cooked. The calf will grow sturdy and robust and will not be troubled with "scouring." Just as soon as the mother cow's milk is ready to be sold, Mr. Calf is ready for Blatchford's Calf Meal. He will take to it just as naturally as he does to his mother's milk, and you'll find that he will "never miss a meal" when once you start him on this "perfect milk substitute." It is not only nourishing, but actually contains the necessary elements to reproduce the feeding value of the butter fats of whole milk, and is thoroughly steam cooked. One hundred pounds of Blatchford's Calf Meal makes 100 gallons of rich milk substitute. Two tablespoonsful in gruel form as directed, is a full feed at the start.

Explicit feeding directions in every bag. A compliance with them will insure perfect results. Buyer's Expense, 25 lb. bag, \$1.85; 50 lb. bag, \$3.50; 100 lb. bag, \$6.50.

BLATCHFORD'S RABBIT MEAL

Blatchford's Rabbit Meal, is the best food known to develop and keep your rabbits healthy. Feeding it will grow them quicker, and stronger. Price the same as the Calf Meal.



SPRAYING OUTFITS

We list only small spraying outfits in this catalogue, but are prepared to furnish anything in this line up to the largest traction outfits. Will gladly mail catalogue pertaining to general outfits on request

Auto Spray No. 1

The "Auto Spray" is the favorite with nurserymen, potato growers and market gardeners everywhere, is used by nearly all the state experiment stations and by the U. S. government as well as by thousands of representative agriculturists and horticulturists throughout the world. The "Auto Spray" works automatically for 6 to 15 minutes. May be charged in 15 seconds by a few strokes of the plunger. Has a capacity of 4 gallons. No other style sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs, and vines, greenhouses, hospitals and stables for disinfectants; for sheep and cattle dip; and cattle fly oils, also in the hen house.



The illustration shows the "Auto Spray" equipped with Auto Pop nozzle. **AUTO SPRAY IN THE FIELD**

Price of Auto Spray No. 1

No. 1—C Galvanized with stop cock	\$6.50
No. 1—D Galvanized with auto pop	\$7.00
No. 1—A Brass with stop cock	\$9.25
No. 1—B Brass with auto pop	\$9.75

PLEASE NOTE—For 25 cents additional, to cover postage and packing, we will deliver any style Auto Spray listed above—Postpaid to your address.

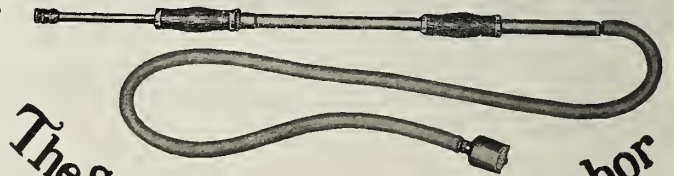


Auto Spray No. 5

This pump is the ideal all - purpose hand sprayer. Its field is practically unlimited as it may be used for

spraying trees, vines, garden truck, potatoes and any field crops, and for handling whitewash and disinfectants. The pump is made entirely of brass. It has two ball valves so arranged that they may be instantly cleaned. The threads are all cut, not rolled, so that there is no chance for leakage. Pump is double acting and will generate a pressure of 180 pounds. We furnish with this pump 3½ feet of 3/8-inch suction hose and a heavy strainer that keeps the hose from working out of a bucket or tank. The strainer screen can be easily taken out of the strainer casting. This strainer has 5 inches of screen surface. **Pump complete, \$5.00; postpaid, \$5.25.**

It's Double Acting



The Same Spray With Half The Labor

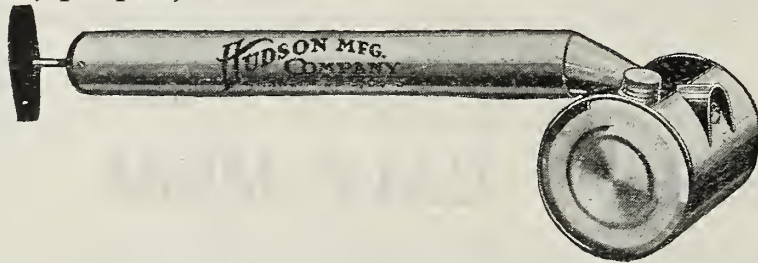
AUTO SPRAY NO. 5

The Celebrated Hudson Sprayers

A Sprayer for every purpose and each guaranteed to be the best on the market.

Misty Sprayer, General Purpose

Capacity 1 Quart. The best small purpose sprayer made. Throws a spray as fine as mist rendering the use of strong solutions safe on tender foliage plants; it forces the fluid into every crevice without using half the quantity required by syringe or sprinkler. **PRICE, heavy tin, 60c; postpaid, 70c.**



Hudson Barrel Pump

In our No. 4, we have developed a pump that will meet every requirement of a perpendicular Barrel Pump. It is powerful, light and durable and will develop better than 250 pounds pressure with ease. Can be used with either one or two lines of hose. Fittings for two lines of hose are furnished as regular equipment.

Cylinder—1¾ inches diameter, 7 inches long; Seamless Brass, 6-inch stroke.

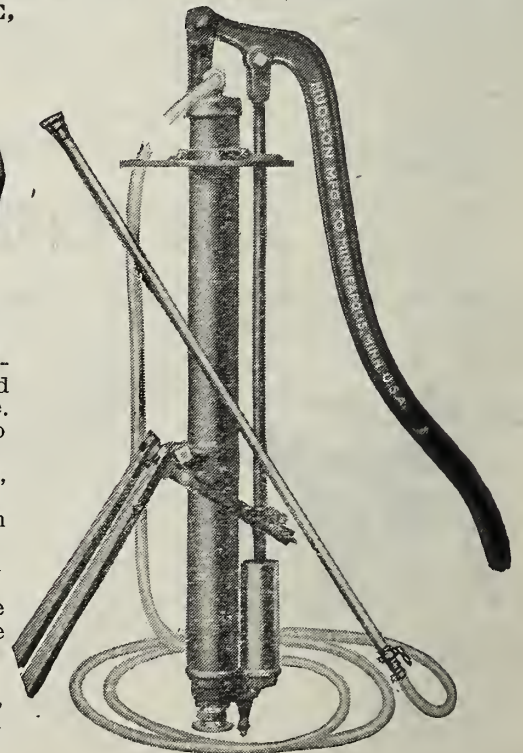
Plunger—Wick Packing Type (no leathers); wear can be taken up without removing plunger from cylinder.

Air Chamber—2 inches diameter, 30 inches long. Made of high carbon steel, light and strong.

Valves—Bronze Balls, both the intake and outlet valves are mounted in one cage and easily removable, fitted with brass intake screen.

No. 4 Pump only, price each **Buyer's Expense, \$11.00.**

No. 4A Outfit consists of No. 4 Pump, 15 feet ½-in. Sprayer hose, Fog Nozzle, Leakless Shut-off, and 8 feet of ¼-in. iron Extension rod, ready for use. Price each, **Buyer's Expense, \$15.50.**



SPRAYING OUTFITS Continued

Please Write for Special Sprayer Catalogue. They Are Free.

Hudson Perfection Compressed Air Sprayer



For Potato Spraying, Whitewashing, Disinfectants, Cold Water Paints. A High Pressure Sprayer "With the Pressure." The Hudson Perfection Sprayer has a tank made like a steam boiler. The all-riveted seams give the necessary strength for developing a high pressure, which is absolutely essential for good results. The all-brass pump is placed inside the tank and is easily removed.

Pump—1¾ inches diameter, 15 inches long, seamless brass tubing. The plunger is equipped with Hudson special plunger leathers. The valve is brass. We claim great advantage and distinction in the design of our top and the handle for the pump, in which we have combined simplicity, convenience, strength and service.

The Discharge Hose is attached to the discharge tube which extends to the bottom of the tank and curves to fit the natural bend of the hose. It is more expensive to make, but it eliminates the ugly piece of wire spring so commonly used to keep the hose from breaking.

Tank—7½ inches diameter, 20 inches long; capacity 4 gallons. Made of first-quality galvanized sheets or all-brass as ordered.

No. 110G Galv. Tank, price each \$7.50, postpaid, \$7.75
 No. 110B. Brass Tank, price each \$10.00, postpaid, \$10.25

Hudson Easy Sprayer

The Hudson Easy is a compressed air Sprayer made especially for the man desiring a sprayer larger than the hand atomizer and not as large as the regular compressed air types. It gives all the advantages of the regular compressed air sprayer at a minimum cost.

The Pump can be detached from the tank at the valve seat, affording an opportunity for cleaning, repairing, etc.



No. 110
 All Valve and nozzle parts are easily removable. Pump of heavy tin, 1½-inch diameter, 14 inches long.

Tank of galvanized iron, 5½ inches diameter, 8 inches long. Capacity one gallon.

No. 120G. Galvanized tank. Price each \$3.00.
 Postpaid, \$3.25.

Hudson Ideal Spray Outfits

A strong durable wheelbarrow sprayer. The Ideal is well designed and will develop a higher pressure than any other wheelbarrow sprayer. Particularly desirable for whitewashing and very practicable for spraying medium-size orchards or vineyards. **Pump**—Seamless Brass Cylinder; 1¾ inches diameter, 7 inches long. Air Chamber 2 inches diameter, 30 inches long made of steel tubing. Handle of correct length and well balanced in weight for easy operation. Pump is fastened to top of tank by spider casting and can be removed by loosening one thumb screw. **Tank**—Heavy galvanized steel or brass, reinforced top and bottom with heavy channel iron hoops, malleable castings for attaching to frame. Capacity 15 gallons. **Wheels**—20 inches diameter, 2½-inch tire; strong, light and rigid. **Valve**—Bronze balls—inlet and outlet, both mounted in one cage, brass intake screen. **Agitator**—Heavy swinging type, very efficient. **Frame**—Heavy steel tubing with channel iron braces. Tank hung

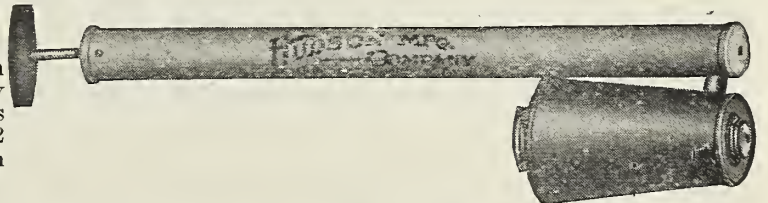


on trunnions. **Discharge Equipment**—10 feet ¾-inch Ideal Spray Hose, 8 feet ¼-inch Iron Pipe Extension, Fog Nozzle and leakless shut-off. Two lines of hose can be used if desired. **Shipping Weight**—Crated, 75 pounds.

No. 30. Ideal, galvanized tank. Price each, **Buyer's Expense** \$25.00
 No. 30B. Ideal, brass tank, made to order. Price, each **Buyer's Expense** \$33.50

Hudson Powder Gun

A hand sprayer for insecticides in dry form Has especially arranged valves, no powder can reach plunger leathers. Plunger rod exceptionally heavy. Capacity 1 quart. Pump Tube, 1½ inches diameter, 19½ inches long, length over all 22 inches. No. 701. Hudson Powder Gun, price, each \$1.00; postpaid, \$1.10.



SPARE THE SPRAY AND SPOIL THE FRUIT

Please send for one of our SPRAYER MANUELS. It is a complete Text Book for the grower of Fruits and Vegetables.

Never in history has it been so necessary properly to conserve and protect fruit and vegetable crops as it is today. Not only must the crops be grown with every facility of protection that science commands, but every square foot of ground should be cultivated. The realization of this fact has lately been forcibly brought home to each man, woman and child in the United States.

Due to the threatened shortage of important food stuffs, there have sprung into existence thousands of small gardens. These small and complete little producers of vegetables are playing a very important part in the food situation of the country. There is every indication that they will be continued in future years.

Every gardener should bear in mind that it is just as important to employ every means of science in producing sound, healthy crops, as is the case with the largest grower of fruits and vegetables.

SPRAYING MATERIALS

Spray—Spray—Spray! That's the word today. No matter what fruits or what vegetables he raises, the modern grower sprays as a matter of course. His problem isn't whether to spray or not—for he sprays and succeeds. It goes almost without saying that you, too, are going to solve the spraying problem—for it must be solved. We must grow more and better fruit; more and better vegetables and the best solution for this problem is to spray. Send for a free spraying calendar. We will see that it reaches you by return mail. On this page we list a line of Insecticides and Fungicides that are absolutely guaranteed to be the best on the market. Don't experiment, but buy these standard goods and the success of your spraying is assured from the start.

PYROX

The Spray that is "Worth While"

"Will it wash off." Try it and see. Apple growers swear by PYROX chiefly because they find it brings better fruit and more of it. But there are other advantages that appeal to you, too. PYROX doesn't wash off—it sticks through the heaviest storm—and you know how often fungus diseases get their start in rainy weather. PYROX is easy to handle—a smooth, creamy paste that's all ready to use when simply mixed with cold water. Goes further because you can spray it in a fine fog, covering the surface with a thin film of complete protection. PYROX saves both labor and money.

Kills Insects—Prevents Fungus and Diseases

Codling moth, canker worm and other chewing insects stand no show with PYROX Methodical spraying with it will keep your orchard free from these profit-eaters. As a fungicide, PYROX has proved itself unsurpassed. It gives positive protection against scab, bitter rot and other fungus diseases. It gives the tree more vigor and keeps the leaves—its lungs—green and healthy throughout the growing season, so the apples hang on longer and reach the perfection that comes only to fruit ripened on the tree.

Pyrox Means Prize Potatoes

Insure your potato crop against potato bugs, flea beetles and blight by spraying—in time with PYROX, 1 lb. to 5 gals. of water. Then you are safe against pest-losses. You will get bigger potatoes and more of them, too, for PYROX stimulates the plant, giving the leaves that rich, green color which means maximum starch formation. And more starch means more and heavier tubers. Twenty-one years of use by this country's best potato growers have proved that, without PYROX, you can't get the greatest returns from your soil, no matter how carefully you prepare and fertilize it. PYROX is the cheapest spray to use, too—the increased yield and quality soon pay for it besides giving you a good profit.

Pyrox Prices Buyer's Expense

1 lb. Glass Jar	45	50 lbs. 1 container	\$11.00
5 lbs. 1 container	\$1.75	100 lbs. 1 container	20.00
10 lbs. 1 container	3.00	300 lbs. 1 container	57.00
25 lbs. 1 container	6.25	One Pound Makes Five Gallons of Spray.	

POWDERED ARSENATE OF LEAD

Powdered Arsenate of Lead is formed by the combination of lead oxide and arsenic oxide. It is all active—containing not the smallest fraction of inert material. This product contains one-third arsenic—the most effective known poison for leaf-eating insects—which is closely combined with pure lead, in such a way that there is no free arsenic left to "burn" the foliage. It requires less than one-half as much Dry Powdered Arsenate of Lead per 50 gallons of water as it does of the paste material to accomplish the same or better results. One pound or 1½ pounds of Dry Powdered Arsenate of Lead to 50 gallons of water will control leaf-eating insects where heretofore, 2, 3 and 4 pounds of the paste material were required. It will be readily evident that this means ultimate economy to the grower and farmer. Arsenate of Lead has been used in powdered form for combination in wet sprays for many years. Its reputation as the most efficient insect poison is firmly established. **Buyer's Expense, price, ½ lb., 35c; 1 lb., 65c; 5 lbs., \$2.50; 25 lbs., \$9.75; 50 lbs., \$19.00; 100 lbs., \$35.00.**

DRY OR POWDERED LIME SULPHUR

Dry Lime-Sulphur is very simple to use. It goes into solution in water almost instantly and spraying operations can be started immediately. It is simply a case of dumping the desired amount of powder in the spray tank, filling the tank with water and spraying operations start. The uses for Dry Lime-Sulphur are varied, but the grower will find it particularly effective in the control of the following. San Jose Scale, Oyster Bark Louse, Scale Insects, Fungus Diseases such as peach Leaf Curl, Apple and Pear Canker, Apple Scab, Brown Rot of peach or plum, Blister Mite, etc. Remember Dry Lime-Sulphur can be employed for exactly the same work for which you have been using Lime Sulphur Solution. There are many reasons why you should use Dry Lime-Sulphur, in preference to the liquid. Chief of which are the following: Ease of handling, compared to the liquid, saving in freight charges. Eighty pounds of Dry Lime-Sulphur will produce four hundred gallons of spray for dormant work, while it would take one barrel or six hundred pounds of liquid Lime Sulphur to produce the equivalent. It can be kept for years without deteriorating; it can be used for any purpose that liquid Lime Sulphur has been used. It dissolves readily in cold water and adheres to the foliage for the longest possible time. **Buyer's Expense, Price 1 lb., 25c; 5 lbs., \$1.00; 25 lbs., \$4.35; 50 lbs., \$8.50; 100 lbs., \$15.50.**

FUNGI BORDO OR INSECTO

Fungi-Bordo, or Insecto, "the perfect Dry Bordeaux Mixture-Concentrate," is a dry powder which you receive in sift-proof, impervious packages. There is no freight to be paid on water, no danger of freezing, nor of drying out in the package, and the material always reaches you in prime condition for immediate use. The material as it reaches you is a whitish powder, and the only precaution necessary in keeping or storing it, is to keep it tightly closed and away from moisture as much as possible. This mixture not only prevents blight, scab, rust, mildew, black-rot, and all fungus disease of plants and fruits, but improves the quality and increases the yield. It should be used on all vine-crops, grapes, cucumbers, melons, tomatoes, etc. Potatoes especially respond generously to thorough spraying. To make a combined fungicide and insecticide, add a pound of Paris Green, or 2 pounds of Arsenate of Lead, to 150 gallons of the deluted mixture. **Buyer's Expense, price 1 lb., 40c; 5 lbs., \$1.75; 25 lbs., \$8.00; 50 lbs., \$15.50; 100 lbs., \$30.00.**

PARIS GREEN

For leaf-eating insects. It is strong poison and should be used with care. Mix one pound of Paris Green to 50 pounds of plaster, or with water to 150 gallons. On vines and tender vegetables use a larger proportion of plaster or water. **Buyer's Expense, ¼ lb., 25c; ½ lb., 45c; 1 lb., 75c; 10 lbs., \$7.00.**

SLUG SHOT

Kills the Currant worm, potato bug, cabbage worm, slug on roses, caterpillars, aphid on roses, bugs on melons and bugs on asters, cut worms, sow bugs, lice on fowls, curculio on plum, tobacco worms, etc. **Buyer's Expense, 1 lb., 15c; 2 lbs., 25c; 5 lbs., 50c; 10 lbs., 75c.** If to be sent by mail add 5c for one pound and one cent for each additional pound.

TOBACCO DUST

One of the cheapest and most effective remedies for lice and worms on cabbage, striped bugs and other insects on melons, cucumbers and squashes; a splendid preventive for strawberry weevil; fine for dusting on seed-beds to protect the young plants, as well as fertilizing and stimulating the growth; **1 lb., postpaid, 20c; 3 lbs., 50c; Buyer's Expense, 10 lbs., 85c; 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lbs., \$5.75**



"CLIPPER" GRAIN AND SEED CLEANER

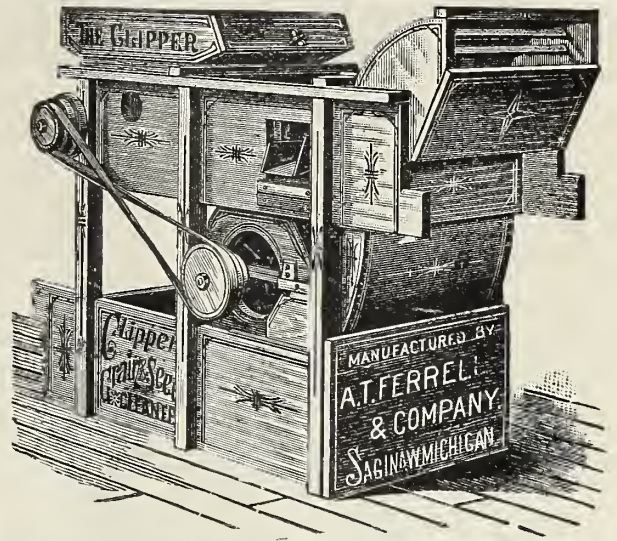
The manufacturers of the "Clipper Mill" have greatly improved their old No. 1, and in future this size will be known as No. 1 B. No. 1B Clipper has many new features. This assortment of screens (12 with this, only 10 with the old) are much better and will enable the farmer to grade his wheat, oats, etc., for sowing, and his corn for planting purposes. The directions for using the screens are very explicit; in fact, are such no one could make an error in their arrangement for cleaning Grain Seed, etc.

Every "Clipper Mill" is guaranteed both as to material and workmanship; will clean all kinds of seed and grain.

The No. 1 B Clipper Cleaner with 12 screens is the best all around farm mill made. Endorsed and used by State and Government experiment stations. Screens are so arranged as to be in plain view and of easy access to the operator while machine is in operation.

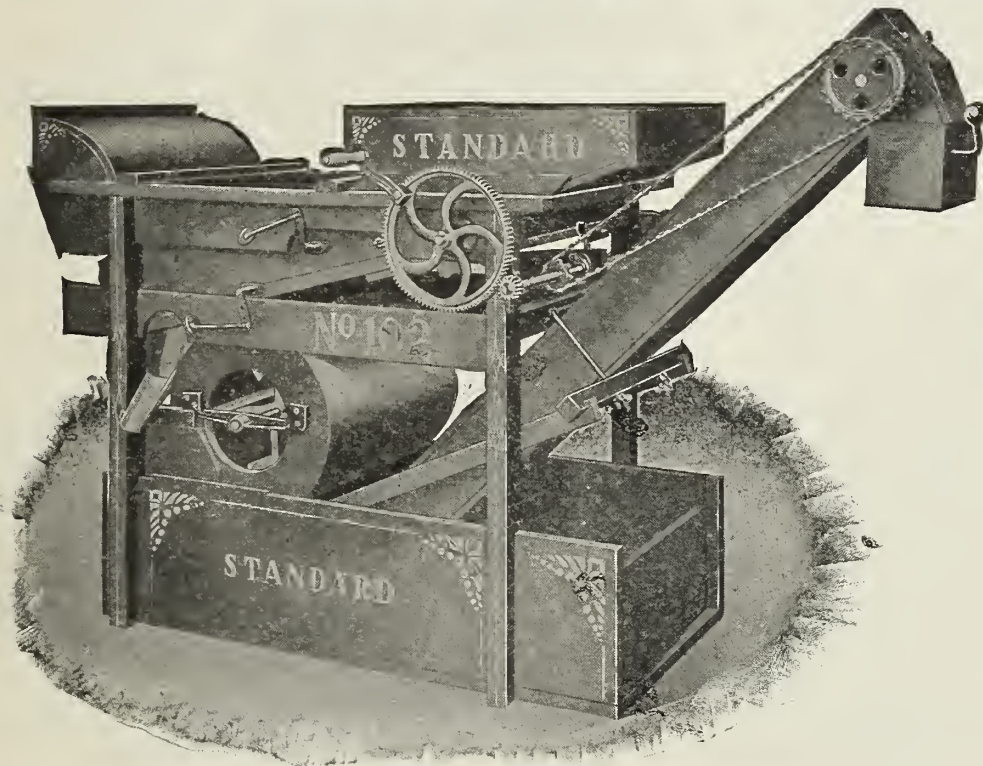
Capacity 25 bushels of wheat or 10 bushels clover per hour. Price No. 1 B complete, \$32.00.

No. 2 B One-third larger capacity than No. 1 B, \$43.00.



THE STANDARD IMPROVED SEED CLEANER

"Runs Light and Cleans Right" Each Cleaner Fully Guaranteed



If Every Farmer Used a Standard Cleaner to grade and clean his seed grain, and thus plant good fertile seed possessing the vitality which would cause it to germinate together, grow together and mature together, the agricultural wealth of this country would be increased by millions of dollars each year. There is no more important duty associated with farm management than the planting of good, uniform, clean seed.

Ten Reasons Why You Should Buy a Standard Cleaner.

1st. Because it will separate any kind of foreign substance from all kinds of grain or seed.

2nd. Because it is equipped with a number of patented improvements not found on other machines.

3rd. Because it is very convenient to operate.

4th. Because it requires very little power.

5th. Because it requires a minimum amount of space to

store it and one machine will answer for all purposes.

6th. Because it is light to handle.

7th. Because it will clean with greater capacity than other makes of machines.

8th. Because the feed hopper is low and very convenient to fill.

9th. Because like begets like in grain and seeds, as well as fruit and live stock.

10th. Because it is highly important that you sow only clean, pure seed if you expect good results.

The Standard Bagger Attachment

As the illustration shows, is a very great saver of time in cleaning. The elevator is driven from the shaker shaft, the switch being arranged for holding two bags, and by simply moving the lever the delivery of the seed is diverted from one to the other. The Bagger is fully guaranteed to give satisfaction.

The No. 102 Standard Cleaner

The No. 102 is our Standard Farm size cleaner and is the most perfect cleaner produced for the proper cleaning of any or all kinds of grains or seeds. We especially recommend its use for cleaning buckhorn and plantain from clover, cockle from wheat and especially for grading seed corn, when fitted with proper screens. This machine also is equipped with the Automatic Vibrators for keeping the screens clean. The construction is such that there is a steady end motion to the shoe to which is bolted the pitman, which in turn is bolted to the eccentric on the shaker shaft, making the action positive with the turning of the crank. It is equipped with cone pulleys on the drive and fan shafts, also power pulley and has a separate straw spout, screening spout and grain box. Regularly equipped with 8 screens for grain and seed.

Dimensions—Height, 44 inches. Length, 58 inches. Width, 31 inches. Shipping weight, 184 pounds. Price, complete with Bagger, ready for shipment, \$50.00.

The No. 110 Standard Cleaner

The No. 110 is a very convenient machine for the large or western farmer or for a small seed or grain house, being equipped with 8 screens for different kinds of seed and fitted with power pulley. The machine is equipped with Standard Automatic Vibrators underneath each screen to which cross arms are attached, and by a simple adjustment may be made to tap the underside of the screen rails from 700 to 800 times per minute, when the machine is in motion, thereby eliminating the clogging of the screen and greatly increasing the capacity.

THE STANDARD BLAST REGULATOR is a valve or gate within the drum, which is controlled by a knob and ratchet at the side of the machine, making it possible to have complete control of the blast at all times, and for this reason is especially adapted to the cleaning of fine seeds with a capacity of from 15 to 20 bu. per hour on small seeds and other seeds in proportion. Regularly equipped with 8 screens for seed and grains.

Dimensions—Height, 44 inches. Length, 58 inches. Width, 36½ inches. Shipping weight, 240 pounds. Price, complete with Bagger, ready for shipment, \$60.00.

GARDEN TOOLS AND SEED SOWERS

The Cyclone Broadcast Seeder

Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizers—a Cyclone will pay for itself in three hours work! Because its absolutely even distribution will make three bushels do the work of four.

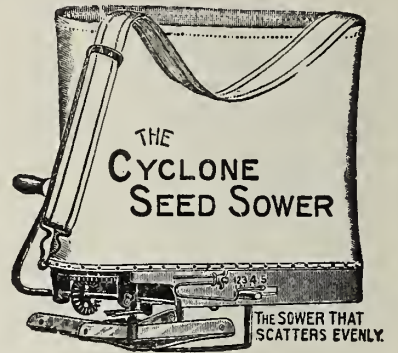
The Parts that do the Business

1. **Slope Feed Board**—A very important feature, found only in the Cyclone. Keeps the hopper properly filled without tilting the machine. Insures a uniform flow and affords a great convenience to the operator in carrying the Seeder.

2. **Automatic Feed Adjustment**—Gives positive Force Feed throughout. Quickly adjusted for different seeds. Flow can be started or stopped instantly by a touch of a lever. Can't clog or "rush." No waste of seed.

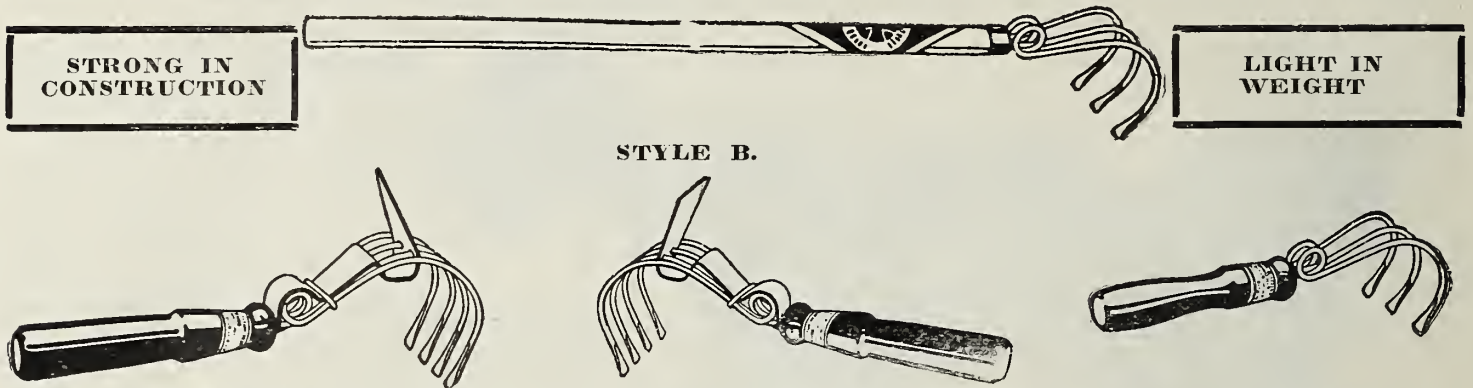
3. **Distributing Wheel**—Scatters seed evenly. Throws equal amounts to equal distances on each side of operator. Made of solid tin—with no soldered joints.

Low Priced—But Guaranteed Absolutely. Price, each, \$2.00; postpaid, \$2.15.



Combination Spring-tooth Magic Weeder Hoes

DON'T THEY LOOK MIGHTY GOOD TO YOU? They are the King of all small Garden Tools, and actually turn work into pleasure.



STYLE B.

STYLE E.

STYLE D.

STYLE A.

The Tines are formed to enter the ground on the order of a plow, lifting and pulverizing the soil, loosening and rendering friable, thus subserving moisture, so essential to the rapid growth of young plants. The Tines are formed of the very best steel that can be obtained for the purpose. They are provided with an oblique coil near the shank, thus acting independently of the others and making it work very easily, obviating all danger of clogging and breaking. The Handles, which are thoroughly selected, strong, straight-grained stock, are guaranteed not to loosen from the twisted shank, which thoroughly grips the handle like a vise.

Style	Length of Handle	Full Length	Blade	Price Each	Postpaid
A	5 1/2 inches	9 1/4 inches	No Blade	25c	30c
B	18 inches	22 inches	No Blade	30c	35c
D	6 inches	11 1/4 inches	With Blade	50c	55c
E	6 inches	11 1/4 inches	With Blade	50c	55c

"Norcross" Cultivator---Hoes and Weeders

Will cultivate closer to plants without injuring them, than any other type of implement known, leaving the soil level, loose and untrampled. The sharp, tapering shovels enter the ground easily and are so arranged one with another, as to literally tear up every inch of the soil from one to five inches deep, as required. Detachable steel prongs, malleable head, extra high grade handles. Finely finished throughout. Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

Three Sizes and Prices

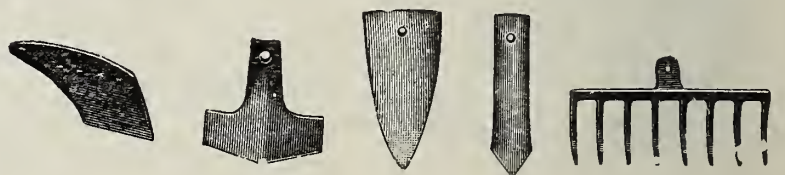
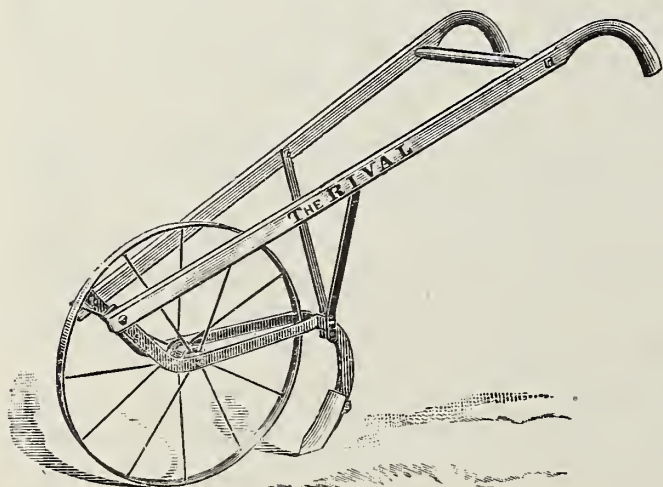
5-prong, 4 ft. handle, wt. 3 lbs.....	\$1.25; postpaid, \$1.40
3-prong, 4 ft. handle, wt. 2 lbs.	\$1.00.....
"Midget," 9-inch handle, wt. 12 oz. ....	.45c Midget by Parcel Post prepaid for.....

Postpaid, \$1.15
.....55c



The Rival Garden Cultivator

It is safe to say there is no similar tool made that in ease of operation, high grade material, and fine finish, will equal the "Rival." The Beam is made of very stiff steel and is constructed so that when the handles are attached the center of weight falls directly over the pivoting points which forms the axle for wheels, making itself balancing, and which admits of its being propelled with a minimum of power. Handles can be raised and lowered to suit man or boy. The different extras used on the "Rival" are Shovel, Calf Tongue, Weeder, Mold-board and Rake. Wheel is 24 inches in height. Complete, with five tools as shown, \$4.50.



PLANET JR. GARDEN TOOLS

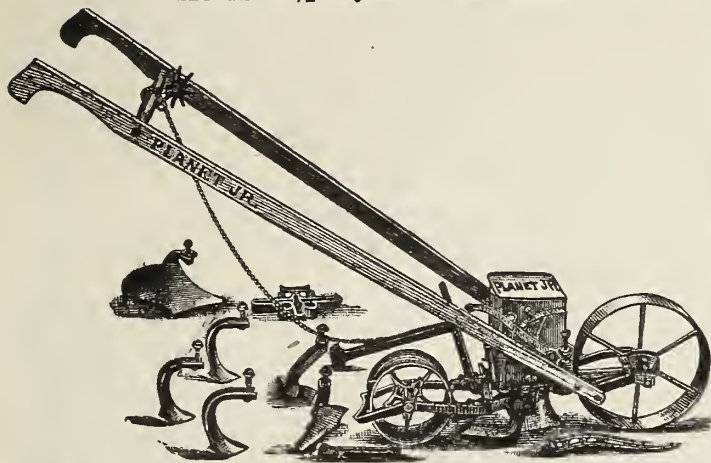
Send for 72 Page Planet, Jr., Catalogue.

Look beyond the first cost. Planet Jr., tools are made better, last longer, and do more thorough work; save time, lighten labor, and get bigger crops. They are the tools for real economy. Fully guaranteed.

No. 4 PLANET Jr.

Combined Hill and Drill Seeder Wheel Hoe, Cultivator and Plow.

Price \$19.00. As a Seeder only (No. 4D) \$15.00.
Holds 2½ Quarts of Seed.



This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed wasted. By removing the seeder parts and substituting the tool frame you have a first-class single wheel hoe with a set of specially hardened steel tools, the best made for hoeing, plowing, cultivating, opening furrows, hilling, etc. Makes the care of a garden a pleasure as well as very profitable. Can be used successfully by men, women or growing boys. Pays for itself in a season and will last for years. Thousands have been sold in this and in many foreign countries.

No. 3 PLANET Jr.

HILL AND DRILL SEEDER
PRICE \$18.00

Holds 3 quarts of seed. A favorite among onion growers, market gardeners and seedmen. Sows accurately in a narrow line, making wheel-hoe cultivation easy.

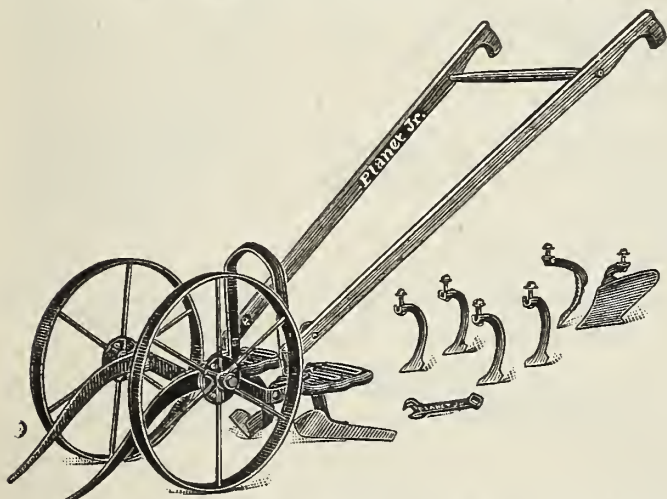
The No. 3 Planet, Jr., Hill and Drill Seeder is one of the best of the entire line. You will make no mistake by buying this combined tool.

No. 12

Combined Double and Single Wheel Hoe, Cultivator and Plow.

PRICE \$13.50

Steel Frame 14-inch Steel Wheels.



A double and single wheel hoe in one. 14-inch steel wheels for 1920. Straddles crops till 20 inches high, then can be worked between rows with one or two wheels.

The hoes are wonderful weed killers and leave the ground almost level. The cultivator teeth are of improved design and admirable for deep work. The plows are invaluable for opening furrows for manure, etc., for covering and for plowing to or from the crop. The leaf lifters enable close work when plants are large or leaves are flat on the ground. The greatest hand cultivating tool made. All steels are now hardened by a new process, giving longer wearing and easier running tools.

No. 25 PLANET Jr.

Combined Hill and Drill Seeder, Double and Single Weed Hoe, Cultivator and Plow

Price \$22.50. Holds 2½ Quarts of Seed.



This combination is intended for gardeners who have a large enough acreage in crops for a double wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately; and for the family garden where a double wheel hoe is preferred.

As a seeder, it is practically the same as the Planet, Jr., No. 4, and as a wheel hoe, has the same steel frames and cultivating attachments as the Planet, Jr., No. 12 Double Wheel Hoe.

Two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

No. 31 PLANET Jr.

PRICE, COMPLETE, \$12.50

Combined Drill Seeder and Single Wheel Hoe.

Packed Weight, 30 lbs.

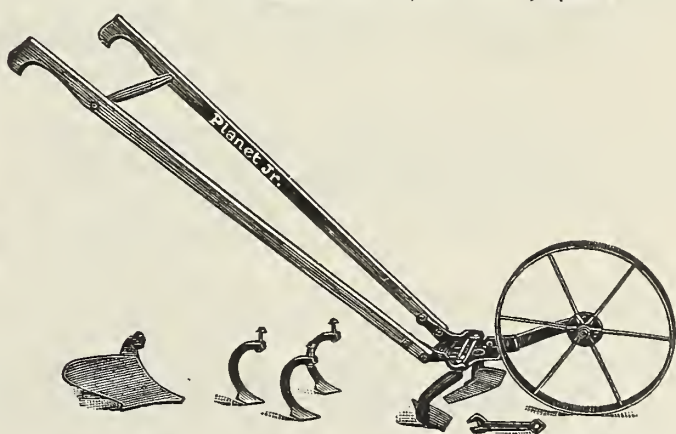
No. 31D, as a Drill Seeder Only, \$10.00.

No. 33 (The No. 31 without Seeder), price, \$6.00

This combined tool is of great value to thousands of gardeners who have never felt able to own either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision in a narrow row from ¼ to 2 inches deep. Quickly changed to a splendid wheel hoe. A special machine for the small gardener at a price he can afford to pay.

No. 17 PLANET Jr.

SINGLE WHEEL HOE, PRICE, \$9.00



These Single Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without moving nuts.

All attachments are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil tempered and specially hardened, finely formed, finished and polished and work to a charm. Everyone who cultivates needs one.

BEE SUPPLIES

We make a specialty of the best Bee Keeper Supplies. We personally guarantee all Hives and Supplies described and if not exactly as represented when received, you may return them and we will gladly refund your money and pay transportation both ways. Prices quoted are at Buyer's Expense, unless otherwise stated.

DOVE TAILED HIVES

No. 1. Dovetailed hive (like cut) for comb honey, 8 frames complete, a 1½ story hive for comb honey, it includes bottom board; a body with eight improved Hoffman frames; follower board; one super with a follower and two wedges; 6 section holders with wood separators, sections foundation starters for sections, covers and nails for nailing hives and trimmings. Shallow extracting frames can also be used in this hive if you prefer them. This hive is more universally used than any other. You will find it to be first class in every particular. Priced below under No. 1, 8 or 10-frame hives.

CONTENTS OF HIVES

Except no division board in 10-frame hives.

No. 1A is a one-story hive, consisting of a bottom board, one body with frames, division board and cover, without comb foundation starters, with nails

No. 1 hive is a one and one-half story hive, complete for comb honey. It consists of a bottom board, a body with improved Hoffman frames, division board, one super, with follower and two spring, section holders, with wood separators, sections, foundation starters for sections, cover and nails for nailing up the hive complete. No foundation starters for frames.

No. 1E hive consists of a bottom board, one body with frames, and division board, one super with springs, follower, section

holders and separators, with cover and nails, but no foundation starters or sections.

No. 5 is a two-story hive for extracted honey, and includes bottom and cover, two bodies with improved Hoffman frames, two follower boards and nails for nailing hives.

EIGHT-FRAME HIVES

Inside Measure, 18¼x12½x9½ Inches

	Knocked Down	In Flat	1	5	10
No. 1A 1-story hive, no foundation starter, no division boards	\$ 3.25	\$ 2.90	\$13.75	\$26.50	
No. 1E, 1½ story, without sections and starters	4.00	3.65	17.50	34.00	
No. 1, 1½ story, with sections and 1-inch starter for section	4.50	4.15	19.75	38.50	
No. 5, 2-story, for extracting, with frames and division boards	4.75	4.40	21.00	41.00	

PARTS FOR EIGHT-FRAME HIVES

Bottom Boards, ⅜ bee space	.65	.55	2.65	5.00	
Covers	.80	.75	3.50	6.75	
Body empty, with metal frame rests and nails	1.90	.85	4.00	7.75	
Shallow super, empty, with flat tins	.60	.55	2.50	4.75	
No. 1E, shallow super, with section holders and separators, no starters	1.00	.90	4.25	8.25	
No. 1, shallow super, section holders, separators, sections, 1 inch starters	1.50	1.40	6.75	13.00	

TEN FRAME HIVES

Inside Measure, 18¼x14¼x9½ Inches

No. 1A, 1-story hive, no foundation starter	3.50	3.15	15.00	29.00	
No. 1E, 1½-story, without sections and starters	4.25	3.95	19.00	35.00	
No. 1, 1½-story, with sections and 1-inch starter for sections	5.00	4.65	22.25	43.50	
No. 5, 2-story, for extracting, with frames, no division boards	5.00	4.65	22.25	43.50	

PARTS OF TEN-FRAME HIVES

Bottom boards, ⅜ bee space	.75	.65	3.00	5.75	
Covers	.90	.80	3.75	7.25	
Body empty, with metal frame rests	1.10	1.00	4.75	9.25	
Shallow super, empty, with flat tins	.50	.45	2.15	4.25	
No. 1E, shallow super, with section holders and separators, no starters	1.10	1.00	4.75	9.25	
No. 1, shallow super, section holders, separators, section and starters	1.75	1.65	8.00	15.75	

TELESCOPE HIVES

EIGHT-FRAME SIZE
No division boards included

	Knocked Down	In Flat	1	3	6
No. 1A, 1-story hive, no found, starters, no division boards	\$ 4.00	\$ 3.75	\$10.75	\$21.00	
No. 1E, 1½-story, no section or foundation starters	4.75	4.50	13.00	25.00	
No. 1, 1½-story, with section and 1-inch starter for Section	5.50	5.25	15.00	29.50	
No. 5, 2-story with brood Frames for extracting, no found	5.50	5.25	15.00	29.50	

SECTION HONEY BOXES

A section honey box is a strip of wood with three V-shaped grooves cut at right angles across the section on one side. These grooves are cut at the proper distances apart so when the strip is folded up it will form sides and ends of a box, of length desired. For instance to make a section 4¼x4¼, the grooves would be cut at such distances as to divide the strip into four equal parts. These strips are dovetailed on the end; hence, these boxes can be folded and the two ends being dovetailed together, it requires no nails or glue to hold them in place.

Van Deusen Wax-Tube Fastener

Very handy for fastening foundation to plain top-bars or full sheets of foundation cut to fit the section exactly. It will feed a fine stream of hot wax between the foundation edge and the wood cementing them together. Each 30c. By mail, postpaid, 35c.



IXL QUALITY

Prices on Beeway sections, 4¼x4¼x1½:

100	\$ 1.50
250	\$ 3.50
500	\$ 6.00
1000	\$11.00

Add 15c per 100 extra for postage and packing.
Plain or no Beeway Section 4¼x4¼x1½, 25c per thousand, less. Weight of 100 sections, 6 lbs.

Tinned Wire

No. 30 tinned wire is the most suitable wire for frames. We keep it on spools as listed.

Sizes furnished: ¾-oz. spools, each 12c; ¼-lb. spools, each 25c; ½-lb. spools, each 40c; 1-lb. spools, each 55c. Postage, 6 cents per lb. extra.

BEE SUPPLIES, Continued

Comb Foundation

Our Comb Foundation is made of Pure Beeswax by the Latest Process and is indispensable as a guide and a base on which bees build their comb.

Fasten a strip of comb foundation to the center at top of a frame or section box, even though it be but half an inch in width the bees will follow it, and build their comb just where it should be. Hence you have control over the comb building. Medium brood foundation is to be used in the brood frames while the thin super is for the section honey boxes. In ordering give grade and price.

Medium Brood, size $7\frac{1}{8} \times 16\frac{3}{4}$, 8 sheets per lb. Price per lb., \$1.60; 5 lbs., at 95c; 10 lbs., at 90c.

Thin Super size $3\frac{7}{8} \times 16\frac{3}{4}$ 27 sheets per lb. Price per lb., \$1.10; 5 lbs., at \$1.05; 10 lbs., at \$1.00. Add 10 cents per pound extra for postage and packing.

The Hoffman Frames

The Hoffman frame is the standard frame in general use. The end bars are widened so as to make it self-spacing. The wide thick top bars prevent sagging and to a large extent the building of brace combs between the top bars and supers. The top bars have a double groove and wedge for fastening comb foundation to them.

The wide portion of the end bar on our Hoffman frames have one V-edge unless they are ordered with both edges square. The end bars are $\frac{3}{8}$ -inch thick and bored for wire. Each 10c; 10 for 95c; 50 for \$4.50; 100 for \$8.50.

Shallow Extracting Frames

These are to be used in place of section boxes in the super for extracting honey. 10 for 70c; 100 for \$6.50.

Section Holders

Section Holder, $1\frac{1}{8}$ inches wide slotted, in flat, 10 for 75c; 100 for \$6.00.

Plain Section Holders, for $4\frac{1}{4} \times 1\frac{1}{2}$ inch section in flat, 10 for 70c; 100 for \$5.50.

Parker's Foundation Fasteners

For putting comb foundation in sections. Any one with a little practice can put in 500 starters an hour with them. Price 40c each; by mail, postpaid, 45c.

Honey Boards

These are for the purpose of keeping the queen out of the upper story; being perforated with holes just the right size to admit the worker bees while the queen is kept below in the brood chamber where she properly belongs.

Wood Bound Zinc, Ten-Frame; each 55c; 10 for \$4.75.

Wood Bound Zinc, Ten-Frame; each 55c; 10 for \$5.25.

Bee Entrance Guards

Eight and Ten Frame

Please specify which is wanted. Each 30c; 10 for \$2.75.

Wood Separators

Slotted Wood Separators, $4\frac{1}{2} \times 18\frac{1}{8}$ inches in flat, 10 for 30c; 100 for \$2.50.

Drone and Queen Trap

The latest Ally Drone and Queen Trap is quite an improvement over the old style and designed to automatically catch and cage the drones. They are also valuable during the swarming season to catch and hold the Queen until the apiarist can give her attention; thus in most cases preventing the swarm from leaving or settling in some inaccessible place. Each 65c; 10 for \$5.75. Add 6c each for postage.

Globe Bee Veil

No trouble to put on or take off; perfect protection; we know of nothing better.

By mail, postpaid, \$1.60.

Silk Faced Veil

A veil to cover the face and protect it from stings for the amateur beekeeper is a necessity, and very convenient for the professional. The cotton tulle veil with silk face, fits any hat. Price, postpaid, \$1.25.

Bee Gloves

Extra heavy cotton with long sleeves reaching over the elbows and with fingers. Postpaid, pair, \$1.10.

Porter Bee Escapes

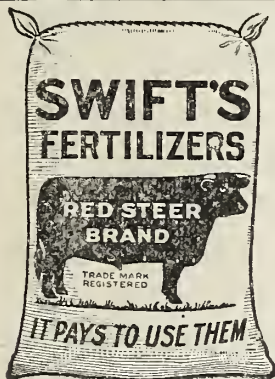
Porter Bee Escapes, to clear the supers of bees. Saves time and bee stings.

Price with board, 60c; postpaid, 70c.

The Higginsville Smoker



This is a hot blast smoker and has a $3\frac{1}{4}$ inch fire box, and the nozzle is detachable to admit of filling or cleaning. We believe it has as strong a blast as any smoker made. A bar of folded tin running parallel with a bellows protects the hand from coming in contact with the hot fire box. Price, each \$1.00. Postage, 10c extra.



You Can Make More Than 100% Profit

on the money invested in almost ANY high grade fertilizer, but by using

SWIFT'S FERTILIZERS

A Still Greater Profit Will Be Made

Many farmers say that Swift's Fertilizers produce one to three bushels more corn per acre than any other brand.

Buy Swift's Fertilizers—Make the Most Net Profit

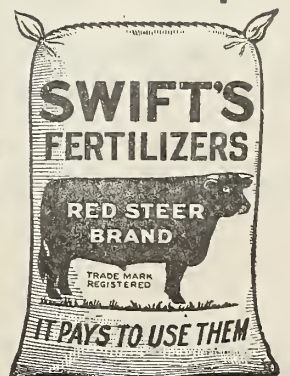
SOIL BUILDERS

BEST CROP PRODUCERS

SWIFT'S BLOOD AND BONE FERTILIZERS

FOR SALE BY

TUCKER SEED HOUSE
CARTHAGE MO.



PLEASE WRITE FOR PRICES

FLOWER POTS

We carry a large stock of Flower Pots and Stoneware and are in a position to give your orders prompt attention and save you some money. All prices quoted are at Buyer's Expense for transportation. We pack and deliver free to the Express or Freight offices.

Pots Only				Pots and Saucers			
	Each	Dozen	Hundred		Each	Dozen	Hundred
4 inch	\$.04	\$.45	\$ 3.25	4 inch	\$.06	\$.65	\$ 4.50
5 inch	.08	.90	5.00	5 inch	.10	1.10	7.00
6 inch	.12	1.40	8.50	6 inch	.15	1.65	12.00
7 inch	.16	1.75	12.00	7 inch	.20	2.20	16.00
8 inch	.24	2.75	16.00	8 inch	.30	3.35	23.00
9 inch	.32	4.00	23.00	9 inch	.40	4.40	30.00
10 inch	.45	6.00	40.00	10 inch	.60	6.75	50.00
12 inch	.70	8.00	55.00	12 inch	.85	9.50	75.00

Azalea Pots and Fern Pans Same Price as Above.

Earthen Hanging Baskets, with Wire Chains for hanging them up, 10 inch, each 75c; 12-inch, \$1.00.

Wire Hanging Baskets, with Chains, 10-inch 40c; 12-inch 50c.

WRITE FOR SPECIAL PRICES ON STONEWARE. WE CARRY A COMPLETE LINE AND WILL GIVE YOUR ORDERS PROMPT ATTENTION.

A Final Personal Word

This page is the last one in our 1920 Seed Annual. We sincerely hope that our efforts in producing this book, meet with your approval. We have tried to give honest descriptions and we know that the Seeds we are going to supply you, will give you satisfaction. You know **GOOD SEEDS ARE AN INVESTMENT, NOT AN EXPENSE, AND GOOD SEEDS WILL PAY BIG DIVIDENDS.**

You can feel as free to buy from this catalogue, as you would if you visited our store. We would like to meet all of you personally, but we know that you cannot all come, but we can and will give you the same prompt and courteous service through our mail order department, that you would receive from a personal visit.

If you are already a customer, you know just what results our Quality Seeds will give. If you have never ordered from us, you need not hesitate, as we are absolutely responsible and will send you seed that will make your Garden a Success.

Now a final word about prices. You know the present market conditions, under which we are all living. It is impossible to hardly tell a day ahead, the price which we may have to pay for some commodity of which we may be in need. We have endeavored to give ruling market prices in this catalogue, at the time it is issued, but even now we find a great many changes. If you do not order at once, especially on Grass, Clovers, and Field Seeds, we suggest that you write us for samples and firm quotations, when ready to buy.

Your interests are ours and you may rest assured that we will always quote the lowest prices consistent with first Quality Seeds.

Thanking you in advance for any and all favors, you may extend us, and wishing one and all a prosperous 1920 Season.

Yours very truly,

TUCKERS' SEED HOUSE,
EARL J. TUCKER, Manager.

GENERAL INDEX

VEGETABLES	Tobacco .....26	Amaranthus .....45	Cypress Vine .....51
Page	Vegetable Plants ....29	Balsam .....45	Cobea Scandens .....51
Asparagus 2	GRASS, FARM AND	Carnation .....45	Balsam Apple .....51
Borecole or Kale..... 2	FIELD SEEDS	Castor Bean .....45	Balsam Pear .....51
Brussels Sprouts 2	Alfalfa .....36	Calliopsis .....45	Dolichos .....51
Beans, Bush .....3-4	Bermuda Grass .....38	Cockscomb .....45	Scarlet Runner Bean 51
Beans Lima, Bush... 4	Broom Corn .....43	Calendula .....45	Gourds .....51
Beans, Pole 5	Buckwheat .....41	Campanula .....45	Moon Flower .....51
Beans, Field 5	Canada Field Peas...40	Bachelor Button .....15	Madeira Vine .....51
Beans, Lima Pole ... 6	Clovers .....35-37	Chrysanthemum .....45	Wild Cucumber .....51
Beets 6	Cow Peas .....40	Coleus .....45	
Beets, Stock 7	Cane Seed .....42	Cosmos .....45	SUMMER FLOWERING
Cabbage .....8-9	English Blue Grass..37	Candytuft .....45	BULBS
Cauliflower .....10	English or Perennial	Canna Seed .....45	Caladium .....52
Collards 9	-Rye Grass .....38	Dahlia Seed .....46	Gladioli .....51
Celery .....10	Feterita .....43	Dianthus Pinks .....46	Tuberose .....51
Carrots 7	Flax Seed .....41	Daisy .....46	Canna .....52
Carrots, Stock 7	Grass Mixture ....39-40	Escholtzia .....46	Dahlias .....52
Cucumber .....10-11	Italian Rye Grass ...38	Everlastings .....46	
Corn, Sweet .....11-12	Kentucky Blue Grass 38	Fox Gloves .....46	POULTRY SUPPLIES
Egg Plant .....13	Kaffir Corn .....43	Four O'Clocks .....46	Reliable Standard Incu-
Endive .....13	Lawn Grass .....38	Gaillardia .....46	bators and Hovers
Horse Radish .....15	Milo Maize .....43	Geranium .....46	.....54-55
Herbs .....15	Millets .....42	Hollyhock .....47	Queen Incubators and
Kohl Rabi .....13	Oats Seed .....42	Heliotrope .....46	Brooders .....56
Leek .....13	Orchard Grass .....37	Kochia .....47	Incubator and Brood-
Lettuce .....14	Peanuts .....27	Lantana .....47	er Supplies .....55
Melons, Musk .....15-16	Pop Corn .....33	Larkspur .....47	Tuckers' Special Chick
Melons Water ....16-17	Rape Seed .....39	Lobelia .....47	Feed .....53
Mustard .....15	Red Top .....37	Marigold .....47	Tuckers' Special
Onions .....18	Seed Corn .....30-33	Mignonette .....47	Scratch Feed .....53
Onions, Sets .....18	Sudan Grass .....39	Myosotis .....47	Tuckers' Special Lay-
Okra .....13	Shallu .....43	Nasturtiums .....48	ing Mash .....53
Potatoes, Irish .....28	Sunflower .....29	Pansy .....49	Poultry Foods .....57
Potatoes, Sweet .....29	Soja Beans .....41	Petunia .....49	Egg Boxes .....57
Peas .....20-21	Tall Meadow Oat	Portulacca .....48	Poultry Remedies 58-59
Peppers .....19	Grass .....33	Poppies .....48	Poultry Supplies ....58
Parsley .....19	Timothy .....36	Phlox .....49	
Parsnip .....19	Teosinte .....41	Stocks .....48	MISCELLANEOUS
Pumpkin .....22	Timothy and Alsylke	Sweet Williams .....48	Bird Seed .....59
Radish .....22-23	Clover Mixed .....35	Sweet Violet .....48	Spray Pumps .....60
Rhubarb .....15	FLOWER SEEDS	Salvia .....48	Spray Materials .....62
Salsify .....21	Alyssum .....44	Zinnia .....48	Clipper Fan Mills ..63
Squash .....24	Asters .....44	Wildflower Garden .47	Garden Implements64-65
Spinach .....24	Antirrhinum .....45	Sunflower .....48	Bee Supplies .....66-67
Tomato .....25-26	Ageratum .....45	Sweet Peas .....50	Blatchford's Calf and
Turnip .....27		Verbena .....47	Rabbit Meal .....59
		Morning Glory .....51	Flower Pots and
			Stoneware .....68

PARCEL POST INFORMATION

Your Postmaster or Rural Carrier Will Tell You the Parcel Post Zone in Which Your Postoffice is Located, Measuring from Carthage

This table tells your postage required on any Parcel Post package for any distance.	Weight of package.	Local Zone	1st Zone	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone
		City of Carth., Mo. Its rural routes	Not over 50 Miles from Carthage	50-150 Miles from Carthage	151-300 Miles from Carthage	301-600 Miles from Carthage	601-1000 Miles from Carthage	1001-1400 Miles from Carthage	1401-1800 Miles from Carthage
Over 8 oz. up to 1 lb.....	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	
Over 1 lb. up to 2 lbs.....	.06	.06	.06	.08	.11	.14	.17	.21	
Over 2 lbs. up to 3 lbs.....	.06	.07	.07	.19	.15	.20	.25	.31	
Over 3 lbs. up to 4 lbs.....	.07	.08	.08	.12	.19	.26	.33	.41	
Over 4 lbs. up to 5 lbs.....	.07	.09	.09	.14	.23	.32	.41	.51	
Over 5 lbs. up to 6 lbs.....	.08	.10	.10	.16	.27	.38	.49	.61	
Over 6 lbs. up to 7 lbs.....	.08	.11	.11	.18	.31	.44	.57	.71	
Over 7 lbs. up to 8 lbs.....	.09	.12	.12	.20	.35	.50	.65	.81	
Over 8 lbs. up to 9 lbs.....	.09	.13	.13	.22	.39	.56	.73	.91	
Over 9 lbs. up to 10 lbs.....	.10	.14	.14	.24	.43	.62	.81	1.01	
Over 10 lbs. up to 11 lbs.....	.10	.15	.15	.26	.47	.68	.89	1.11	
Over 11 lbs. up to 12 lbs.....	.11	.16	.16	.28	.51	.74	.97	1.21	
Over 12 lbs. up to 13 lbs.....	.11	.17	.17	.30	.55	.80	1.05	1.31	
Over 13 lbs. up to 14 lbs.....	.12	.18	.18	.32	.59	.86	1.13	1.41	
Over 14 lbs. up to 15 lbs.....	.12	.19	.19	.34	.63	.92	1.21	1.51	
Over 15 lbs. up to 16 lbs.....	.13	.20	.20	.36	.67	.98	1.29	1.61	
Over 16 lbs. up to 17 lbs.....	.13	.21	.21	.38	.71	1.04	1.37	1.71	
Over 17 lbs. up to 18 lbs.....	.14	.22	.22	.40	.75	1.10	1.45	1.81	
Over 18 lbs. up to 19 lbs.....	.14	.23	.23	.42	.79	1.16	1.53	1.91	
Over 19 lbs. up to 20 lbs.....	.15	.24	.24	.44	.83	1.22	1.61	2.01	
Over 20 lbs. up to 21 lbs.....	.15	.25	.25						
Over 21 lbs. up to 22 lbs.....	.16	.26	.26						
Over 22 lbs. up to 23 lbs.....	.16	.27	.27						
Over 23 lbs. up to 24 lbs.....	.17	.28	.28						
Over 24 lbs. up to 25 lbs.....	.17	.29	.29						
Over 25 lbs. up to 26 lbs.....	.18	.30	.30						
Over 26 lbs. up to 27 lbs.....	.18	.31	.31						
Over 27 lbs. up to 28 lbs.....	.19	.32	.32						
Over 28 lbs. up to 29 lbs.....	.19	.33	.33						
Over 29 lbs. up to 30 lbs.....	.20	.34	.34						

If seeds and supplies are wanted by express or freight at customers' expense, deduct 5 cents per pound and 10c per quart from Postpaid prices in catalogue.

WEIGHT LIMIT

If seeds and supplies are wanted by Parcel Post packages will be delivered weighing up to 50 pounds. In the third to eighth zones the weight limit is 20 pounds.



**Seeds
of
Quality**



Tuckers' Seed House

CARTHAGE, - - MISSOURI