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TEXSEED BRAND SEEDS
BEST FOR THE SOUTH AND SOUTHWEST
Catalogue of 1918

PLANT
TEXSEED BRAND SEEDS AND PROSPER

"Texseed"
Parkers Triumph
Tomato -
Package - 25¢
Read full description on page 36

OLDEST AND LARGEST SEED HOUSE IN THE SOUTHWEST.
THE TEXAS SEED & FLORAL CO.
DALLAS, TEXAS.
You will find all reliable varieties of Cotton and Corn fully described in the "Field Seed" section of this catalog.
Application for Domestic Money Order

Spaces below to be filled in by purchaser, or, if necessary, by another person for him

Amount


Pay to | THE TEXAS SEED & FLORAL CO.

Whose Address Is | Lamar and Caruth Streets

Post Office | DALLAS,

State | TEXAS

Sent by | (Name of sender)

Address of sender | No. Street

PURCHASER MUST SEND ORDER AND COUPON TO PAYEE
Fees for Money Orders drawn on Domestic Form

Payable in the United States (which includes Guam, Hawaii, Porto Rico and Tutuila, Samoa); or payable in Bermuda, British Guiana, British Honduras, Canada, Canal Zone (Isthmus of Panama), Cuba, Newfoundland, at the United States Postal Agency at Shanghai (China), in the Philippine Islands, or the following islands in the West Indies: Antigua, Bahamas, Barbados, Dominica, Grenada, Jamaica, Martinique, Montserrat, Nevis, St. Kitts, St. Lucia, St. Vincent, Trinidad and Tobago, and Virgin Islands.

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<th>For Orders From</th>
<th>$ 0.01 to $ 2.50</th>
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Memoranda of Issuing Postmaster:

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Note.—The maximum amount for which a single Money Order may be issued is $100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day.

Applications must be preserved at the office of issue for three years from date of issue.

(Edition Feb., 1915.)
SPECIAL PRICES

You are entitled to the lowest prices when you buy large quantities of seeds, plants or Poultry Supplies; in fact, anything that we handle, and for this reason we have a special department to quote you special prices on large quantities, besides, we will give you the freight or express rates in order that you will know exactly what your goods will cost you delivered. For your convenience, we have enclosed this special quotation sheet, and if you will send us a list on the back of this page, we will make you our best prices on your wants and tell you what the freight or express will be. Please do not ask us for special prices on seeds in packets, ounces and quarter pounds; on small amounts of field seeds, plants and bulbs or special collection as the prices listed in this catalog are the best that we can make on small quantities.

Prices for 1918

Conditions are most discouraging to the seed dealer as well as the planter for the Spring season of 1918. We learn from our growers that a "short crop" exists on practically all varieties and in many cases are absolute failures. We are still in the game and are going to make every effort to secure a stock of all items listed in our catalog—at this time we will state that our stocks are more complete and in better shape than most seed houses of the United States. Seeds of quality are scarce—shortage of labor and exceedingly high cost of same means but one thing, "HIGHER PRICES."

In view of the above conditions we are going to make every effort possible to give our customers "SEEDS OF QUALITY" only—that have been tested in our own Laboratory and at prices that will prove most reasonable—considering conditions.

Market Gardener Prices

We no longer issue a Market Gardener price list for we believe that Market Gardeners are entitled to even lower prices than we formerly quoted in our Market Gardener list when buying in large quantities. We invite you to send us a list of your wants. Please remember that Texseed Brand Seed are not cheap but are the highest quality.

Prices on Field Seeds

The market changes very rapidly on Field Seeds, and at this time we are unable to quote prices in our catalog. During April, May and June of last year, field seeds of some varieties advanced as much as 50 cents per hundred pounds in less than 24 hours. We found it necessary to make all quotations "subject to immediate acceptance only," and in a great many cases we asked for acceptance by wire. Use this sheet in requesting "Prices on Field Seeds" and we will quote you our very lowest prices.

Northern Grown Seed

A good many planters think that because we are a southern seed house our seeds are all grown in the south, and, therefore, are not the earliest, and that they should plant northern grown seed. This is a wrong idea. There isn't a seed house that actually grows all the seed that they sell. We have our seed grown in climates where they grow to their fullest development. This applies only to garden seed, as all of our Field Seeds are southern acclimated seed, but there are so many varieties of vegetable seeds that will not make seeds in our hot climate and give satisfaction. Besides, we use our test farm to actually grow all different varieties of garden seed to be sure that they will give satisfaction, and we never offer our, trade a variety of seed unless we know that it will grow in this southwestern climate. Many varieties of vegetables that are highly recommended by northern houses would be a failure in this climate.

In buying TEXSEED BRAND SEEDS you are getting the very earliest producing varieties, besides they have been tried out by us, and are adapted to this climate.

BE SURE AND SEND US A LIST OF YOUR WANTS TODAY

The Texas Seed & Floral Co.
DALLAS, TEXAS
Send Me "Texseed Special Prices"

The Texas Seed & Floral Co., Dallas, Texas
Please send me your best delivered prices on the following list:

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>VARIETY</th>
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Be sure and fill in blank spaces below

Name.................................................................
P. O..............................................................
State.............................................................R. F. D..................................Box..............................

I receive my freight from the..............................................Railroad
My nearest Freight Office is..............................
My Express Office is.................................
The Texas Seed & Floral Company, Dallas, Texas

POINTER AND SUGGESTIONS ON ORDERING

Our prices in this catalog include delivery charges on all seeds, except where they are quoted in five-pound lots and over, and in pecks, half bushels and bushels. These do not include mail or express charges, and if you wish them to be sent by express you can determine the amount of postage, and same can be remitted when ordering. ALL ORDERS FOR PLANTS ARE SENT SEPARATE FROM SEED DIRECT FROM OUR GREENHOUSES.

Parcel Post Rates on Seeds From Dallas, Texas

All Seeds and Plants Shipped by Mail Take Parcel Post Rates

Your Postmaster will be able to tell you the Parcel Post Zone in which your post office is located, measuring from Dallas, Tex.

This table shows the amount of postage by parcel post, according to the weight of the package and distance by zones.

<table>
<thead>
<tr>
<th>Weight of Package</th>
<th>Amount of Postage Required</th>
<th>Zone 1 &amp; 2</th>
<th>Zone 3</th>
<th>Zone 4</th>
<th>Zone 5</th>
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<tr>
<td>Over 8 oz. up to 1 lb.</td>
<td>5c</td>
<td>6c</td>
<td>7c</td>
<td>8c</td>
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<tr>
<td>Over 1 lb. up to 3 lbs.</td>
<td>6c</td>
<td>7c</td>
<td>8c</td>
<td>9c</td>
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<tr>
<td>Over 3 lbs. up to 5 lbs.</td>
<td>8c</td>
<td>9c</td>
<td>10c</td>
<td>11c</td>
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<tr>
<td>Over 5 lbs. up to 6 lbs.</td>
<td>10c</td>
<td>11c</td>
<td>12c</td>
<td>13c</td>
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<td>Over 6 lbs. up to 10 lbs.</td>
<td>12c</td>
<td>13c</td>
<td>14c</td>
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<td>Over 10 lbs. up to 15 lbs.</td>
<td>14c</td>
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<td>16c</td>
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<td>Over 15 lbs. up to 20 lbs.</td>
<td>16c</td>
<td>17c</td>
<td>18c</td>
<td>19c</td>
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<td>Over 20 lbs. up to 25 lbs.</td>
<td>18c</td>
<td>19c</td>
<td>20c</td>
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<td>Over 25 lbs. up to 30 lbs.</td>
<td>20c</td>
<td>21c</td>
<td>22c</td>
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<td>Over 30 lbs. up to 40 lbs.</td>
<td>22c</td>
<td>23c</td>
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<td>Over 40 lbs. up to 50 lbs.</td>
<td>24c</td>
<td>25c</td>
<td>26c</td>
<td>27c</td>
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<tr>
<td>Over 50 lbs. up to 60 lbs.</td>
<td>26c</td>
<td>27c</td>
<td>28c</td>
<td>29c</td>
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<tr>
<td>Over 60 lbs.</td>
<td>28c</td>
<td>29c</td>
<td>30c</td>
<td>31c</td>
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We deliver all Plants, Roses, Shrubs and Fruit Trees (not Shade Trees) free of all charges to your city, as quoted in our catalog. We do not prepay charges on Shade Trees unless your order for Shade Trees amounts to $5.00 or over. If we prepay the charges to your station.

Plant Orders Are Sent Separate From Seed Direct From Our Greenhouse

Shipments by Express or Freight

If you order seed to be shipped by express or freight, the customer paying the charges, and you include in your order seeds that we quote postpaid, you are entitled to deduct at the rate of 10c per pound, 8c per pint, 15c per quart, from our postpaid prices.

C. O. D. by Express Mail or Freight

We do not send Goods C. O. D. Cash must accompany your order.

Order Early

It will be a great convenience both to our customers and to ourselves if orders are sent us early. We aim to fill orders the same day received, but during the rush season find this not always possible—thus the advantage in ordering early.

Prices

The prices named herein are those prevailing at the time this catalogue goes to press and are subject to market fluctuations in the production or purchase of materials and to changes in the law. We do not make up the quotations for the current season in advance of the season.

NAME, ADDRESS, ETC.

When ordering give name and full address. Many orders reach us every season in which the name or post-office address is lacking. It is, of course, impossible to fill these orders until they are identified.

How to Send Money

Money can be sent safely either by P. O. order, draft, express order or registered letter. If your order amounts to $1.00 or more it is best to send by one of the above methods. Postal stamps taken in amounts less than one dollar. Never send coin in the mail unless in registered letter.

Errors

We exercise the utmost care in filling orders, but in the rush of our busy season, errors will sometimes occur, in which case we shall appreciate being advised of the fact at once and proper correction will be promptly made. Please keep copies of your orders for comparison.

Non-Warranty Clause

The Texas Seed & Floral Company give no warranty, either expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants, the last, and will not in any way be responsible for the crops. If the purchaser does not accept the goods on such terms they are at once to be returned at their own expense and any money paid for them will be refunded. Crops are dependent on so many things besides seed, that it is impossible for us to give any guarantee. We make every effort to give you seeds that are pure, true to type and of good germination—but we have no control over the seed after leaving our house, especially when it comes to the planting and cultivation which are most important in the making of any crop. Many pounds of seeds that are not properly planted prove a total loss each season. NO RESPONSIBLE SEEDSMAN GUARANTEES THE SEED HE SELLS.

All offers and quotations are made for immediate acceptance; prices subject to change without notice and being unsold on receipt of order.

Address all Orders to THE TEXAS SEED & FLORAL CO., Dallas, Texas
Our Laboratory a Great Success

Texas has no pure seed law and it is not required of seed merchants to sell tested seed. Notwithstanding this fact, two years ago we established our laboratory in order to be able to offer to our customers, seed of the highest quality. Below is an illustration showing a corner of our Laboratory.

A Corner of Our Laboratory

Guess work and "slipshod" methods are not employed. The work is in charge of a competent seed analyst who makes both purity and germination tests of every lot of seed that is grown for us. With the aid of magnifying glasses and sensitive scales, we are able to determine the purity of our seeds. The germinators which we use are duplicates of those used in the U. S. Department of Agriculture at Washington, D. C., also the equipment used in making tests for purity. Our methods are in accordance with the rules adopted by the Association of Official Seed Analysts. Every test made is recorded, which enables us to give our customers any information they may desire regarding seed bought from us.
Texseed Brand Alfalfa

The Ordinary Kind of Alfalfa

Note the Clean Plump Seed Free of Weed Seed

Full of Weeds and Trash

Many planters do not realize the importance of good seed—tested seed. They think of the price only, not of the quality or of the crop they hope to produce. Some seed merchants know nothing of the seed they sell except the price. We want our friends and customers to realize that by planting seed of high quality, they not only improve their crops and raise more per acre, but they can keep their farm free from weeds, which is in itself a large item.

TEXSEED BRAND SEEDS are tested and are up to standard in purity and vitality and it is worth much to you to know the seed you plant are capable of producing the desired results and we feel it our duty to offer to our customers seed that will justify their patronage from year to year.

When convenient, pay our laboratory a visit and be convinced that your confidence in TEXSEED BRAND SEEDS is not misplaced. We will be glad to test for our customers, free of charge, any seed they may have on hand that is of doubtful quality.

Result of Germination Test of Our Texseed Brand Mediterranean Blue Stem Wheat and of Cucumber Seed
HELP FEED YOURSELF
Make Back Yards and Vacant Lots Productive

WORK A GARDEN—RAISE CHICKENs

GROW VEGETABLES AND FRUITS

If your soil is fertile and sunny:

Don't let your food lord. Keep it growing all season.
Don't assume that the system is too far advanced to begin garden operations. Some vegetables may be planted as early as any time until past the middle of summer.

Start new crops between the rows of others that are about to be removed.

Begin over again in late autumn and plant vegetables that mature best in cool weather, such as radishes, lettuce, spinach, kale.

Somebody Has to Raise or Pack Everything You Eat
DO YOUR SHARE!

MAKE EVERY JAR HELP FEED YOUR FAMILY

Can this year if you have never raised before. The conservation of food is a vital necessity under your conditions.

No previous experience is necessary. Planting and preserving are simple processes and may be carried out by children or adults with home methods.

DEMONSTRATE THRIFT IN YOUR HOME

Make saving, rather than spending, your social standard

U. S. DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.
Cooperating with State Agricultural Colleges
A Section of Our Office—"Where Your Orders Are Handled"

For the past five years we have received more orders than we were prepared to handle. In many instances causing dissatisfaction on the part of some of our good customers, delays in shipment of seeds, slowness of answering correspondence, etc., even though we often worked our force until midnight in an effort to give our customers service. We are, therefore, going to devote this entire page to an explanation of just what we have done in the past six months in the way of making changes for the better—

the result is, our organization is now perfect from A to Z and orders entrusted to us in the future will be shipped promptly and receive the careful attention they deserve.

We have spent considerable money in installing new equipment and systematizing our "Mail Order Department" so when we receive your order it will be handled without delay and at the same time enable us to exercise more care in its dispatch. In past seasons it required the time of four clerks to take the orders into account that we would receive in one day's time. We have had built for our own special use an improved register that will handle this same amount of work in a couple of hours' time.

Our order filling room is now complete; we have installed the same system and equipment that is used by the largest mail order houses of the United States—this has placed us in position to fill many times the orders we have been required to handle in past years. Our seed cleaning equipment is the very best that money can buy; our stocks are in charge of old, experienced men, who exercise the greatest care in handling same, as they truly realize that this is one of the most important ends of our business.

The purchasing end of our business is handled by men of wide experience, who possess great knowledge in this special line. We are most careful in placing our contracts with the most reliable growers, even though our seeds cost us more money than we would have to pay should we buy our seed from growers who could not be depended upon. Our seeds are shipped direct to us from our growers and are stored in our own warehouse; a test of each lot of seed is immediately made in our own seed laboratory, and if the germination is not up to the standard the seed are immediately returned to the grower.

We can now state without reserve that we are in position to give our customers "REAL SERVICE," and we believe that our plant is just as modern as any seed house in the United States, regardless of size.

Send us your orders, large or small—for we know our seeds will please you and you will receive "REAL SERVICE" on your order.
TEXSEED BRAND VEGETABLE SEEDS

GROWN ESPECIALLY TO SUIT THE SOIL AND CLIMATE OF THE SOUTH AND SOUTHWEST

Many varieties of garden seed are exceedingly scarce this season—and in many instances crops were entire failures. In addition to this most European Countries have stopped the exportation of all seeds. It is true that the United States can produce practically all varieties of seeds that have been imported from Europe in past years but as stated above the shortage in this country at this time makes the Garden Seed Situation very serious. We are possibly more fortunate than most other seed houses and we will open the season with fairly good stocks—but we will be compelled to state, in fairness to our customers that our stock of some few varieties is very short. We will request that you send us your order earlier this season than you have in the past—as we feel that later on we will be compelled to substitute on some varieties.

Artichoke
Prepared and eaten like asparagus. Sow seed in April or May in the open ground and transplant the following spring, in beds, placing the rows 3 feet apart. The beds should be renewed every four or five years. One ounce of seed to 100 feet of drill.

LARGE GREEN GLOBE (No. 100) Best for family use. Pkt. 10c, oz. 60c, postpaid.

JERUSALEM ARTICHOKE (Topimambur) Artichokes are by far one of the best foods for hogs. They should be planted just like potatoes or any other tubers. They multiply rapidly and yield from 50 to 75 bushels to the acre. Hogs are very fond of them and will root them out if turned in on the patch after they have matured. Plant in 3-foot rows, one foot apart. Qt. 50c, postpaid; not prepaid. Pk. 85c, bu. $2.50.

Brussels Sprouts
Brussels Sprouts belong to the Cabbage family—but are more tender than cabbage. The plant will produce many miniature heads. Should be grown and cultivated the same as cabbage. You will find it to be most hardy and you certainly should include a package in your order. Market Gardeners will find a ready sale for them.

One ounce will produce 3,000 plants.

DWARF IMPROVED Bearing a large crop of small, solid, tender heads. Pkt. 5c, oz. 25c, postpaid.

Broccoli
The heads of this plant somewhat resemble cauliflower, but harder, will stand heavy frost. PURPLE CAPE Known as Curly Greens, close round heads, nearly as large as cauliflower. Pkt. 10c, oz. 45c, ½-lb. $1.50, lb. $5.00, postpaid.

PLEASED WITH OUR SEEDS
Leon County, Texas, June 28, 1917.
The Texas Seed & Floral Co.,
Dallas, Texas.
Gentlemen:
I get better results from your Seeds than any Seed House I have ever dealt with.
J. A. JONES.

OUR SEED IN SOUTH AMERICA
Lages E de Rio, Brazil, Sept. 8, 1917.
The Texas Seed & Floral Company,
Dallas, Texas.
Dear Sirs:
Please send me your latest Catalog—with prices—for which I will be very grateful.
I used principally your seed when I was connected with the Leopoldina K. K. Company. Texseed Brand Seed are giving best results here.
Thanking you in advance, I remain,
Sincerely,
SMITH M. DAY.

Dwarf Improved Brussels Sprouts
The Bean Crop is exceedingly short this season, the crop was late as all early plantings were killed by frost. During the month of October the late crop was hit very hard, our growers reported nineteen days of either snow or cold rains during this month—the result will be that quantities of seed beans will be offered for sale—that will be of no vitality and expensive at any price. Please remember that our seed are tested in our own laboratory—this will insure seed beans that will grow.

The Bush varieties should be planted 1½ inches deep, in drills 18 inches or 2 feet apart, 2 inches apart in the drill. Where well up, thin gradually to 6 or 8 inches from each other leaving the strongest plants as much as possible. Give them early preparation, mowing the soil about them, but not going too deep, tillering broad and flat about the time they begin to bear. Do not hoe them when wet from dew or rain, as this induces rust of leaves or pods. One quart will plant 100 feet of drill; two bushels to the acre in drills.

**TENNESSEE GREEN POD (No. 104)**

The Earliest Bean of All. This early variety of snap beans is very popular in the South. It is absolutely the earliest bean on the market—from 10 days to 2 weeks earlier than any other variety. It will stand more cold weather than some varieties. A great favorite with the market gardeners as it will stand long shipments and keep well indeed. The plants are large, somewhat spreading and prolific. The foliage is dark green with large crumpled leaves. The pods are very long—often 6 to 7 inches; plant irregular in shape. Fruit is dark green and exceptionally fine flavored. Our strain of this variety is unexcelled. Pkt. 10c, pt. 45e, qt. 75c, postpaid.

**EXTRA EARLY REFUGEE (No. 105)**

An extremely early green podded sort. The pods are round, fleshy, and light green. The plants are a little smaller than those of the Late Refugee. This is an excellent snap bean for early market and will stand shipment well. Pkt. 10c, pt. 45c, qt. 70c, postpaid.

**EARLY YELLOW SIX WEEKS (No. 106)**

This name is confusing to some who do not know this bean. It is a green podded bean and not a yellow podded as the name might indicate. The name, Yellow Six Weeks, comes from the color of the seed. The plants are very hardy, large and vigorous. The pods are long; about six inches, straight, flat and light green. When young, are considered good for snap beans. It is used extensively for the market, as well as for the home garden. Pkt. 10c, pt. 40c, qt. 65c, postpaid.

**GIANT STRINGLESS GREEN POD (No. 108)**

Possesses many of the excellent characteristics of the Round Pod Valentine, which is one of its parents. It is a prolific bearer; the pods are from 5 to 6 inches long, averaging one-third larger than those of the parent variety. They are absolutely stringless, unusually crisp, round and fleshy. Pkt. 10c, pt. 45c, qt. 75c, postpaid.

**REFUGEE OR THOUSAND TO ONE (No. 110)**

Somewhat later than the other green podded sorts, but very prolific, nearly round, pale green pods, which are quite fleshy, but have light strings. They are about 5 inches long, brittle and of good flavor. Pkt. 10c, pt. 45c, qt. 75c, postpaid.

**HOPKIN'S IMPROVED ROUND POD RED VALENTINE (No. 109)**

This excellent bean is a great improvement over the original Red Valentine, being ten days earlier than that sort, and a much heavier yielder. The full meaty pods are of rich color and unapproached in tenderness. The plants are healthy, vigorous and unusually hardy, withstanding slight frosts which invariably kill other sorts. It permits, therefore, of early planting. Pkt. 10c, pt. 45c, qt. 75c, postpaid.

**BURPEE'S STRINGLESS GREEN POD (No. 107)**

Beautiful, fleshy, saddle-back pods, which are absolutely stringless. An extremely valuable variety, not only for market-gardeners and canners, but also for private planters, who will appreciate its tender, brittle and finely flavored pods. Pkt. 10c, pt. 45c, qt. 75c, postpaid.

**THE IMPROVED LONGFELLOW (No. 111)**

A remarkably early and exceedingly prolific variety of Beans. The plants are of robust, compact habit, bearing a profusion of round, short, fleshy pods, averaging 6½ inches long. The pods are remarkably tender and brittle, without a trace of tough interlining. They are stringless, in all stages of growth, except when quite old in cooking, they retain their delicate green color, making them very attractive when served. Pkt. 10c, pt. 50c, qt. 85c, postpaid.

**BLACK VALENTINE (No. 112)**

This Bean combines many of the attractive qualities of different varieties of dwarf green-podded Beans grown with great profit in the South. The plant is extremely hardy and early, growing a vigorous, compact, sturdy bush from 12 to 14 inches high. The pods are borne profusely and are very large and extremely handsome in appearance. The color is a rich dark green, and the pod, while of excellent table qualities, is sufficiently fine grained and firm as to make it a splendid and profitable sort to ship to distant markets. It is ready to gather in fifty days after planting. Pkt. 10c, pt. 45c, qt. 75c, postpaid.
BEANS, Dwarf Bush or Snap Wax, Potted Sorts

Under this name are classed all of the low growing varieties known as Bunch, Snap, String or Dwarf Beans. As the crop is so exceedingly short—it may be necessary to substitute on your order—should you not want us to substitute, kindly so state on your order.

DAVIS WAX (No. 113) Rustless and vigorous sort. The pods are long, waxy white, and are produced in immense quantities. Very brittle, crisp and tender. Favorite variety with canners. Pkt. 10c, pt. 50c, qt. 90c, postpaid. Write for prices in larger quantities.

IMPROVED GOLDEN WAX (No. 114) (Rustproof) Very valuable, rustproof strain of Golden Wax, which stands drought remarkably well. Pods rather flat, nearly straight, fleshy and of highest quality. Pkt. 10c, pt. 50c, qt. 90c, postpaid. Write for prices in larger quantities.

HODSON WAX BUSH BEAN (No. 115) Market gardens throughout the South pronounce it the best and most reliable late wax sort for market purposes, surpassing all others in productiveness, hardiness and size. This is an excellent shipper and is, therefore, particularly adapted for supplying distant markets. The strong, sturdy plants are immune from disease; never attacked by rust, mildew or blight. If picked at the proper time are quite brittle, stringless, and free from fiber. Pkt. 10c, pt. 50c, qt. 90c, postpaid. Write for prices in larger quantities.

WARDWELL'S KIDNEY WAX (No. 117) Quite extensively grown in Southern Texas for shipping to distant markets. Very prolific early sort, with long, flat, brittle pods of golden yellow color. Pkt. 10c, pt. 50c, qt. 90c, postpaid. Write for prices in larger quantities.

DWARF GERMAN BLACK WAX (No. 118) Very prolific strain of the Black Wax, with long, round pod of attractive, waxy yellow color. Solid, tender, and of good flavor. Pkt. 10c, pt. 50c, qt. 90c, postpaid. Write for prices in larger quantities.

PENCIL POD WAX (No. 119) This very handsome Black Wax Pod is a medium early variety; hardy and productive. It is a splendid variety for home use and carry market; where the highest quality is desired. The pods are long; 5 to 6 inches long, round, fleshy, of a bright red color. The beans are very tender and are stringless. The plant will continue to produce through a long season. Pkt. 10c, pt. 50c, qt. 90c, postpaid. Write for prices in larger quantities.

CURRIES RUST-PROOF WAX (No. 120) This variety is a nearly rust proof as any Wax Potted Bean we know of. The plants are very vigorous, hardy and productive. The pods are light yellow; similar in shape to the Golden Wax, but larger. About 5½ to 6 inches in length. This bean is well known to market gardeners and they consider it one of the best varieties. Pkt. 10c, pt. 50c, qt. 90c, postpaid. Write for prices in larger quantities.

POLE OR RUNNING BEANS

The Pole Beans are not so hardy as the Bush sorts and should be planted several weeks later, when danger from frost is over. Plant in rows 4 feet apart, the hills 2½ to 3 feet in the rows.

KENTUCKY WONDER GREEN POD (No. 128) The plants are vigorous climbers; pods borne profusely in clusters. They average 7 to 9 inches long; are of attractive green color; round and very brittle when young. If the beans are picked as they mature, the vines will keep on bearing until killed by frost. Pkt. 10c, pt. 40c, qt. 65c, postpaid. Write for prices in larger quantities.

LAZY WIFE (No. 129) Prolific sort, with handsome, entirely stringless pods. Pkt. 10c, pt. 45c, qt. 75c, postpaid.

WHITE GREASEBACK (No. 130) Extremely early, very productive. Pods are borne in clusters from four to six; broad, thick, solidly fleshy and stringless. Well adapted for shipping to distant markets. Pkt. 10c, pt. 40c, qt. 65c, postpaid. Write for prices in larger quantities.

CUT SHORT OR CORN FIELD (No. 131) Green beans resembling those of Bush Valentine. Dry beans, red speckled. Pkt. 10c, pt. 40c, qt. 65c, postpaid. Write for prices in larger quantities.

KENTUCKY WONDER WAX (No. 132) This excellent new Pole Bean embodies all the good qualities of its green-podded namesake, but has beautiful, transparent yellow pods. It begins to produce its handsome pods when the plants are scarcely higher than the average bush variety. The main points of the Kentucky Wonder Wax are similar to the old Kentucky Wonder, with the following decidedly novel features. The pods are a clear waxy yellow, and more prolific and of much superior quality. The plants are rampant climbers, and continue bearing until late in the season. Pkt. 10c, pt. 40c, qt. 65c, postpaid. Write for prices in larger quantities.
DWARF LIMAS

This comparatively new class of Lima cannot be recommended too highly. The beans can be grown and gathered much more easily than the pole Limas and are fully as good in quality. Every home garden should have at least one planting of them.

TEXAS SPECKLED LIMA BEAN (No. 121) This excellent variety is a native of Texas and is, therefore, splendidly adapted to our hot, dry climate. The pods are slightly curved and of medium length. The green beans are of medium size, beautifully speckled or blotched dark red. This is one of the earliest varieties, is exceedingly prolific, bearing abundantly, commencing in early summer and continuing until killed by frost. A variety that will please everyone. Large pkt, 15¢, pt, 50¢, qt, 90¢, postpaid; not prepaid, pk. $1.50.

HENDERSON’S DWARF (No. 122) Particularly adapted for the South Compact bush; produces large crops until frost. Pkt, 10¢, pt, 50¢, qt, 90¢, postpaid; not prepaid, pk. $1.00.

BREWER’S BUSH LIMA (No. 123) Somewhat later than Burpee’s Bush Lima, but very prolific. The pods contain three to four plump beans which, if picked at the right time, are of excellent flavor. They are shelled very easily. Pkt, 10¢, pt, 50¢, qt, 90¢, postpaid; not prepaid, pk. $1.50.

FORDHOOK OK BUSH LIMA BEANS (No. 124) Fordhook Bush Lima furnishes beans for the table three weeks earlier than they can be had from most pole varieties. Pkt, 10¢, pt, 50¢, qt, 90¢, postpaid; not prepaid, pk. $1.50.

BURPEE’S IMPROVED BUSH LIMA (No. 125) The stout, erect bushes grow 18 to 20 inches high, 2 to 3 feet in diameter. They are laden with large, handsome pods which are well filled with large, luscious beans. Pkt, 10¢, pt, 50¢, qt, 90¢, postpaid; not prepaid, pk. $1.50.

POLE LIMAS

SMALL WHITE LIMA, CAROLINA OR SIEVA (No. 126) Vigorous variety, very early and productive. Pods are short, flat and curved. Beans white, small and kidney-shaped. Pkt, 10¢, pt, 50¢, qt, 90¢, postpaid; not prepaid, pk. $1.50.

KING OF THE GARDEN (No. 127) An improved strain of the Large White of more prolific character and with large pods and beans. Produces an early crop and bears until frost. Only two plants should be allowed to one hill. Pkt, 10¢, pt, 50¢, qt, 90¢, postpaid; not prepaid, pk. $1.50.

TEXSEED BEETS

Our Beet Seed are grown by the most careful French and American growers. We are supplying the most critical Market Gardeners with our stock.

CRIMSON GLOBE (No. 135) The roots are almost globe-shaped and free from rootlets, leaving the skin entirely smooth. The flesh is of the finest quality, a rich blood-red, slightly zoned and always sweet and tender.

DETROIT DARK RED (No. 136) It matures early and roots are of splendid shape and good color. The tops are small and upright growing, which makes possible close planting. The roots are globular and smooth, the skin is dark, blood-red, the flesh bright-red, with lighter zones. The beets are very tender, sweet and crisp and remain so for a long time. Pkt, 5¢, oz, 20¢, ½-lb, 50¢, ½-lb, 90¢, lb, $1.00, lb, $1.25, postpaid.

ELECTRIC BLOOD TURNIP (No. 137) It is fine grained, exceedingly tender and of good sweet flavor. The color of the flesh is a rich red, tinged with dark crimson. The roots remain in fine condition a long time after harvesting. We hundred recommend the Electric as the best extra-early table beet. Pkt, 5¢, oz, 15¢, ½-lb, 40¢, ½-lb, 75¢, lb, $1.25, postpaid.

CROSBY’S IMPROVED EGYPTIAN (No. 139) An improvement on a Egyptian with better shaped, smoother roots. The meat is fine-grained, sweet and tender. Pkt, 5¢, oz, 20¢, ¼-lb, 50¢, ½-lb, 90¢, lb, $1.00, postpaid.

EGYPTIAN (No. 140) Develops extra quickly. Roots average 2 inches in diameter. May be planted very close. Pkt, 5¢, oz, 15¢, ¼-lb, 40¢, ½-lb, 75¢, lb, $1.25, postpaid.

EARLY BLOOD TURNIP (No. 141) Early, developing rapidly. Tops small. Pkt, 5¢, oz, 15¢, ¼-lb, 40¢, ½-lb, 70¢, lb, $1.25, postpaid.

DEWING’S BLOOD TURNIP (No. 142) Round, turnip-shaped roots of good size. Pkt, 5¢, oz, 15¢, ¼-lb, 40¢, ½-lb, 75¢, lb, $1.25, postpaid.

ECLIPSE (No. 143) Globe-shaped, deep red roots, with sweet, fine-grained flesh. Pkt for use a long time. Pkt, 5¢, oz, 15¢, ¼-lb, 40¢, ½-lb, 75¢, lb, $1.25, postpaid.

IMPROVED LONG DARK BLOOD (No. 144) Excellent for win-der use as it is a good keeper. Flesh firm, juicy and tender. Pkt, 5¢, oz, 15¢, ¼-lb, 40¢, ½-lb, 75¢, lb, $1.25, postpaid.

SWISS CHARD, SPINACH BEET, SEA KALE BEET, LUCULLUS (No. 145) There are about one dozen stalks to each plant and the entire stalk and leaf is eatable when cooked like Spinach. We know that you will be delighted with the results if you try some of this in your garden this year. Pkt, 5¢, oz, 15¢, ¼-lb, 50¢, ½-lb, 75¢, lb, $1.10, lb, $1.25, postpaid.

HALF LONG DARK BLOOD (No. 139) An excellent variety for home use. Pkt, 5¢, oz, 15¢, ¼-lb, 40¢, ½-lb, 75¢, lb, $1.25, postpaid.

MIXED BEETS (No. 145A) A mixture of many different varieties. Pkt, 5¢, oz, 15¢.
TEXSEED SUPERIOR CARROTS

French grown Carrots are, by far, the best. Carrot Seeds grown in America are likely to produce a product that is stringy, uneven and sometimes bitter. We feel that our strains of Carrots are unexcelled.

Carrots grow best in rich, deep, sandy loam, well pulverized and deeply cultivated. Sow in March or April, in drills 15 to 18 inches apart and about one-half inch deep, thinning out the seedlings to 4 inches in the row. One ounce will sow 100 feet of drill, 3 to 4 lbs. to the acre.

EARLY SCARLET HORN (No. 152) The roots grow 3 to 4 inches long and are decidedly stump-rooted. They are fine-grained and of good flavor. Pkt. 5c, oz. 20c, 1/4-lb. 55c, 1/4-lb. $1.00, 1 lb. $1.75, postpaid.

OXHEART OR GUERANDE (No. 153) Of finest table quality. It is a most desirable sort for growing in soils too hard and stiff for the longer varieties, as it does not grow over six inches long. It frequently grows as thick as it is long. Easily pulled by hand. Pkt. 5c, oz. 20c, 1/4-lb. 55c, 1/4-lb. $1.00, 1 lb. $1.75, postpaid.

DANVER'S HALF LONG (No. 154) An excellent market variety of medium size. The roots are of rich orange-red color, smooth and very handsome. Produces very large crops. Pkt. 5c, oz. 20c, 1/4-lb. 75c, 1/4-lb. $2.00, postpaid.

LONG ORANGE (No. 156) The best late variety for general field culture. It keeps very well and is therefore exceedingly adapted for winter use. Pkt. 5c, oz. 20c, 1/4-lb. 55c, 1/4-lb. $1.00, 1 lb. $1.75, postpaid.

NEW INTERMEDIATE CARROT (No. 157) For several years we have been striving to produce an all purpose Carrot that would be suited to our Southwestern climate. After much experimenting we are able to offer this new sort.

Of the Danver's type with stump root, combined with the tender flesh and delicate flavor of the round French Forcing sorts so much sought after for table use.

Color, deep orange, very smooth roots and easily bunched, making it a favorite with market gardeners. Pkt. 5c, oz. 20c, 1/4-lb. 55c, 1/4-lb. $1.00, 1 lb. $1.75, postpaid.

CHANTENAY OR MODEL (No. 155) is a broad or thick Carrot. It is a very fine sort for table use on account of its fine flavor. Chantenay is a late variety and keeps well. Pkt. 5c, oz. 20c, 1/4-lb. 75c, 1/4-lb. $2.00, postpaid.

Stock Carrots

TEXSEED MASTODON CARROT (No. 158) There is a growing demand for a truly large growing variety of Carrots for Stock. This Carrot can also be used for table use. This variety of carrot has been known to yield 15 to 40 tons to the acre, the roots frequently measure 15 to 20 inches in circumference. It is not only more productive but vastly easier handled, as the roots are short and very heavy at the shoulder, rendering it easier harvested. Another important feature is that they do not easily break in pulling. Two pounds is sufficient to plant an acre. Pkt. 5c, oz. 10c, 1/4-lb. 55c, 1/4-lb. 60c, 1 lb. $1.00, postpaid.

MAMMOTH WHITE BELGIAN (No. 159) A splendid variety for fattening stock. The roots are mammouth in size and very productive, often yielding ten tons and over of roots per acre. Pkt. 5c, oz. 10c, 1/4-lb. 55c, 1/4-lb. 60c, 1 lb. $1.00 postpaid.

MAMMOTH YELLOW BELGIAN (No. 160) Identical to the White Belgian, except in color. Pkt. 5c, oz. 10c, 1/4-lb. 35c, 1/4-lb. 60c, 1 lb. $1.00, postpaid.
CAULIFLOWER

(For Cauliflower Plants see under Vegetable Plants)

Cultivate the same as cabbage, only give richer ground, if possible, and a plentiful supply of water. The head, properly prepared, is considered one of the most delicate vegetables. One ounce will produce 1,000 plants.

SELECTED DWARF ERFURT (No. 168)

Excellent for forcing as well as open ground. The plants are small-leaved and dwarf, producing pure white heads of finest quality. In normal season it is extremely reliable in heading. Pkt. 20c, 1/4-oz. 75c, 1/2-oz. $1.25, oz. $2.00, 1/4-lb. $7.00, lb. $25.00, postpaid.

EARLY SNOWBALL (No. 169)

Under favorable conditions every plant produces a magnificent white head of fine quality. Pkt. 20c, 1/4-oz. 75c, 1/2-oz. $1.25, oz. $2.25, 1/4-lb. $7.00, lb. $25.00, postpaid.

DRY WEATHER CAULIFLOWER (No. 170)

In warm parts of the country where there is not much cool weather, it is a most desirable sort. Very sure header and second early. Heads larger than Snowball and Snowwhite. Our seed is A1 and procured from the original grower in Denmark. Where a large acreage is planted, there should be at least a portion of it in this variety. Pkt. 20c, 1/4-oz. 75c, oz. $2.25, 1/4-lb. $7.00, lb. $25.00, postpaid.

GILT EDGE CAULIFLOWER (No. 171) is the largest, most perfect and surest header of all varieties. In general appearance it is very much like the Snowball but more sure to head. Pkt. 20c, 1/4-oz. 75c, 1/2-oz. $1.25, oz. $2.25, 1/4-lb. $7.00, lb. $25.00.

CELEBRATE CAULIFLOWER (No. 172)

In all parts of the country where there is not much cool weather, it is a most desirable sort. Very sure header and second early. Heads larger than Snowball and Snowwhite. Our seed is A1 and procured from the original grower in Denmark. Where a large acreage is planted, there should be at least a portion of it in this variety. Pkt. 20c, 1/4-oz. 75c, oz. $2.25, 1/4-lb. $7.00, lb. $25.00, postpaid.

CELERY

Seed should be sown in February in a hotbed or in flat 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 by last of March or first of April. One ounce will sow 300 feet of drill.

PARIS GOLDEN SELF-BLANCHING (No. 162) (American grown seed.)

Many growers have found that this variety of American Seed will give just as good results as the French grown seed, however, the seed planted to produce this variety originally came from French stock. It is our custom to grow all of our Yellow Celery from first-year French stock, and as celery is a biennial, we have a fine way of roguing and observing the growth so that we know that our seed can give the very best of satisfaction. It is our opinion that seed produced by this method will satisfy any grower. Pkt. 10c, oz. 65c, 1/4-lb. $1.75, lb. $5.00.

PARIS GOLDEN SELF-BLANCHING (No. 163) (French grown seed.)

Seed of the yellow varieties of Celery, such as the Golden Self-Blanching and the Golden Hearted Dwarf, in our opinion, will prove equally as satisfactory as French stock, however, there are growers in Florida and California that insist on the imported seed. The strain of Celery that we have was produced by the originator and is the highest type that is possible to procure. Our seed have given general satisfaction and when we tell you that we have the genuine strain, you can rely on it. Pkt. 15c, oz. 85c, 1/4-lb. $1.75, lb. $5.00, postpaid.

GIANT PASCAL (No. 164)

Of excellent keeping qualities. Makes large bunches of thick, solid stock, which are very brittle, crisp, and of rich, nutty flavor. Splendid for shipping. Pkt. 5c, oz. 30c, 1-1b. $1.00, 1-1b. $1.75, lb. $5.00, postpaid.

WHITE PLUME (No. 165)

The earliest and most easily blanched. While the inner stalks and heart are of pure, white color without being blanched, yet the outer stalks should be tied up and the soil drawn around them so as to produce close, attractive bunches. Fine for family use and local markets. Pkt. 5c, oz. 30c, 1/2-lb. $1.00, 1/2-lb. $1.75, lb. $5.00, postpaid.

CELERIAC OR TURNIP ROOTED CELERY (No. 167)

(Apio napo. Knollen-Sellerie.) Pkt. 5c, oz. 25c, postpaid.

SOUP CELERY

Old seed for flavoring soups, pickles, etc. Oz. 5c, lb. 50c, postpaid.

Corn Salad, or Feticus

Sown with the approach of cool weather in the fall, it will produce an abundance of leaves which may be used as a salad throughout winter and spring. Quite hardy, but should be protected during the severe weather. One ounce will sow 20 square feet.

LARGE LEAVED (No. 208)

Pkt. 5c, oz. 10c, 1/4-lb. 20c, postpaid.
TEXSEED CABBAGE—Cabbage Seed of Quality

This has been a very hard season for growers of Cabbage Seed—deliveries are short—and an additional stock of many varieties will be out of the question. Please send us your order for Cabbage seed early.

Our Cabbage Seed is the best that money can buy. Grown under the expert supervision of experienced growers, whose lifework it has been to properly select Cabbage Seed; it is absolutely unsurpassed, especially care being taken to keep each variety pure and true to name. Frost-proof Cabbage Plants are offered under Vegetable Plants.

CHINESE CABBAGE (No. 173) (Brassica pekinensis, the pai ts'ai of northern China). This variety was introduced a short time ago by the government. Our climate is ideal for growing this Cabbage during the Fall, Winter and early Spring months, and, in our opinion, this variety of Cabbage will become very popular in the next few years in the South. This variety has been known to yield 50,000 pounds to the acre. The cabbage retails at 20c per pound. It has been called on account of its tender crispness, Celery Cabbage. By cutting off all green leaf tips, it can be cooked without the penetrating cabbage odor. This variety of cabbage should only be grown on very rich land and in order to force it for market the ground should be well manured. When the plants are about three inches high, tie the tops and you will find that the cabbage will blanch—this of course is trouble but it will produce much nicer cabbage. Pkt. 10c, oz. 50c, 1/4-lb. $2.00, 1/2-lb. $3.50, lb. $6.00, postpaid.

Copenhagen Market
First Early Sorts

TEXSEED EXTRA EARLY (No. 174) Very reliable extra early sort. Solid, flat heads, which are well blanched. The young plants are remarkably strong and vigorous, resisting insect attacks and climate influences to perfection. Planters who are not already familiar with the superior qualities and characteristics of this sort will do well to give it a thorough trial. Pkt. 10c, oz. 35c, 1/4-lb. $1.25, 1/2-lb. $2.40, lb. $4.00, postpaid.

COPENHAGEN MARKET CABBAGE (No. 175) This variety is undoubtedly without a rival and the finest large Round Headed Early Cabbage in cultivation. The type is so thoroughly fixed that all of the heads mature at the same time, which is a great benefit to the market gardeners, entailing less labor in harvesting the crop and allows the ground to be cleaned at the first cutting. The heads average about 10 pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield and most of the pointed head varieties, and will give a much heavier yield per acre than any variety of the pointed head types. The plants are short stemmed, the heads being produced almost on the ground level. Pkt. 10c, oz. 50c, 1/4-lb. $1.50, 1/2-lb. $2.50, lb. $4.00, postpaid.

EARLY JERSEY WAKEFIELD (No. 176) By far the most generally grown of this class, being of delicate flavor and attractive appearance. The heads grow to a blunt point, are heavy and solid, with few outside leaves. One of the most popular sorts with market growers, as it carries well in shipping. Pkt. 10c, oz. 40c, 1/4-lb. $1.30, 1/2-lb. $2.35, lb. $4.00, postpaid.

CHARLESTON WAKEFIELD (No. 177) Ripens a few days later than the preceding. "Wakefield" type, it possesses all the good characteristics of the Jersey Wakefield in an intensified degree. Pkt. 10c, oz. 45c, 1/4-lb. $1.40, 1/2-lb. $2.40, lb. $4.25, postpaid.

THE VOLGA (No. 178) This new variety recently introduced from Russia has proven as early as any of the extra-early sorts, showing a rapid growth producing large solid heads, perfectly round and uniform in size, growing as large as 12 to 15 pounds each. In the largest Cabbage growing section in South Texas the growers who have tried this variety will plant no other kind and we have been unable the last two years to supply their demands, but for the coming season will have seed enough for all.

The plants are very low growth, short stems, with spreading saucer-like outer leaves shading the roots, making it a splendid drought-resister, therefore an elegant variety for Southern growers. Flesh very tender. Light grayish green color, very attractive in every way. Pkt. 10c, oz. 35c, 1/4-lb. $1.30, 1/2-lb. $2.35, lb. $4.00, postpaid.

SHE WILL BE A GOOD CUSTOMER
Quachita Parish, La., August 8, 1917.

The Texas Seed & Floral Company,
Dallas, Texas.

Gentlemen:
I have ordered Seed from you twice and they sure were fine. Every Seed came up that I planted and grew nicely. I would like to get the prices on some of your Seed and Onion Sets.

Yours truly,
Mrs. Charles L. Tower.
Texseed Frost-Proof Cabbage Plants

Will Mature Heads Two to Four Weeks Earlier than your Home Grown Plants and Double Your Profits

The plants make a slow but steady growth, until at eight to ten weeks of age they are very tough and hardy, the buds are purple and the outer leaves a reddish brown. When in this condition they can be shipped to territory farther north and be planted in the open ground a month to six weeks sooner than the home-grown hot bed or cold frame plants. These frost-proof cabbage plants will stand a temperature of 15 degrees above zero without injury, the land freezing, or the plants being covered with ice, sleet or snow after they are planted will not injure them.

The top of the plant does not grow until regular Spring weather opens up, but the roots grow from the time they are planted, and just as soon as Spring weather starts, the established root growth assimilates the fertilizer in the soil, the plants grow very fast, maturing headed cabbage two to four weeks sooner than you can mature them from hot bed and cold frame plants. You know what the difference in profit will be if your crop is matured and marketed before the general crop from home-grown plants is matured.

To get the advantage of these frost-proof cabbage plants they must be planted a month or six weeks earlier than you would plant home-grown plants.

The plants when received will be somewhat wilted and have a hard, stunted appearance, which will be disappointing to persons who have never used these plants before. Regardless of appearance, they will produce the crop results. We guarantee good order delivery.

Varieties: Early Jersey Wakefield, Charleston Large Type Wakefield, Succession and Early Flat Dutch

Prices: By Parcel Post prepaid.

<table>
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<th>Plants</th>
<th>Price (per 100)</th>
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<tr>
<td>1 dozen</td>
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Write for prices in larger quantities.

Plants are packed for parcel post shipment either 100, 200, 300, 400, 500 or 1000 plants to package. For express shipment, 200 or 1000 plants to package. Order in these quantities. They weigh 15 to 20 pounds per thousand plants packed for shipment.

Frost Proof Collard Plants

SOUTHERN OR CREOLE Used largely for greens in the South. Price, dozen 15c, 100 for 50c, 1000 for $3.00, prepaid.

Prize Winners—Our 1917 Home Garden Contest

In our 1917 catalog we listed three prizes amounting to $75.00 in gold. First prize, $35.00; second, $25.00; and third, $15.00. The first prize was awarded to Mr. S. J. Cowart, Sulphur, Okla.; second to Mr. Billy Minter, 910 East 23rd Street, Austin, Texas, and the third to Mr. J. J. Lee, Route 3, Box 122 C, Phoenix, Ariz.

We intended publishing a photograph of each of the winners, but on account of limited space we will not be able to do so. We have received very strong testimonials from the above three gentlemen and we wish that they could tell you in person "just what they think" of TEXSEED BRAND garden seeds. Plant TEXSEED Brand seeds and your home garden will prove a winner in most any contest, at the same time make your grocery bills smaller and your family healthy.
CABBAGE

Second Early Sorts

EARLY WININGSTADT (No. 179) Similar in size and shape to Jersey Wakefield, but it is more sharply pointed and the heads are more tightly folded and very firm. Excellent for cutting for kraut. Pkt. 10c, oz. 35c, ¼-lb. $1.30, ½-lb. $2.25, lb. $3.90, postpaid.

HOLLANDER OR DANISH BALLHEAD (No. 183) One of the best for shipping to distant markets. Pkt. 10c, oz. 50c, ¼-lb. $1.15, ½-lb. $2.50, lb. $4.50, postpaid.

AUTUMN KING OR WORLD BEATER (No. 185) One of the best winter keepers. Pkt. 10c, oz. 40c, ¼-lb. $1.30, ½-lb. $2.25, lb. $4.00, postpaid.

PREMIUM LATE FLAT DUTCH (No. 187) Good flavor and very tender. Among earliest of winter cabbages. Pkt. 10c, oz. 30c, ¼-lb. $1.00, ½-lb. $2.00, lb. $3.50, postpaid.

PREMIUM LATE DRUMHEAD (No. 191) Standard variety with solid, round heads of immense size and excellent flavor. Splendid market sort and good keeper. Pkt. 10c, oz. 40c, ¼-lb. $1.30, ½-lb. $2.25, lb. $4.00, postpaid.

STEIN’S EARLY FLAT DUTCH (No. 180) A selected strain, forming extra large, flat heads, weighing at times 10 to 12 pounds. It is a sure header and well adapted for forcing. Pkt. 10c, oz. 40c, ¼-lb. $1.30, ½-lb. $2.25, lb. $4.00, postpaid.

BURPEE’S ALLHEAD EARLY (No. 182) An excellent flat variety, with remarkably solid heads, which have few outside leaves. It is practically “all head.” While it is really a typical summer Cabbage, it is fully as good for winter use, being an excellent keeper. The heads are of good size, uniform in color and shape and of excellent flavor. Pkt. 5c, oz. 35c, ¼-lb. $1.25, ½-lb. $2.00, lb. $3.50, postpaid.

HENDERSON’S EARLY SUMMER (No. 184) An extra second-early sort. It comes in about ten days after the Jersey Wakefield, but is twice as large, weighing frequently 10 to 12 pounds. The heads are solid, round, with few outside leaves. A sure header and good keeper. Pkt. 10c, oz. 35c, ¼-lb. $1.00, ½-lb. $1.55, lb. $3.50, postpaid.

HENDERSON’S SUCCESSION (No. 196) Very popular summer Cabbage, about ten days earlier than the Early Summer. The heads grow larger; are full and solid, and keep excellently. Pkt. 10c, oz. 40c, ¼-lb. $1.35, ½-lb. $2.35, lb. $4.00, postpaid.

ALL SEASONS (No. 188) One of the best of this class. Ready for market only a few days later than Early Summer, but it grows much larger. The heads are firm, solid and of good flavor. Pkt. 10c, oz. 35c, ¼-lb. $1.30, ½-lb. $2.00, lb. $3.50, postpaid.

EARLY DRUMHEAD (No. 189) Standard variety of well known merit. Very similar to Henderson’s Early Summer. Pkt. 10c, oz. 35c, ¼-lb. $1.25, ½-lb. $2.00, lb. $3.75, postpaid.

NEW RED POLISH CABBAGE (No. 194) THE BEST BAGE. Pkt. 10c, oz. 35c, ¼-lb. $1.25, ½-lb. $2.25, lb. $4.00, postpaid.

WINTER CABBAGE, BURPEE’S SUREHEAD (No. 190) Strain of Flat Dutch, remarkable for its sure-heading qualities. Keeps well and is good for shipping. The heads are of uniform size, firm, solid and of good flavor. Pkt. 10c, oz. 35c, ¼-lb. $1.40, ½-lb. $2.40, lb. $4.00, postpaid.

ST. LOUIS LATE MARKET (No. 195) This is a very late cabbage, of strong growth and good size. Price, Pkt. 10c, oz. 40c, ¼-lb. $1.25, ½-lb. $2.45, lb. $4.00, postpaid.

TEXSEED EARLY WONDER (No. 193) The best medium-early Cabbage that can possibly be grown. Constant selection has given us in this sort a combination of strong, favorable points as are found in very few Cabbages. Maturing about the same time as Henderson’s Early Summer, it makes a larger head, is of better quality and of more uniform size. Pkt. 10c, oz. 35c, ¼-lb. $1.10, ½-lb. $1.85, lb. $3.25, postpaid.

COLLARDS

SOUTHERN OR CREOLE (No. 196) The true Southern species of tall, loose-leaved Cabbage which is extremely easy to cultivate. It grows in the same manner as cabbage for which it is an excellent substitute. It is preferred by many. The plant is even harder than cabbage and may be planted at almost any season of the year. Pkt. 5c, oz. 15c, ¼-lb. 35c, ½-lb. 60c, lb. $1.00, postpaid.

CRESS

One ounce of seed will sow 200 feet of drill of the Pepper Grass. One ounce of seed of the Water Cress will sow 15 square feet.

EXTRA CURLER OR PEPPER GRASS (No. 197) Quick growing and of crisp, pungent flavor. Does well in dry soils. Pkt. 5c, oz. 10c, ¼-lb. 25c, ½-lb. postpaid.

WATER CRESS (No. 198) (Berro de fuente; Brunnen-kresse) — Succeeds only when its roots and stems are partially submerged in water. Sow along the borders of streams or start the seed in shallow pans and transplant the seedlings when large enough. Make a very appetizing salad. Pkt. 10c, oz. 35c, postpaid.
CORN (Garden Varieties)

Do not plant Sweet Corn until the ground becomes warm. A prolonged cold, rainy spell will cause it to rot in the ground. Plant in hills or in rows 3 feet apart, dropping the kernels 4 inches apart in the row. Later on, thin out to 1 foot apart. Hill up gradually and remove all the side shoots. To have the best Sugar Corn, it should be picked when a slight pressure upon the grain causes the skin to break easily. Plant at frequent intervals so as to always have a supply at this stage of growth. One quart will plant 200 hills; 8 to 10 quarts will plant one acre.

COUNTRY GENTLEMEN (No. 200) The most delicious of the late sorts. For family use it is unequaled. The medium-sized ears are covered with irregularly arranged, deep, sweet kernels. Very prolific and well liked in some localities, or where it is sold in the market as the "Shoepper." Pkt. 10c, pt. 35c, qt. 65c, postpaid. Write for prices in large quantities.

STOWELL'S EVERGREEN (No. 201) The ears are large, have fifteen or more of deep, luscious kernels, and remain tender and fit for use longer than any other sort. Pkt. 10c, pt. 35c, qt. 65c, postpaid. Write for prices in large lots.

GOLDEN BANTAM (No. 202) A very early sweet corn with golden yellow grain, very tender and of excellent quality. The ears are eight rowed, 6 to 7 inches long and of the medium size found most suitable for the table. The flavor is exceptionally rich and delicious. Our stock has been very carefully selected. Pkt. 10c, pt. 45c, qt. 75c, postpaid. Write for prices in large lots.

ADAM'S EXTRA EARLY (No. 203) A great favorite with those who wish to start these ear early in the season. Produces short ears well filled with tender, white kernels of fine flavor. Pkt. 5c, pt. 30c, qt. 45c, postpaid. Write for prices in large lots.

ADAM'S EARLY (No. 204) Has larger ears than the preceding. Very popular in the South. Pkt. 5c, pt. 30c, qt. 45c, postpaid. Write for prices in large quantities.

EGG PLANT

Seeds should be started in February in hotbeds or in boxes in the house. Always keep the ground warm and moist and protect the young plants. Transplant into a rich loamy soil when all danger of frost is past. One ounce will produce about 1,000 plants. Strong upright bushes, with considering cold weather and the blossoms are not blighted by the hot sun. It resists drouth and wet weather to a wonderful degree. Fruits are of large size. Pkt. 10c, oz. 40c, 

FLORIDA HIGH BUSH (No. 224) which are very hardy and productive. Will stand considerable cold weather and the blossoms are not blighted by the hot sun. It resists drouth and wet weather to a wonderful degree. Fruits are of large size. Pkt. 10c, oz. 40c, 1/4 lb. $1.50, 1/2 lb. $2.75, 1 lb. $5.00, postpaid.

MAMMOTH PURPLE SPIINELESS (No. 224A) The fruit is large, round, dark purple and of excellent quality. Pkt. 10c, oz. 50c, 1/4 lb. $2.25, 1/2 lb. $4.00, 1 lb. $7.00, postpaid.

BLACK BEAUTY (No. 224B) Ten days to two weeks earlier than the preceding, with fruits just as large, of uniform shape and rich lustrous black color. Fruit develops very quickly and planters will be pleased with them. Pkt. 10c, oz. 50c, 1/4 lb. $2.25, 1/2 lb. $4.00, 1 lb. $7.00, postpaid.

FIELD CORN

See under Field Seeds, full description of all of the best varieties.

POPCORN

QUEEN'S GOLDEN (No. 205) The largest sort. Stalks grow 5 to 6 feet high, producing two to three large ears each. Fins perfectly white. Single kernels expand to one inch across. Pkt. 5c, lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. $3.00, 100 lbs. $12.00.

WHITE RICE (No. 206) Widely cultivated and used more than any other sort. Stalks, each, large, pointed kernels, Very productive. Pkt. 5c, lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. $3.00, 100 lbs. $12.00.

WHITE PEARL POPCORN (No. 207) This is a small grain variety, being a smaller kernel than either the Queen's Golden or White Rice. It also has a smaller cob, but is a very prolific variety, and seems to do best in the Southwest. Price, pkt. 5c, lb. 30c, postpaid. Not prepaid. lb. 20c, 20 lbs. $3.00, 100 lbs. $12.00.

Bee County, Texas, March 1, 1917

The Texas Seed & Floral Co., Dallas, Texas.

Gentlemen:—I thank you very much for your catalog which I am always glad to get.

I have planted your seed for a number of years and have never yet received a bad lot of seed. I planted garden seed of all kinds from various houses in the United States and it has been proven to me that Texas seed are better adapted to Texas' needs.

Yours truly,

E. L. SKAGGS
CUCUMBER

Plant as soon as the weather has become settled and warm, in hills 4 feet apart each way. Cucumbers succeed best in warm, moist, rich, loamy soil. Prepare the hills by mixing a shovel of well-rotted manure with the soil. Plant the seeds about one-half inch deep. When all danger of insect attacks is over, thin to three or four of the strongest plants to the hill. Do not allow any fruit to ripen on the vines, as this will cause them to stop bearing. One ounce will plant fifty hills, 2 pounds will plant one acre.

Davis Perfect Cucumber

DAVIS PERFECT (No. 210) The most satisfactory slicing Cucumber. It measures 10 to 12 inches in length; is very symmetrical and has very few seeds. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.00, postpaid.

GREEN PROLIFIC OR BOSTON PICKLING (No. 211) Highly esteemed for the attractive, medium sized pickles which it produces. It bears profusely. The fruits are dark green, tender, crisp and fine for slicing. Uniform, cylindrical shape. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 70c, lb. $1.25, postpaid.

THORBURN'S EVERBEARING (No. 212) If fruits are gathered the vines will continue to bear throughout the season. Excellent for producing large quantities of small pickles. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.00, postpaid.

LONG GREEN (No. 213) Most widely cultivated sort, unsurpassed for general use. The cucumbers average 12 inches long, when fully developed, and are fine for slicing. The smaller fruits make excellent pickles. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.10, postpaid.

EARLY FORTUNE CUCUMBER (No. 214) This Cucumber is rightly named. Of but recent introduction, it is creating a furor among the large truck growers of the South. It is the earliest and best dark green white spine Cucumber. One customer picked 1,200 crates from an acre and a quarter. They are so far ahead of other varieties that they usually bring double the price, both on account of earliness and beauty. An abundant producer. Pkt. 5c, oz. 20c, ¼-lb. 60c, ½-lb. 80c, lb. $1.25, postpaid.

IMPROVED ARLINGTON WHITE SPINE (No. 215)

The vines are very vigorous and productive. The fruits are of attractive, deep glossy green color, with light spines running from blossom end. Most desirable for market use. Pkt. 5c, oz. 15c, ¼-lb. 45c, ½-lb. 70c, lb. $1.10, postpaid.

TEXSEED WHITE CUCUMBER (No. 216)

We are more than glad to be able to offer to our customers again this season our new White Cucumber. This is a distinct novelty. It is very early, earlier than the green varieties, and grows very rapidly, sometimes growing 12 to 16 inches in length. The great advantage of this Cucumber is that it has very few seeds, and does not have to be peeled before preparing for the table—simply sliced. You will be more than pleased if you try this wonderful new variety in your garden this season. Pkt. 10c, oz. 50c, ¼-lb. $1.50, ½-lb. $2.75, lb. $5.00, postpaid.

CHICAGO PICKLE (No. 217) Largely used by pickle manufacturers. Prolific sort with fruits of medium size, dark green in color and with prominent spines. Pkt. 5c, oz. 15c, ¼-lb. 35c, ½-lb. 65c, lb. $1.10, postpaid.

EARLY CLUSTER (No. 218) Extra prolific sort, setting its fruit in clusters of two and three. The fruits are dark green, short and particularly suitable for pickle. Pkt. 5c, oz. 15c, ¼-lb. 35c, ½-lb. 65c, lb. $1.25, postpaid.

WEST INDIA GHERKIN (No. 219) Produces a small fruit only. Used exclusively for pickling. The vines make strong, healthy growth, but are rather slender and have only small foliage. The fruits are of thick, round form, covered closely with spines and contain many seeds. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 70c, lb. $1.25, postpaid.

NICHOLS' MEDIUM GREEN (No. 220) For early forcing, late planting or ordinary table use. Pkt. 5c, oz. 15c, ¼-lb. 35c, ½-lb. 60c, lb. $1.00, postpaid.

EARLY FRAME OR SHORT GREEN (No. 221)

Fruits of medium size, excellent for pickles or slicing. Pkt. 5c, oz. 15c, ¼-lb. 35c, ½-lb. 60c, lb. $1.00, postpaid.

NEW KLONDIKE (No. 222) An attractive dark green sort, with many superior characteristics. The fruits average 6 to 7 inches long and 2 inches in diameter. They are produced extremely early, are of attractive color and of unsurpassed quality for slicing. When small make excellent pickles. Pkt. 5c, oz. 15c, ¼-lb. 35c, ½-lb. 60c, lb. $1.10, postpaid.

LEMON CUCUMBER (No. 223) This variety is highly prized for making preserves. Pkt. 5c, oz. 15c, ¼-lb. 50c.

SATISFIED

The Texas Seed & Floral Co.,
Dallas, Texas.

Gentlemen: Received seed all O. K. No complaints to make, thanking you very much for your premium of seed you sent me.

T. J. WOOLSEY.
ENDIVE
Sow and cultivate like lettuce. One ounce will sow 160 feet of drill.
GREEN CURLED (No. 225) Finely fringed leaves of bright green color. Tender and crisp when properly blanched. Pkt. 5c, oz. 15c, ½-lb. 40c, postpaid.
WHITE CURLED (No. 226) The thick center leaves are naturally of a pale yellow color, while the finely cut and curled leaves are pure white. It does not need blanching; is of large size and always crisp and tender. Pkt. 5c, oz. 15c, ½-lb. 40c, postpaid.

GARLIC
$300 to $500 Per Acre From Garlic
There is a growing demand for Garlic. In many of the large cities it cannot be supplied in sufficient quantities to satisfy the trade. All of the commission houses are anxious to buy good Garlic Bulbs. They can be planted either in the fall or in the spring. The Bulbs should be divided. The small sets are sometimes called Garlic Cloves, and in planting on a large scale can be dropped by hand or with a peanut planter. Price for undivided bulbs, 1 lb. 40c, postpaid. Not prepaid, 10 lbs. $5.00, 100 lbs. $30.00.

LEEK
A very delicately flavored member of the onion family. The leafy portion of the plants is used for flavoring soups or boiling with meats, while the white fleshy stems are boiled and either served with cream dressing, or as a salad with vinegar and salad oil. Cultivate the same as onions. Hilling up will blanch the stalks and improve their quality. One ounce will sow about 100 feet of drill.
LONDON FLAG (No. 232) A strong growing sort, hardy and excellent for winter use. Pkt. 5c, oz. 20c, ½-lb. 40c, ½-lb. $1.25, lb. $2.25, postpaid.

KALE OR BORECOLE
Col. rizada o Breton Loosely, curly leaved types of the cabbage family, particularly noted for their hardiness. They make excellent tender greens for winter use. In the south the most hardy varieties remain in the open ground all winter. Cultivate the same as cabbage. One ounce of seed is sufficient for 200 feet of drill.
DWARF CURLED SCOTCH (No. 227) (Dwarf German or German Greens.) Fine curled, bright green leaves. Very tender and of excellent flavor. Pkt. 5c, oz. 25c, ½-lb. 75c, ½-lb. $1.25, lb. $2.00, postpaid.
TALL GREEN SCOTCH (No. 229) Grows about 2½ feet high, making very attractive plants. Pkt. 5c, oz. 25c, ½-lb. 75c, ½-lb. $1.25, lb. $2.00, postpaid.
JERSEY KALE OR THOUSAND HEADED (No. 229) A tall variety with smooth leaves. Especially used for feeding chickens. Furnishes lots of green feed. Pkt. 5c, oz. 15c, ½-lb. 35c, ½-lb. 50c, lb. $1.50, postpaid.

HORSE RADISH
Grown for its roots, which have a pungent, mustard-like flavor. Small pieces of roots, 4 to 5 inches long, are planted for propagation. Roots 5c each, 40c per dozen, $2.00 per 100, postpaid.

KOHLRABI (Turnip Rooted Cabbage)
Grown for its thick, bulb-shaped stalks, which, while young, are prepared in the same manner as turnips and which furnish a most desirable vegetable. One ounce of seed will drill 200 feet.
EARLY PURPLE VIENNA (No. 230) Similar to the Early White Vienna except in color, which is a bluish purple. Pkt. 5c, oz. 30c, ½-lb. 75c, postpaid.
EARLY WHITE VIENNA (No. 231) Fine for forcing or cultivation in open ground. Has very short tops. Flesh is white, tender, and of excellent table qualities. Pkt. 5c, oz. 30c, ½-lb. 75c, postpaid.
LETTERUCE

Sow in rich, moist ground early in the spring as soon as the ground can be put in good shape. Sow in rows two feet apart and thin out the plants until they stand one foot apart in the row. As the quality of Lettuce depends largely upon quick growth, frequent cultivation should be given to encourage it. Make successive sowings until July and again at the end of August for fall supply. When wanted as a cut salad, sow the seed thickly in rows or broadcast. One ounce will sow 150 feet of drill.

TEXSEED BIG BOSTON LETTUCE (No. 233) (White seeded) We have our own strain of Big Boston Lettuce which has been grown for us for a number of years by our own grower. This is by far the most popular variety of Lettuce grown. It is especially adapted for the market on account of its keeping qualities, and is grown by the hundreds of acres in South Texas as a Winter Lettuce. It is greatly liked by market gardeners on account of its keeping qualities, and by Hotel and Restaurant Men for the reason that there is very little waste. It forms large solid heads, with broad, compact, smooth leaves. They are of a light green color and very tender when well grown.

Price, pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 75c, lb. $1.00, postpaid.

TEXSEED NEW YORK LETTUCE (No. 234) This variety is becoming very popular with market gardeners and shippers of Lettuce. It is sometimes called Cabbage Head Lettuce, as it produces immense heads, often measuring 15 to 16 inches across. The heads are very heavy and compact. The interior is beautifully blanched and creamy white, crisp and tender, being absolutely free from any trace of bitterness. It is a very large, robust growing variety, rooting well and resists hot weather much better than any other variety of Lettuce that we know of. It is very slow to run to seed, therefore keeps much better in the field than most varieties. We especially recommend this variety to shippers, as it keeps well. The outer color is a distinct apple green.

Price, pkt. 5c, oz. 15c, 1/4-lb. 55c, 1/2-lb. 85c, lb. $1.50, postpaid.

COS OR CELERY LETTUCE (No. 235) Is one of a distinct upright growth, very crisp and mild in flavor. Especially adapted for growing in warm climates and thrives best during the summer months. Pkt. 5c, oz. 15c, 1/4-lb. 50c, 1/2-lb. 85c, lb. $1.50, postpaid.

SUMMER SALAMANDER (No. 236) The most popular summer variety as it stands a great amount of heat without burning. Heads are compact and tender, creamy white on inside and of a very rich buttery flavor, outer leaves are bright green. Heads are of large size and are good keepers.

Price, pkt. 5c, oz. 15c, 1/4-lb. 50c, 1/2-lb. 85c, lb. $1.50, postpaid.

TEXSEED WAY-AHEAD LETTUCE (No. 237) This variety describes its earliness, as it is ahead of any other variety on the market, and is particularly adapted for large growers and shippers of Lettuce. It is a beautiful pea green color on the outside and blanches to a creamy yellow on the inside. Our strain is very uniform, and is especially grown for the most particular trade. It is about the size of the Big Boston, very crisp and tender, and is very desirable on account of its earliness.

Price, pkt. 5c, oz. 15c, 1/4-lb. 50c, 1/2-lb. 80c, lb. $1.25, postpaid.
LETTERE

GRAND RAPIDS (No. 238) The well known forcing variety for the Middle West, where butter-headed or cabbage varieties do not grow well under glass. Is a loose-bunching variety, forming no definite head. Is extremely curly, and its light, yellowish-green color makes it very attractive. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

CALIFORNIA CREAM BUTTER (No. 239) Excellent for open ground, forming large, solid, light green head, the inside of which is blanched to a creamy yellow. Large. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

BROWN DUTCH (No. 240) One of the best for fall planting, as it is very hardy and can stand a great deal of cold. The heads are of good quality and always find a ready sale. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

TEXSEED JUMBO LETTUCE (No. 241) Said to be the largest Lettuce in cultivation. Notwithstanding its great size, it is tender, sweet and crisp. The large, fine heads are sometimes 12 inches in diameter and 2 feet in circumference. Should be planted as a succession to May King for use during the summer months. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

BLACK SEEDED SIMPSON (No. 242) Makes large bunches of curly mild, crisp leaves. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

EARLY CURLER SIMPSON (No. 243) Forms close bunches of attractively curled tender leaves. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

PRIZEHEAD (No. 244) Forms large, loose heads, which will not stand shipment to distant markets. The outer leaves are bright green, shaded with brownish red. They are large and thin, attractively curled and very tender. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

ICEBERG (No. 245) The most solid head Lettuce we know of. The strong main ribs of the leaves curve strongly toward the center, preventing the leaves from opening outward. As a result, the inside is constantly being blanched and is very crisp and tender. The curly outside leaves are light green, with reddish tints on the edge. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

IMPROVED HANSON (No. 246) One of the best for growing during the hot summer months, as it will stand heat and dry weather to perfection. The large, solid heads weigh sometimes two or three pounds. They are of light green color outside and white within, tender, crisp and of fine flavor. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

PASSION (No. 247) One of the most popular varieties with market gardeners. Medium-sized cabbage, butter-heading sort. We have the best and truest stock of this variety that can be obtained. It is especially recommended as a garden Lettuce for our climate. It heads well and bears shipping remarkably well, since it revives nicely after wilting. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.25, postpaid.

MAY KING LETTUCE (No. 248) Originated in Germany some five years ago, where it quickly attained great popularity. Over here its merit was instantly recognized by planters throughout the country, and today it is the best early heading, butter-headed Lettuce in existence. Planted in the open ground very early in the spring, the plants quickly form attractive, tightly folded heads 6 to 8 inches in diameter. The firm, solid heads stand shipping to perfection, and the fine, rich, buttery flavor will bring many customers. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

DEACON (No. 249) Highly esteemed for its firm heads, which are remarkably solid and stand a great deal of hot weather before going to seed. Of finest quality, with thick, crisp leaves. The outside leaves are light green, while the inner portion of the head is of beautiful creamy yellow color. Pkt. 5c, oz. 15c, 1/4-lb. 40c, 1/2-lb. 65c, lb. $1.00, postpaid.

MUSTARD

SOUTHERN GIANT CURLED (No. 251) Very attractively curled sort, which is exceedingly popular in the South. Largely planted in the fall for early spring greens. We offer the true strain. Pkt. 5c, oz. 10c, 1/4-lb. 30c, 1/2-lb. 50c, lb. 75c, postpaid.

OSTRICH PLUME OR FORDHOOK FANCY (No. 252) Most beautiful variety of very superior quality. The leaves are beautifully ruffled. Pkt. 5c, oz. 10c, 1/4-lb. 30c, 1/2-lb. 50c, lb. 75c, postpaid.

CHINESE GIANT (No. 253) The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent. Plants are 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. Pkt. 5c, oz. 10c, 1/4-lb. 30c, 1/2-lb. 50c, lb. 75c, postpaid.

WHITE (No. 254) Good for culinary purposes, but easily running to seed. Pkt. 5c, oz. 10c, 1/4-lb. 50c, postpaid.

BLACK OR BROWN (No. 255) Pkt. 5c, oz. 10c, lb. 50c, postpaid.

PLAIN LEAF MUSTARD (No. 256) There is a demand for a large, plain leaf mustard and we have an excellent strain. Pkt. 5c, oz. 10c, 1/4-lb. 25c, 1/2-lb. 40c, lb. 65c, postpaid.

When young, the leaves are used for salad, which, although slightly pungent, is very appetizing. Mustard may also be cooked like Spinach and will make a very wholesome dinner. One ounce will sow 50 feet of drill.

SOUTHERN GIANT CURLED MUSTARD

"SOME TURNIPS"

The Texas Seed & Floral Co., Dallas, Texas.

Gentlemen:

I just want to tell you how delighted I am with the "Texaseed." In the spring I ordered Seed and raised some of the finest turnips I ever saw. Some of them weighed eight pounds. There was a great demand for them because of the size and flavor.

Sincerely,

Mrs. J. L. Durham.
CANTALOUPE

We have been experimenting and testing for many years to ascertain whether there were more desirable sources from which to secure our seed stocks. We are greatly pleased to now announce that our own great State of Texas has been fully demonstrated to be better adapted to the production of CANTALOPE SEED than the more Northern States. The crop enjoys better health here. It matures more perfectly. There are many points in Texas where the soil will produce Cantaloupes of better flavor. We can have our seed crop grown in Texas on new soil every year. Seed grown in Texas will produce mature Cantaloupes as early as seed grown anywhere. Seed grown in Texas are better adapted to climatic and other conditions affecting Southern crops.

For these and other sound reasons we are having our Cantaloupe seed grown in Texas, being assured that we can thus supply our customers with better seed. We can buy Rocky Ford seed at lower price solely the best interest of our friends that has prompted the change. We invite our friends who may be skeptical on this point to test and compare our seed with seed grown elsewhere. We would suggest that in making such test that you plant samples of each seed at same time and under same conditions rather than taking our seed in one field and other seed in another. We simply wish to supply you with whatever is best for you to have.

Plants our good strong and healthy Texas seed.

Sandy loam and sand-clay soils are best adapted. Deep white sand will produce a light and late crop.

Sandy loam and sand-clay soils are best adapted. Deep white sand will produce a light and late crop. Soil should be well drained for Cantaloupes. This crop does not require rich land, and will do well on poor soils, if well fertilized. A pea crop turned under the season before, or a clover, vetch, rye or other winter cover crop turned under and well settled down is excellent fertilizer. A heavy application of barn-yard manure in the drill in mid-winter is good. A home mixture of Acid Phosphate 2-parts, Cotton seed meal 1-part and Kainilt 1-part will give good results on the average land. Soil should be very thoroughly pulverized before raising seed-bed. Plant seed about 1 inch deep in a little drill 10 inches long on your “hill” which should be somewhat above a natural level. In case soil is rich or made so, rows should be about 6 feet wide and hills not more than 3 to 4 feet apart. Leave two plants to hill, thinning before vine starts out. Cultivate gently and very rapidly till crop sets. Don’t expect a good crop of Cantaloupes with sorry treatment. Plant with good assurance of pleasure and success if you do your part. Few things respond to attention more promptly than the Cantaloupe.

Texseed Honey Dew Melon (No. 258)

This famous new melon is a cross between a Cantaloupe and a Cressina. Two years ago the seed were so scarce, the price made it impossible for us to offer as the seed sold for $2.00 per pound. This melon has taken the country by storm—never before has there been any melon that was so much talked about. The growers who were lucky enough to have a crop of this melon, readily sold them for $1.75 per crate of six. They were on the Hotel and Cafe menus at sixty cents for one half.

The Honey Dew is almost perfectly round, smooth, light yellow in color, turning to a lemon color when ripe. Melons are uniformly large, weighing five to six pounds each. The flesh is a light color, very thick meated with a small seed cavity and can be eaten to the rind. The flavor is typical to the name, for it is truly like the honey-dew, and a grander eating melon has never been produced.

Pressley’s Emerald and Gold Cantaloupe (No. 257)

This Cantaloupe has every leading quality for a shipper’s ideal. It is thick fleshed with small, elongated seed cavity, the seed being held firmly in place. The surface shows the characteristic indentation of the true mathematical mathematician knows, resists greater pressure than the even or smooth surface. The netting is silvery-grey and solid over all. The size is slightly larger than the standard, running about 4 ½ by 5 inches. There is no disposition to weather-crack. Netting forms against the ground instead of turning white and smooth as some varieties. The maturity develops in such way that ripeness is indicated by surface appearance while meat is still very firm and compact, enabling the long distant shipper to gather easily and properly. When gathered slightly green for long shipment it does not wither or become insipid but retains rigidity and flavor to an unusual degree. Where shipment in crates is desired, it is better to crowd plants somewhat, hill about three by five feet with two to three plants to the hill in good soil. Light soil may better have slightly more space.

TEXSEED MELON COLLECTION (No. 259)

The Texseed Honey Dew Melon and Pressley’s Emerald and Gold Cantaloupe are two brand new melons of exceptional merit. Your garden will not be complete without them. We offer a special collection of an ounce packet of each for forty cents, postpaid.
CANTALOUPES—Continued

HACKENSACK OR TURK'S CAP (No. 262) Very hardy, of good size, round, heavily ribbed and netted. The meat is green, thick, firm and of excellent flavor. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 70c, lb. $1.25, postpaid.

GARDEN LEMON (No. 263) This is sometimes called the Hackensack. It is very valuable for preserves. Pkt. 5c, oz. 25c, ¼-lb. $1.00, postpaid.

TEXSEED IMPROVED NETTED ROCK CANTALOupe (No. 261) We believe this to be the finest strain of Cantaloupe on the market today. It is very hardy, of good size, round and deeply netted. Of delicious flavor. Pkt. 5c, oz. 10c, ¼-lb. 35c, ½-lb. 60c, lb. $1.00, postpaid.

ROCKY FORD (No. 267) Our seed comes from one of the most careful growers in Rocky Ford, Colorado, who makes a specialty of growing these melons for seed only. This seed produces melons of splendid quality and uniform size which bring top prices in Northern markets. They weigh from 1½ to 2 pounds each. Skin green, thin, ribbed regularly. Flesh thick, light green, melting and luscious. The strong prolific vines ripen the fruit very early. Pkt. 5c, oz. 15c, ¼-lb. 45c, ½-lb. 80c, lb. $1.40, postpaid.

IMPROVED BANANA (No. 270) Produces fruit of the finest quality, 1½ to 2½ feet long. Rind thin and comparatively tough. Flesh of a beautiful red salmon color, of excellent flavor. Withstands the heat to perfection. Excellent for family use. Will also ship well if gathered at the proper stage. Pkt. 5c, oz. 15c, ¼-lb. 45c, ½-lb. 75c, lb. $1.35, postpaid.

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WATERMELONS

Texas produces the finest watermelons in the world—our seed are all Texas grown, raised near us where we can inspect the crop as often as we like. We were most fortunate several years past in securing a most conscientious grower. The greatest care is used in discarding melons of off type—taking only the large strong melons for the seed.

To Grow Melons Successfully

Plant in sandy soil that is well drained. If soil is not naturally loose and mellow, make it so by thorough tilling. Propagation of the seed is half or more of battle for success with any crop. Fresh soil requires little or no fertilizer. Good melons may be grown from old thin soil if well fertilized. Soil-building crop turned under is best fertilizing method. Lot manure is good, best applied broad-cast in winter and broken in, or may be applied in less quantity and about hills. Construct seed-bed so as to drain hills. Space hills not less than 10 feet either way. Open little furrow about 1½ inches deep and drop in seed about 1 inch apart. Cover seed about 1½ inches deep and stand will be assured if soil is in proper warmth and moisture. Many failures are caused from careless planting. A temperature of 65 is necessary to germinate melon seed. So don’t plant till ground is warm. Thin to two plants to hill when vigorous growth begins. Cultivate crop very frequently and gently till fruits set. Keep clean. High winds and sand-blows damage melons. Consider this in location. Do not plant melons on same land successive seasons if avoidable. Use vigilance and energy against insect pests under advice of State Entomologist. The worst enemies are the diabolical cucumber beetle and the Aphides or common plant lice. The former destroy plants when young and may be controlled by dusting plants with Arsenate of Lead or same mixed equal parts with Hydrated Lime. Perhaps Kerosene Emulsion spray is best treatment for Aphids, which usually attacks about time crop is setting. An effective measure is carefully burning or burying the first plants on which lice appear.

Fortunately the melon is almost a sure cropper, and the careful following of these simple directions will almost insure success. We will be glad to correspond with any one desiring to give or get help on producing this very important crop.

TEXSEED TEXSWEET WATERMELON (No. 280) In our 1917 catalog we introduced the No Name Watermelon and offered a prize of $25.00 in gold to the party selecting a new name for this melon. The selection was made as stated in our 1917 catalog and the prize winners were Mr. Fred Briggs, Kempner, Texas, and R. R. Gibson, Davis, Okla. It was the intention of the committee that the above prize should go to one party but as both the above gentlemen selected this name, they decided that the prize should be split—we believe this was a fair disposition of the matter. This melon is without a doubt one of the greatest we have ever offered to our customers—It has so many good points that will make it a favorite in the great Southwest. It is immense in size, often weighing as much as seventy-five pounds—it is a great drought resister—many of our customers having reported satisfactory results on this variety when other varieties were absolute failures.

The flesh is of a dark crimson, very crisp and sweet and does not get soft and flabby for a long time after ripening. It will remain in good condition longer than any other melon we know of. This melon is also very hardy.

The vines of this melon have a habit of taking root at the joints along the vine, which, of course, is a great factor in the way of gathering plant food. This melon will get up and do its best by giving plenty of distance, say, twelve to fourteen feet each way, and with favorable seasons will quite cover the land with vines and melons, allowing one and two vines to the hill.

The color is a mixture of dark green, with a darker green stripe, very tough rind and of an oblong shape.

Texseed Texsweet Watermelon seed is very scarce this season—we are therefore able to offer in packages only. Price per packet 25c, postpaid.

ALWAYS MAKES A GOOD MELON

Parker County, Texas, Sept. 5, 1917.
The Texas Seed & Floral Co., Dallas Texas.

Gentlemen: I planted your Golden Honey Melons this year; I made 115 good Melons on one row about 200 yards long. Some of them weighed 40 pounds. I had not a single melon that was not good to eat from the Golden Honey Melons.

With good wishes to your Seedhouse,

Yours truly, J. M. KELLY.
WATERMELONS—Continued

TEXSEED EXCEL (No. 275) This new melon provides the Planter and Shipper who is always looking for something better, something real and worthy to tie on to. In a word, where hauling and shipping to distant market is done, this new melon does really EXCEL.

It is long like the Watson and Means, but not slim like them. It is fat, full, and larger than other long varieties. The color is dark green with very dark ornamenting stripes. On close inspection the very small, vein-like, criss-cross marking similar to the Watson may be observed. Though the flesh is firm and solid, there is less "stringiness" than in many other varieties. There is no hard, white heart to discard. These qualities and this make-up naturally constitute a melon wonderfully resistant to the abuse incident to rough hauling and long shipping. It is an excellent keeper. This melon may be left in field three weeks after first ripe and then shipped to distant market and keep well.

Price, pkt. 5c, oz. 15c, ¼-lb. 50c, ½-lb. 85c, lb. $1.10, postpaid.

MEAN'S TEXSEED WATERMELON (No. 278) Those big, luscious melons are capturing blue ribbons at all fairs and are a decided innovation in Watermelons. "The melon is oblong, specimens measuring 18 inches from stem to blossom. Color is light green, with a fine, dark green netting enveloping the entire melon. The meat is of a rich crimson, solid, crisp, delicious and melting, and contains but few seeds, that are cream colored, with dark border." Pkt. 5c, oz. 15c, ¼-lb. 60c, ½-lb. 85c, lb. $1.40, postpaid.

ALABAMA SWEET (No. 276) Watermelons. This is a truly the sweetest of all large, oblong melon; color, dark green with faint lighter stripes, being of good size though not ungainly, it is first-class for shipping purposes. Its flavor is simply delicious. It is entirely stringless, and its outside appearance is attractive. Its size and shape is such as to make it one of the best market melons, and we cannot recommend it too strongly to the Southern planter. Pancy selected Southern-grown seed. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.10, postpaid.

TEXSEED GOLDEN HONEY (No. 279) A beautiful golden flesh melon, one of the finest we have ever tasted. The flesh is a beautiful, glistening amber shade of yellow, very tender, and has a most delicious flavor, very similar to that of the celebrated Halbert Honey Watermelon. 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. Some people are more or less prejudiced against a yellow-fleshed melon, but this prejudice will quickly disappear once you taste the Golden Honey. This melon has no hard core or stringy sections. The rind is thick and the seeds are large and white, some of them having a small black tip. We believe this is one of the finest melons we have ever introduced. Try this melon this year and we believe you will be more than pleased with it. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 70c, lb. $1.25, postpaid.

TOM WATSON WATERMELON (No. 277) This melon was introduced in Georgia some years ago, and today is considered one of the best melons that have been grown in that section. It is of the long green variety, with small white veins running over the rind. It is one of the finest melons we have ever seen, and we recommend it to our customers who want a first-class melon, especially for shipping purposes. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 70c, lb. $1.25, postpaid.
HALBERT HONEY  
(No. 281)  
A Texas Melon and particularly adapted for our state. It greatly resembles the Kleckley Sweets, but is of darker color and more even and regular in shape. Can not be shipped great distances as the rind is very brittle, but it is unsurpassed for home markets and family use. It grows from 16 to 20 inches long, is dark green slightly ridged and blunt at the blossoms and stem ends. The meat is sweet as honey, mealy and mild, with no trace of pulp. Brings always higher prices than any other melon on the market. 
Pkt. 5c, oz. 15c, ½-lb. 40c, ½-lb. 75c, lb. $1.25, postpaid.

HALBERT'S RUBBER RIND (No. 282)  
This new melon is an offshoot differentiated from the Halbert Honey after seven years of patient toil to bring it to its great perfection of beauty and utility as a shipper. It is decidedly the handsomest melon in shape and color of all varieties for shipping purposes. Rind very dark green, almost black; very thin and exceedingly tough, almost as a piece of rubber, hence the name. Shape oblong and quite large in size, weighing from 15 to 190 pounds in good seasons and nice soil. Flesh dark red color, sweet and quite tender for a melon of this sort a rind. Seed large, mostly mottled with black and white, but some seeds are white with dark rim around the edge. We will add what some who have tried the melon say about its shipping qualities.

ANGEL KISS WATERMELON (No. 283)  
One of the earliest and best tasting melons in existence. With flesh of the deepest indescribable crimson, delightfully sweet and refreshing, we feel justified in "dubbing" it Angel Kiss. By careful selection year after year, we have reached a degree of perfection that we have never seen in any other melon. It grows from medium to very large, very long in shape and nearly white in color, handsome and attractive. The flesh is the sweetest, tenderest, and the very deepest crimson we have ever seen in a melon. We do not hesitate to say that it is the very earliest good melon in cultivation. 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 runways. 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. Seeds are small and very few in the melon. We have cut melons of this kind frequently weighing from 40 to 60 pounds, with less than two hundred seeds. Surely no melon could be better! We had samples of the melon and left us last summer, and must say that they were the best melons we have tasted in a number of years. We consider this to be the best melon for home use that we know of, and feel sure that our customers will also say so after they have tried it.

GEORGIA OR KLECKLEY SWEETS  
(No. 285)  
One of the best and sweetest flavored varieties in cultivation. On account of its thin rind it will not stand shipment to distant markets, but it is the best that can be grown for home use and nearby markets. The skin is dark green. It is of symmetrical oblong shape, well rounded on both ends. The flesh is scarlet, firm and solid, and of delightful sugary flavor. Finely selected Southern-grown seeds. 
Pkt. 5c, oz. 15c, ½-lb. 40c, ½-lb. 75c, lb. $1.25, postpaid.

"KLECKLEY'S SHIPPER" (No. 284)  
This most excellent melon is the best keeper we know of. It is oblong in shape, from twenty to thirty inches long and can be grown to weigh from fifty to seventy pounds. The flesh is bright scarlet, solid, sweet and juicy. Some are colored with dark stripes, while others are dark green. You will find these melons to be fine shippers. Price of seed: Pkt. 5c, oz. 15c, ½-lb. 50c, ½-lb. 85c, lb. $1.30, postpaid.

The Texas Seed & Floral Co., Dallas, Texas.

Gentlemen: The melon seed I got of you last year were fine. The Tom Watson Melons ranging from 40 to 69 pounds. I sold from 175 hills $250.00 worth of melons. Didn't have scarcely any rain.

Respectfully,

B. B. WATSON.

Young County, Texas, January 24, 1917.
WATERMELON

COLO. PRESERVING CITRON (No. 295) Flesh white and very firm. Excellent for making preserves. Melons grow to a good size, often weighing 20 pounds. Pkt. 5c, oz. 10c, ½-lb. 35c, ½-lb. 60c, lb. $1.00, postpaid.

BRANCH'S GENUINE RATTLESNAKE (No. 289) Of excellent quality and a splendid shipper. It has a thin rind, flesh deep scarlet, very sweet and luscious. Branch's Rattlesnake Melons have sold at good prices in glutted markets when other sorts would not bring freight charges. This strain has been kept pure by constant selection throughout the last thirty years. Pkt. 5c, oz. 15c, ½-lb. 40c, ½-lb. 75c, lb. $1.25, postpaid.

JOHNSON'S DIXIE (No. 294) Very popular with truckers and melon growers everywhere and highly recommended by them. Fancy selected Southern-grown seed. Pkt. 5c, oz. 10c, ½-lb. 25c, ½-lb. 45c, lb. 75c, postpaid.

LONG WHITE PIE MELON (No. 296) This is a splendid variety for stock. Makes a splendid yield of large stock melons. Fine keeper, can be stored and fed during the winter as needed. Pkt. 5c, oz. 10c, ½-lb. 35c, ½-lb. 65c, lb. $1.00, postpaid.

CHILEAN WATERMELON (No. 292) The Chilean 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. The appearance of this little, dark, round melon when cut always attracts attention on account of the deep, rich, dazzling color. It is delicious. Pkt. 5c, oz. 15c, ½-lb. 40c, ½-lb. 75c, lb. $1.35, postpaid.

KOLB'S GEM (No. 293) Excellent shipper and largely grown for Northern markets. Flesh is bright red, but rather coarse. Quality fair. Pkt. 5c, oz. 10c, ½-lb. 30c, ½-lb. 50c, lb. 90c, postpaid.

GIRARDEAU'S TRIUMPH (No. 290) Grows to larger size than any other melon in cultivation. Specimens are grown weighing nearly 150 pounds. It is a very prolific sort, is early and the melons are of uniform shape. In color and handsome appearance it resembles Duke Jones, which is one of its parents. An excellent shipping variety. Fancy selected Southern-grown seed. Pkt. 5c, oz. 10c, ½-lb. 35c, ½-lb. 60c, lb. $1.00, postpaid.

BRADFORD (No. 297) The vines are strong and healthy, producing a large number of attractively shaped melons. The color is dark green with darker stripes. The flesh is of fine flavor and contains no stringy substance. Although the rind is thin it is a desirable shipping melon. Largely grown in the South and particularly popular with market gardeners. The seeds are small, white, and arelecked with a brown spot. Fancy selected Southern-grown seed. Pkt. 5c, oz. 15c, ½-lb. 35c, ½-lb. 60c, lb. $1.00, postpaid.

TEXSEED WATERMELON COLLECTION (No. 286) We are combining three of our very best varieties in this collection. TEXSEED EXCELLENT is practically a new Watermelon but has proven itself to be a winner. Every one of our customers that tried this melon will certainly plant it again this season. GOLDEN HONEY is without a doubt the best of all yellow meated melons—also the sweetest melon that grows. ALABAMA SWEET—the flavor is most delicious, the meat is stringless, has a most attractive outside appearance. We are placing an ounce package of each of the above excellent varieties in this collection. Price, each, postpaid, 25c.

Pleased with our melon seed.

The Texas Seed & Floral Co., Dallas, Texas.

Gentlemen: I bought my first seed from you this spring. The Tom Watson Watermelon was the best I ever had, producing melons true to type and of the best quality. The Rocky Ford Canteloupe Seed also produced the best I ever had, and I have been farming for a good while. Yours truly,

ROBERT H. CRITTENDEN,
TEXSEED ONIONS

One ounce will sow 100 feet of drill. Four pounds will sow an acre.

We pride ourselves on selling the very best Onion Seed that can be produced, and are now supplying some of the largest Onion growers of the country. By sowing our Seed large Onions may be produced direct from the seed.

CULTURE—Sow in early spring, in moist soil, as soon as the weather will permit in rows twelve inches apart, and cover half an inch deep. If the onions grow too thick, thin them about an inch apart, or only a few very few onions will be the result. Manure highly (20 loads per acre being used by market-gardeners with profit), and if manure is not plentiful, some good phosphate, at the rate of 400 to 800 pounds per acre, will give splendid crops. A top-dressing of wood ashes, applied after the second weeding, is very beneficial.

SOIL—Onions need a rich loam with a slight mixture of clay, manuring for two years previous.

MANURING—A liberal use of manure is essential, and it should be the best quality, well fermented and shovelled over at least twice during the previous winter to kill weed seeds.

PREPARATION—Spread the composted manure evenly at the rate of about 20 cartloads to the acre. This should be first cultivated in, and then the ground plowed to a moderate depth, taking a narrow furrow so as to thoroughly mix the manure with the soil.

SOWING THE SEED—This can be done best by a hand seed-drill, which should be carefully adjusted to sow the desired quantity of seed about one-half inch deep. Thin seeding gives much larger Onions than thick seeding. Three or four pounds per acre is the usual quantity needed to grow large Onions.

CULTIVATION—Give the Onions the first hoeing as soon as they can be seen in the row. Hoe again in a few days, after which weeding must be begun. The weeder must stir the earth to destroy any weeds that have just started. At this weeding or the next, according to size of plants, the rows should be thinned, leaving from eight to twelve plants to the foot. In ten days or two weeks they will require another hoeing and weeding similar to the last.

GATHERING—As soon as the tops die and fall, the bulbs should be gathered in windrows. Do not store Onions in large piles, particularly in warm weather, or if they are in the least moist; but if perfectly dry when gathered and they are spread not to exceed two feet in depth, they can be kept in fine condition till spring. Keep them dry and at a uniform temperature.

BIG MONEY IN ONIONS

The Onion crop of 1917 brought the growers the highest prices in many years. The 1916 crop also sold for very high prices. Onions are a staple crop and always in demand. The high prices were due to the heavy demand in this country and large quantities were exported, as a usual rule exceptionally large quantities are imported to the United States from foreign countries, flooding the markets. We believe that conditions for 1918 will be the same as 1917—there will be a good opportunity to receive good prices for onions, in fact all kinds of garden truck will be in demand at good prices. The onion seed crop is very short and prices are high; we will therefore ask that you order early. We advise that you use care in selecting the varieties you plant. We are listing only varieties that are best adapted to the South and Southwest.

BERMUDA ONIONS. The Bermuda Onion has made Texas famous. During 1917 there was about 6000 cars of these onions shipped by Texas growers. They are the earliest and mildest onions in cultivation.

The Yellow Bermuda, Crystal White Wax and Red Bermuda are imported by us every year from the Canary Islands, for years of experience have proven that the seed grown in the Canary Islands are by far, the finest. Every season we book in advance thousands of pounds of seed for the largest growers who have learned from experience that Texseed Brand Seed are superior.

We are very particular in selecting our seed and every lot is carefully tested in our Seed Laboratory for germination in order that our customers may know the germination value of the seed before they plant them. We are now booking orders for Fall 1918 delivery and will be very glad indeed to have you write us as early as possible, stating the quantity that you desire, and we will take pleasure in quoting you.

IMPORTED YELLOW BERMUDA (No. 300) (Seed very scarce.) Planted extensively by market gardeners in the South for shipping. While it is known as White Bermuda, the name is misleading, as it is really a light straw-colored Onion. Tenerife-grown seed, pkt. 10c, oz. 25c, ½-lb. 85c, $1.50, lb. $2.75, postpaid.

IMPORTED RED BERMUDA (No. 301) (Seed very scarce.) Our genuine Bermuda Red is a favorite for home use and home markets in many parts of the South. Pale wax red; the variety in all sections where a Red Onion is preferred. Tenerife-grown seed, pkt. 10c, oz. 25c, ½-lb. 85c, ½-lb. $1.50, lb. $2.75, postpaid.

CRYSTAL WHITE WAX (No. 302) (Seed very scarce.) This beautiful Onion is very largely grown by market gardeners and large planters in Southwest Texas. In form it much resembles the Bermuda type, being a large, flat Onion. Its extreme earliness in maturing gains for it its popularity wherever grown. Its color is a beautiful crystal white with a decided waxy appearance; hence its name. Not only is it an excellent market variety, but a splendid table sort. Thousands of bushels are shipped from Texas to the Northern markets every spring and command the highest prices. Plant in South Texas in September and October; in North Texas in February and March. We would recommend this variety to the private planter, as well as the market gardener, as being of most excellent quality. Pkt. 10c, oz. 40c, ½-lb. $1.40, ½-lb. $2.25, lb. $1.00, postpaid.

SEE NEXT PAGE FOR OTHER VARIETIES OF ONION SEED
GIANT YELLOW PRIZETAKER (No. 303). This is by far the handsomest and most productive variety of Yellow Globe Onions. The crop of this variety is folding, and for this reason, we therefore suggest that our customers plant the Yellow Bermuda Onion as it can be raised successfully in any section where the Prizetaker will grow. Many acres were raised in 1917 with considerable success, and a large acreage will be planted this year. We are making this variety available as the Prizetaker crop is very short, so the price will naturally be high on this variety. Pkt. 10c, oz. 40c, $1.25, 1/2-lb. $2.35, lb. $4.25, postpaid.

EARLY WHITE QUEEN (No. 304). The earliest ripening Onion in cultivation, producing handsome silver skinned bulbs of beautiful appearance, early in summer. Largely used for small pickles, as it is of fine mild flavor. Pkt. 10c, oz. 50c, 1/4-lb. $1.60, 1/2-lb. $3.00, lb. $5.50, postpaid.

EXTRA-EARLY WHITE PEARL (No. 305). Grown almost exclusively by the truck growers in the vicinity of Dallas, who consider it the best of all white varieties. The bulbs are of good size, pure white and very showy. The flavor is so mild that the onions may be eaten raw like an apple. We sell enormous quantities of seed of this sort every year. Pkt. 10c, oz. 50c, 1/4-lb. $1.60, 1/2-lb. $3.00, lb. $5.50, postpaid.

TEXSSED DENIA (No. 312). This is a practically new variety of onion with many of our customers, although it has been grown for some time past. It is of Spanish origin and one of the largest varieties grown of commercial value. It is considerably larger than the Prizetaker. In fact, it will take two large Prizetakers to equal the Denia in weight. It is a light straw color, of very fine grain. This is the very best, as usually the large onions are coarse. All the bulbs of this variety are of a very mild flavor. It is an exceptionally good keeper. Pkt. 10c, oz. 50c, 1/4-lb. $1.50, 1/2-lb. $3.75, lb. $6.00, postpaid.

SOUTHPOR T WHITE GLOBE (No. 313). This is a silvery white Onion, globe shaped of a most excellent flavor and a good keeper. A good variety to grow for bunch onions. Pkt. 10c, oz. 35c, 1/4-lb. $1.10, 1/2-lb. $2.00, lb. $3.50, postpaid.

SOUTHPOR T LARGE RED GLOBE (No. 313). This handsome and most richly colored of all red sorts is becoming more popular every season. It is a rich, glossy, dark red color, and of a very showy appearance in the market. The bulbs are remarkably uniform in size and good keepers. Pkt. 10c, oz. 35c, 1/4-lb. $1.20, 1/2-lb. $2.00, lb. $3.75, postpaid.

AUSTRALIAN BROWN (No. 310). Of Australian origin, this splendid onion has proved desirable, and has a fine flavor. Other sorts have failed. It is adapted to a great variety of soils and is not easily affected by climatic conditions. The bulbs somewhat resemble the Danes in size. It is extremely early, maturing four weeks before the Red Wethersfield. The flesh is firm, of mild flavor, and ripe bulbs will keep in good condition for nearly a year after harvesting. Pkt. 10c, oz. 30c, 1/4-lb. $1.00, 1/2-lb. $1.75, lb. $3.00, postpaid.

YELLOW GLOBE DANVERS (No. 307). Handsome nearly globe-shaped bulbs of pale yellow color, crisp pure white flesh of mild flavor. Pkt. 10c, oz. 30c, 1/4-lb. $1.00, 1/2-lb. $1.75, lb. $3.00, postpaid.

LARGE RED WETHERSFIELD (No. 314). The most widely cultivated red variety, the standard winter Onion in many Northern states. The bulbs are well flattened, thick through and grow to a good size. The skin is of a rich, glossy deep red color, while the flesh is white, tinged with red. A most excellent keeper. Pkt. 10c, oz. 25c, 1/4-lb. 75c, 1/2-lb. $1.25, lb. $2.25, postpaid.

ONION SETS

WHITE. Qt. 50c, postpaid; by freight or express, not prepaid, qt. 30c, pk. $1.25, bus. $4.00.

DARK RED. Qt. 50c, postpaid; by freight or express, not prepaid, qt. 30c, pk. $1.25, bus. $4.00.

YELLOW. Qt. 50c postpaid; by freight or express, not prepaid, qt. 30c, pk. $1.25, bus. $4.00.

WE CAN SUPPLY BERMUDA AND WHITE PEARL ONION SETS IN THE FALL OF THE YEAR ONLY.

OKRA

The young, tender seed-pods of this plant are used for flavoring soups, stews, etc. They are regarded as a household necessity in the South, but are neither so well known nor so extensively grown in the North. Thin out the plants so that they stand 2 feet apart in the row. Gather the pods while they are young, as they become tough and woody as they get larger. One ounce will sow 200 ft. of drill.

REDOKRA. FAVORITE (No. 316). The sturdy plants grow 2½ to 3 feet high, have many leaves and bear attractive, smooth white pods at each leaf-joint. The pods are about 6 inches long and 1½ inches in diameter, gradually tapering to the end. While either green or yellow, the pods are tender and delectable. Pkt. 5c, oz. 10c, 1/4-lb. 25c, 1/2-lb. 35c, lb. 60c, postpaid.

DWARF GREEN (No. 317). Bears pods ready for use ten days to two weeks earlier than the tall sorts. The plants are of dwarf, stocky growth and very prolific. Pkt. 5c, oz. 10c, 1/4-lb. 20c, 1/2-lb. 35c, lb. 60c, postpaid.

WHITE VELVET (No. 318). Tall-growing sort, long white pods, which are round and glossy. Pkt. 5c, oz. 10c, 1/4-lb. 25c, 1/2-lb. 35c, lb. 60c, postpaid.

PERKINS PERFECTED LONG POD (No. 319). An improved strain of Perkins Mammoth Green Pod, with better shaped pods in abundance, which, when ready for use, are from 4 to 5 inches long, of handsome shape and color. Used largely by canners, as it is uniformly good quality. Pkt. 5c, oz. 10c, 1/4-lb. 20c, 1/2-lb. 35c, lb. 60c, postpaid.
TEXSEED PEPPERS

One Ounce of Seed Will Produce About 1,500 Plants

CHINESE GIANT (No. 321) This is the largest mild red Pepper in existence. The strong, stocky plants are of bushy, erect growth. The peppers are of enormous size; specimens weighing 18 ounces are found quite frequently. They are of square, block form, the flesh is very thick and extremely mild. Pkt. 10c, oz. 65c, ¼-lb. $2.25, ½-lb. $3.75, lb. $7.00, postpaid.

LARGE BELL OR IMPROVED BULLNOSE (No. 325)

Large, early sort, with thick, mild flesh. Pkt. 10c, oz. 40c, ½-lb. $1.40, ¼-lb. $2.65, lb. $5.00, postpaid.

NEAPOLITAN LARGE EARLY (No. 324)

The earliest and most productive of the large, mild Peppers. It develops fruit from ten days to two weeks earlier than any other variety, being ready for market the last week in June. Pkt. 10c, oz. 45c, ½-lb. $2.75, lb. $5.00, postpaid.

TABASCO (No. 327) Very hot and fiery fruits one inch in length and vivid scarlet in coloring. This is the true variety from which the famous Tabasco Sauce is made. Pkt. 10c, oz. 45c, ¼-lb. $1.35, ½-lb. $2.75, lb. $5.00, postpaid.

PIMENTO PEPPERS (No. 323) It grows unusually large and is very sweet and as an apple. You will probably recognize this Pepper by the canned Pimiento Peppers, which are imported into this country from Spain. Pkt. 10c, oz. 60c, ¼-lb. $2.00, ½-lb. $3.75, lb. $7.00, postpaid.

TEXSEED MIXED PEPPERS (No. 330) Account of the demand from home gardeners, we are this season offering a mixture of Peppers, containing both the sweet and hot varieties. This gives you an excellent assortment and you can certainly use all varieties for cooking, pepper sauces, etc. We are expecting a great demand for this mixture and you should not fail to order a packet of this for your home garden. Pkt. 10c, 3 pkts. for 25c, postpaid.

SMALL CHILI (No. 326) Small, conical pods, growing only 2 inches long. The most fiery sort on our list. Used for seasoning and sauces. Pkt. 10c, oz. 60c, ¼-lb. $2.25, ½-lb. $4.00, lb. $7.00, postpaid.

Parsley

Sow early in spring, as it germinates best when soil is cool and moist. Sow in drills 2 feet apart and thin plants 10 to 12 inches apart in row. Requires from three to five weeks to germinate. Soak twelve hours in water before planting.

DOUBLE-CURLED (No. 333) A favorite with market gardeners. The plants are of dwarf, compact habit, leaves heavily curled and trimmed of dark green. Pkt. 5c, oz. 10c, ¼-lb. 30c, ½-lb. 50c, lb. 80c, postpaid.

PLAIN OR SINGLE-LEAVED (No. 334) Excellent for seasoning. Hardy and strong-growing. Pkt. 5c, oz. 10c, ¼-lb. 30c, ½-lb. 50c, lb. 75, postpaid.

NEW PERFECTA PARSLEY (No. 335) This new variety comes direct to us from England, where it was originated. Of regular and compact growth, very finely curled moss leaves of a bright green color, making it the most attractive parsley for garnishing dishes. Flavor superior to any other variety. Pkt. 5c, oz. 15c, ¼-lb. 35c, ½-lb. 60c, lb. $1.00, postpaid.
PUMPKIN

Avoid planting Pumpkin in the garden, as they will mix with cucumbers, melons and other vines. Usually they are planted in the corners of the garden in the fourth hill. Pumpkins make excellent feed for hogs and cattle, and should be grown by every planter. One pound of seed will plant 500 to 600 hills.

LA GUNA MEXICAN PUMPKIN This is a small size pumpkin and it seems to stand dry weather exceedingly well. We understand that this pumpkin has been growing in Mexico for many years but has not been planted very extensively in the United States. Similar in size and shape to a squash. Also tastes like squash.

WHITE CASHAW OR CROOKNECK (No. 360) Fine for table use, as well as for stock feeding. The fruits have a hard, creamy white shell, grow about 2 feet long and the thick meat is of excellent quality. Pkt. 5c, oz. 15c, ½-lb. 40c, ½-lb. 70c, lb. $1.25, postpaid.

SMALL SUGAR (No. 361) A small round variety of excellent quality. The flesh is rich, yellow, very thick and sweet, and the skin is deep orange. We recommend this variety as the best for pies. Pkt. 5c, oz. 10c, ½-lb. 30c, ¼-lb. 50c, lb. 85c, postpaid.

LARGE SWEET CHEESE OR KENTUCKY FIELD (No. 362) A popular, very productive variety. The ripe fruits are flat, of rich, creamy yellow color, and measure about two feet in diameter. Flesh is tender and of excellent quality. Pkt. 5c, oz. 10c, ½-lb. 25c, ¼-lb. 40c, lb. 60c, postpaid.

BIG TOM OR LARGE FIELD (No. 363) Is grown mostly for feeding dairy stock, but also for most satisfactory quality for table use. Skin and flesh of deep rich orange color. Flesh soft and tender when cooked; good for pies. Pkt. 5c, oz. 10c, ½-lb. 35c, ¼-lb. 60c, lb. $1.00, postpaid.

PARSNIP

For spring and summer crops sow from January to March; for winter and spring sow from September to December. Sow in rows 12 inches apart, and when the plants are large enough thin them out to stand 4 to 6 inches apart in the row.

IMPROVED HOLLOW CROWN (No. 355) A great cropper, and considered the best for general cultivation. The roots are long, smooth, tender and very sugary. Pkt. 5c, oz. 15c, ½-lb. 45c, ¼-lb. 80c, lb. $1.50, postpaid.

TEXSEED EARLY INTERMEDIATE PARSNIPS (No. 356) This is an exceptionally fine variety of Early Parsnips. It is ready for the market 90 days after the planting of the seed, which is extremely early for Parsnips. It is becoming very popular both for home and market gardeners’ use, and on account of its earliness it is a very desirable variety for early shipping. It has a very fine texture and flavor. Price, Pkt. 5c, oz. 15c, ½-lb. 45c, ¼-lb. 80c, lb. $1.50, postpaid.
**PEAS**

Peas succeed in any good garden soil, but for earliest crops a light, warm and moderately rich soil is most suitable. Plant in rows 3 feet apart, 3 to 5 inches deep, dropping the seeds 3 inches apart in the rows. The taller varieties need some support of either brush or wire netting. One quart will plant 100 feet of drill, 1½ bushels per acre. All our seed peas are grown far north, and carefully hand-picked.

**Best Varieties for the South**

The planting of Garden Peas has been decreasing for several years in the South and Southwest. We are convinced that the reason for this is on account of the unsatisfactory results that peas have given.

Last Spring we conducted in our Trial Grounds tests on every variety of peas that we could find. We had over 200 different kinds of peas planted. We found many varieties that are useless to plant in the South, and we found new varieties that are better and more adapted to our climate. This is the value of our Trial Grounds. We do not catalog useless sorts, but only list the varieties that we know will succeed in our climate.

**Texseed Little Marvel (No. 336)**

This is the earliest dwarf large podded variety of wrinkled peas that we grew on our Trial Grounds last season, maturing in seven weeks. We found it to be one of the most prolific varieties and very hardy. It can be planted late as well as early. The pods are extremely large and the plant only grows about twelve inches high, but is very compact and stands up well. The peas have an excellent flavor. We know from experience that our customers will be highly pleased with this new variety and if planted once will always be planted for it will continue to bear longer, if the peas are kept picked, than other dwarf varieties, as it stands warm weather well. The planting of the Little Marvel will make you always want to grow peas. Large Package 10c, Pint 35c, Quart 65c, Postpaid. Write for prices in larger quantities.

**TEXSEED PILOT (No. 337)** This is the largest podded of all the early grown varieties and is a decidedly new sort. It also did extremely well on our Trial Grounds. The vines are very vigorous, growing from fifteen to eighteen inches in height and averaging from eight to ten peas to the pod. It can be planted late as well as early, has a splendid flavor and you will find it one of the best peas you have ever grown. Large Package 10c, Pint 35c, Quart 65c, Postpaid. Write for prices in larger quantities.

**TEXSEED DWARF PIONEER PEA (No. 338)** This new dwarf variety was a strong favorite on our Trial Grounds. It is large podded and very early, maturing in eight weeks. The vines are very vigorous, growing only sixteen to eighteen inches high with dark green foliage and produces a wonderful pod. The Pioneer is one of the earliest wrinkled peas and it is a variety that does exceedingly well in this section. Large Package 10c, Pint 35c, Quart 65c, Postpaid. Write for prices in larger quantities.

Look at the Bargain Flower Seed Offer on the inside back cover of this book. One ten-cent package each of Snapdragon, Phlox and Cockcomb, and one five-cent package each of Four O'Clocks, Tall Nasturtium, Dwarf Nasturtium, Petunias, Verbena, Vincas, Zinnias, Moonvine and Cypress Vine, 75 cents worth in all, for only 50 cents.
PEAS

Gradus or Prosperity Pea (No. 339)

With pods nearly twice the size of the round-seeded extra-earlies and only two or three days later. The vines grow about 3 feet high, and produce uniformly large pods, 4 to 4½ inches long. They are well filled with eight to ten handsome peas of finest flavor, which remain tender and sweet for some time after they are large enough to use. The peas have finest table qualities, and retain their color and attractive appearance, even after cooking. Pkt. 10c, pt. 35c, qt. 65c, postpaid.

FIRST AND BEST EXTRA EARLY (No. 340) Vines average 18 to 20 inches in height. Matures in 5 weeks. Large pkt. 10c, pt. 35c, qt. 65c, postpaid.

ALASKA OR LAXTON’S EARLIEST OF ALL (No. 341) The earliest smooth Pea in existence. The pods are medium sized, well filled and mature practically all at one time. Our strain is extra-selected. Large pkt. 10c, pt. 35c, qt. 65c, postpaid.

NOTT’S EXCELSIOR (No. 342) Of compact growth, with many handsome, good sized pods, which are closely packed with large Peas of unusually sweet flavor. Matures almost as early as the American Wonder and the pods are much larger. Large pkt. 10c, pt. 35c, qt. 65c, postpaid.

AMERICAN WONDER (No. 343) Plants grow only 10 inches high. The peas are large and of luscious quality. Large pkt. 10c, pt. 35c, qt. 65c, postpaid.

PREMIUM GEM (No. 344) The vines grow to a height of about 15 to 18 inches and are very productive. The peas are of excellent flavor. Large pkt. 10c, pt. 35c, qt. 65c, postpaid.

BLISS EVERBEARING (No. 345) Grows 2½ to 3 feet high. The pods are from 2 to 4 inches long, containing from six to eight splendid peas of rich, sweet flavor. Large pkt. 10c, pt. 35c, qt. 65c, postpaid.

PRIDE OF THE MARKET (No. 346) Of dwarf growth with long, handsome pods. A desirable market sort. Large pkt. 10c, pt. 35c, qt. 65c, postpaid;

LARGE WHITE MARROWFAT (No. 347) A very late sort, bearing large quantities of well filled pods. Large pkt. 10c, pt. 35c, qt. 65c, postpaid.

TELEPHONE (No. 348) A late sort, with tall growing vines. The pods are of very large size, with large peas of delicious flavor. Large pkt. 10c, pt. 35c, qt. 65c, postpaid.

BLACK-EYED MARROWFAT (No. 349) A large pkt. 10c, pt. 35c, qt. 65c, postpaid;

CHAMPION OF ENGLAND (No. 350) Large pkt. 10c, pt. 35c, qt. 65c, postpaid;

RHUBARB

One ounce will sow 100 feet of drill. One of the first offerings of the garden early in the spring and highly esteemed as a spring tonic. A row of Rhubarb plants should be in every garden.

Everbearing Crimson Winter Rhubarb (No. 369) The new Crimson Winter Rhubarb will produce marketable stalks abundantly earlier than any other Rhubarb. The stalks averaging 12 to 18 inches in length and about 1 to 1½ inches in diameter. They are a brilliant crimson color and are of the very best quality. For a constant supply for home use, and for growing in Southern states, for shipping North and East, it is very profitable. Roots, 25c each, 3 for 65c, $2.50 per dozen; Seed, pkt. 10c, oz. 75c, ½-lb. $2.75, postpaid.

Linnaeus Rhubarb (No. 370) Early, large, tender, good sort. Pkt. 5c, oz. 25c, ½-lb. 85c; Roots, 20c each, 3 for 50c, $1.75 per dozen, postpaid.

SALSIFY or Oyster Plant

Sow in March, in rich, light, deeply worked soil, in rows about 2 feet apart. Thin out the plants to 6 inches apart; cultivate frequently to keep free from weeds. Perfectly hardy and can remain in the ground all winter. One ounce will sow 100 feet of drill.

Mammoth Sandwich Island (No. 371) Grows very large here, resembling good-sized parsnip; well flavored, mild. Pkt. 5c, oz. 20c, ½-lb. 65c, ¼-lb. $1.25, lb. $2.25, postpaid.
Parker's Improved Pumpkin Vineless

We introduced this excellent new variety of Sweet Potatoes last season and we know that every one of our customers that tried them were more than pleased. Mr. Parker has agreed to deliver us only a few hundred bushels this season, and we therefore suggest that you do not delay in sending us your order.

We know that every grower wants to improve his stock of Sweet Potatoes. Usually just any kind of Sweet Potatoes have been planted for seed.

In offering our customers this improved variety, which is absolutely first-class and free from disease, we know that you will be highly pleased with the results obtained. We have been looking for a high-class Seed Sweet Potato for many years and now have something that you will be proud of if you will grow a crop of them.

Mr. Parker has selected for us a fine lot of seed—not small stringy potatoes—but the kind to give the best results. They come carefully packed and we guarantee them to reach you in good condition if they are shipped you by Parcel Post or Express. Price, pk. $1.25, 1/4-bu. $2.00, bu. $3.50. Price of slips of this variety, 100 for $1.00, 500 for $2.50, 1000 for $4.00. Postpaid.

SEED SWEET POTATOES

BLISS TRIUMPH OR RED BLISS This variety has come to the front very rapidly within the past few years, and now is the most popular variety grown in the Southern States. It is very early and matures quickly. The potatoes are round and uniform in shape, eyes slightly depressed, and a beautiful bright red color. It is one of the hardest varieties known and is not susceptible to disease. Price, pk. $1.00. Write for prices on large lots.

IRISH COBBLER This is one of the best early varieties of Potatoes. It is too well known to need any lengthy description. We have the true stock. Price, pk. $1.00. Write for prices on large lots.

TENNESSEE GROWN TRIUMPH POTATO We are prepared to furnish our customers with the genuine Tennessee Grown Triumph Potatoes. This variety has been popular for nearly a quarter of a century, and we are able to furnish the true stock. Price, pk. $1.25. Write for prices on large lots.

EARLY OHIO This is one of the standard varieties, and is credited with being the very earliest Potato on the market. It is a full week earlier than the Early Rose. The shape is oblong and it is very dry and mealy, with a fine texture. It is a fine yelder but requires rich moist soil. Price, pk. $1.00. Write for prices on large lots.

EARLY ROSE This is one of the best early varieties of Potatoes. It is too well known to need any lengthy description. We have the true stock. Price, pk. $1.00. Write for prices on large lots.

RED VINELESS This variety makes less vines than the old varieties of Sweet Potatoes. The flesh is very red and is one of the most desirable varieties of Sweet Potatoes grown. Price, pk. $1.00, half bushel $1.50, bushel $2.50 (45 lbs. to bu.). Write for prices on large lots.

NANCY HALL This variety is, without doubt, one of the most popular varieties, and its popularity is due to the fact that it is one of the strongest, best yielding, and easiest varieties to sell now on the market. Price pk. $1.00, half bushel $1.50, bushel $2.50 (45 lbs. to the bu.). Write for prices on large lots.

SWEET POTATO SLIPS The slips or draws of all varieties quoted below. Our slips will be ready for shipment any time from the 15th of February to the 1st of July. We grow millions every year and always have more orders than we can fill. We would advise our customers to book their orders early, and we can then ship at any time you may desire, but if you place your order with us early you will be sure of your supply. Price, 1 doz. 15c, 50 for 50c, 100 for 75c, 500 for $1.50, 1,000 for $3.50, 5,000 and over $2.75 per thousand, prepaid. Write for prices on large lots.

SEED IRISH POTATOES

SEED WILL BE VERY SCARCE THIS SEASON

Bliss Triumph

Irish Cobbler
TEXSEED RADISH

Radishes are among the most valued of early vegetables, and a liberal supply should be grown in the home garden throughout the spring and summer. They develop best and quickest in light, rich, sandy soil. Only well rotted manure should be used, and frequent cultivation and plenty of water are necessary to insure radishes of good quality.

One ounce will sow 75 feet of drill, 8 to 10 pounds to the acre.

We offer you only the very highest type of French Grown Radish Seed.

TEXSEED PERFECTION WHITE TIP RADISH (No. 375) This is the highly prized variety for market. Our French grown strain of this variety is unexcelled. It is a round radish. Color is bright scarlet with clearly defined white tips. The tops are short, making it well adapted for forcing. Price, Pkt. 5c, oz. 15c, ¼-lb. 50c, ½-lb. 85c, lb. $1.50, postpaid.

TEXSEED EARLY BIRD (No. 376) This is the earliest variety of radish that we know of. Ready for market in 18 to 21 days. The color is a very attractive rich scarlet. It is globe shape, and its attractive color makes it a splendid seller on the market and we highly recommend this variety to Market Gardeners. Price, Pkt. 5c, oz. 15c, ¼-lb. 50c, ½-lb. 85c, lb. $1.50, postpaid.

EARLY SCARLET GLOBE (No. 377) Very popular with the market gardeners, as it is of attractive scarlet color and fine shape. If grown properly the roots are mild and crisp, juicy and tender. Splendid forcing variety. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.20, postpaid.

EARLY SCARLET TURNIP (No. 379) One of the earliest varieties, with very small top. Bright colored skin and crisp, white flesh. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.20, postpaid.

LONG SCARLET SHORT TOP (No. 380) Roots grow 5 or 6 inches long, and are very attractive. Crisp, brittle, and of choiceest quality. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.20, postpaid.

LONG WHITE VIENNA OR LADY FINGER (No. 381) A most popular variety of the summer Radishes, long, pure white and mild flavor. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.20, postpaid.

LARGE WHITE SUMMER TURNIP (No. 382) A favorite variety with market gardeners. Large, turnip-shaped, white and very crisp. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.20, postpaid.

BECKERT’S CHARTIER (No. 383) In shape it resembles the Long Scarlet, but it grows to much larger size and keeps in good condition longer than most other sorts. Very crisp and tender. Crimson, tipped with white. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 75c, lb. $1.25, postpaid.

CINCINNATI MARKET (No. 384) ("Glass" Radish.) An excellent strain of the Long Scarlet, growing slightly larger in size. The Radishes are of delightful quality, crisp and brittle and have small tops. Excellent for forcing as well as for the home garden. We consider this the finest red Radish for market purposes. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.20, postpaid.

WHITE ICICLE (No. 385) The finest of the early pure white varieties. Planted in the spring the Radishes are ready for pulling in about three weeks from sowing the seed. They are long and slender and clear pure white, making them very attractive when on sale and on the table. It is crisp and tender, both when young and until it attains larger size, thus remaining in condition for use for considerable time. Pkt. 5c, oz. 15c, ¼-lb. 40c, ½-lb. 65c, lb. $1.20, postpaid.

Winter Varieties of Radish

These should not be sown before Aug. 1, as they do not grow during the hot summer months, and would also become too old and tough. Excellent for winter use; some sorts will keep until spring.

ROUND SCARLET CHINA OR CHINA GLOBE (No. 386) Of medium bright scarlet color. It grows rapidly, the flesh is pure white, crisp and of agreeable flavor. Pkt. 5c, oz. 30c, ¼-lb. 60c, ½-lb. 75c, lb. $1.00, postpaid.

CHINA ROSE WINTER (No. 387) Of bright, deep rose color. Flesh firm and of excellent keeping qualities. Pkt. 5c, oz. 15c, ¼-lb. 45c, ½-lb. 75c, lb. $1.25, postpaid.

ROUND BLACK SPANISH (No. 388) One of the best for winter use. Pkt. 5c, oz. 15c, ¼-lb. 65c, lb. $1.20, postpaid.

LONG BLACK SPANISH (No. 389) With black skin and white flesh. Will keep until spring.

Pkt. 5c, oz. 15c, ¼-lb. 50c, ½-lb. 75c, lb. $1.10, postpaid.
SPINACH

For summer use sow early in the spring in deep, rich soil; sow in drills about one foot apart, cover one inch deep. For a continued supply of "greens" resow every two or three weeks throughout the season, and for real early spring use sow the winter varieties about the first of September and protect by covering with straw. Soak seed in hot water before planting. One ounce of seed will plant 100 feet of drill; 10 pounds in drills will plant an acre.

BLOOMSDALE OR SAVOY (No. 390) Highly popular with market gardeners. Bloomsdale is considered the best sort for the South. The leaves are wrinkled in the same manner as the Savoy Cabbage. A crop of this variety weighs much heavier than any other variety. It grows very quickly. Fine for fall sowing. Pkt. 5c, ½-lb. 50c, ½-lb. 90c, lb. $1.75, postpaid.

Virolay Spinach (No. 392)

This new variety has been in great demand, especially among market gardeners, on account of its rapid growth, broad leaves and shipping qualities. Oz. 5c, ¼-lb. 50c, ¼-lb. 90c, lb. $1.75, postpaid.

NEW ZEALAND Grows large and luxuriant in warm, rich soil, and produces a large quantity of leaves during the Summer. Pkt. 5c, ¼-lb. 50c, ¼-lb. 90c, lb. $1.60, postpaid.

LONG STANDING Seed is prickly and triangular; oblong, arrow-shaped leaves. Especially useful for fall sowing. Pkt. 5c, oz. 20c, ¼-lb. 50c, ¼-lb. 90c, lb. $1.60, postpaid.

SQUASH

Plant in hills 4 feet apart each way at the same time as cucumbers and melons are sown. One ounce of seed will plant 25 hills.

EARLY WHITE BUSH OR PATTY PAN (No. 393)
The best early variety. The plants are of the true bush form, and produce fruit very early in the season. Largely grown in the South for shipment to the Northern markets. Pkt. 5c, oz. 10c, ¼-lb. 25c, ¼-lb. 45c, lb. 85c, postpaid.

YELLOW SUMMER CROOKNECK (No. 395) Plants are very productive and are early bearing. Skin of fruit orange yellow and thickly warty. Pkt. 5c, oz. 15c, ¼-lb. 30c, ½-lb. 50c, lb. 85c, postpaid.

BOSTON MARROW (No. 396) Excellent winter variety, with hard shell of bright orange and deep orange flesh. Fine grained and of good flavor. Pkt. 5c, oz. 10c, ¼-lb. 30c, ¼-lb. 50c, lb. 85c, postpaid.

HUBBARD (No. 397) The most popular late table variety. Fruits are of oblong shape with attractive olive-green skin which is warty. Pkt. 5c, oz. 10c, ¼-lb. 30c, ¼-lb. 50c, lb. 85c, postpaid.

WINTER CROOKNECK (No. 400) Matures later than the Summer Crookneck, but grows much larger. Pkt. 5c, oz. 10c, ¼-lb. 30c, ¼-lb. 50c, lb. 85c, postpaid.

MAMMOTH WHITE BUSH (No. 401) Not quite so early as the preceding but very much larger. It makes a strong, bushy growth, and bears fruit frequently 12 to 14 inches in diameter. The squashes are thick, with scalloped edges. Pkt. 5c, oz. 10c, ¼-lb. 25c, ¼-lb. 45c, lb. 85c, postpaid.

FORDKOOK MARROW SQUASH (No. 394) This is an exceptionally fine variety of garden squash. It grows very rapidly, and will come to its normal size within a week. It is pure white and does not have to be peeled before preparing for cooking. It contains very few seeds and is pure white when a few days old. When fully matured it is a cream color, sometimes turning to a very light orange, if left on the vines. Pkt. 10c, oz. 20c, ¼-lb. 40c, ¼-lb. 70c, lb. $1.25, postpaid.
TEXSEED TOMATOES

For early use, sow in February or March in a hotbed or in boxes, which should be placed near a window. When the seedlings are about 2 inches high, transplant into 2 or 3-inch pots, or in rows 4 to 6 inches apart, keeping the temperature at about 60 degrees. Subsequent transplanting will make the plants stocky and strong. Do not set them in the open ground until all danger from frost is past. Then plant into a warm, sunny location, 3 feet apart each way, and water freely until they are well established. One ounce of seed will produce about 1,000 plants.

TEXSEED BEAUTY (No. 405) This Tomato is one of the old mainstay sorts that has been most popular for years, the old reliable Beauty Tomato. By careful growing, selection of fruit for seed and extreme care we have developed this Tomato into practically a distinct variety. One of its main new characteristics is its perfect adaptability to the conditions in Texas and neighboring states. It withstands our hot, dry weather splendidly. The plants, owing to the rigid care of seed stocks, are uniformly strong and vigorous, bearing continuously and abundantly. The Tomatoes are borne in heavy clusters of three, four and five. The shape of the Tomato is large and regular, the type being so well established that the fruit all runs practically the same in shape and quality. The color is a bright crimson, very solid and of good flavor producing few seeds and small cavities. For general appearance when served on the table very few varieties can compare with it, and as a yielder none equal it.

Pkt. 10c, oz. 40c, ¼-lb $1.20, ½-lb $2.00, lb. $3.50, postpaid.

LIVINGSTON'S CORELESS TOMATO (No. 407) A splendid globe shaped, bright red sort, promising to supersede many of the old, flat kinds. Immensely productive, clusters of four to seven fruits being produced from each stem when plants are trained to stakes. All fruits are of good size, some weighing twelve to fifteen ounces. The meat is firm and solid, leaving only small seed cavities. This makes it excellent for slicing purposes. It is entirely free from hard green core. The strong outside walls and the firm meat render it one of the best for hauling and shipping long distances.

Pkt. 10c, oz. 40c, ¼-lb $1.20, ½-lb $2.00, lb. $3.50, postpaid.

TEXSEED Mcgee (No. 408) This is the most wonderful tomato ever produced both as to quality and yield. This grand variety was introduced to our customers through these columns a few years ago, and gave excellent success, and has met with approval everywhere. The most prolific bearer we have ever catalogued.

Pkt. 10c, oz. 50c, ¼-lb. $1.50, ½-lb $2.75, lb. $5.00, postpaid.

RED ROCK (No. 406) is beyond question the best large late red tomato for either home use, nearby market or for canning. Red Rock matures in from 110 to 115 days. It is extraordinarily solid—hence the name of Red Rock. Perfectly smooth, has no superior in texture and flavor and is as red as a tomato can be. It's a red that goes all the way through and the meat is solid, without being hard, and of the finest flavor. Practically no waste tomatoes in a crop of Red Rock. Plant Red Rock this year. You will like it.

Pkt. 10c, oz. 40c, ¼-lb $1.20, ½-lb $2.00, lb. $3.50, postpaid.
Texseed Parker’s Triumph Tomato (No. 414)

We have carefully watched the growing of this excellent variety for the past two seasons and it has many good points and will prove a winner in more ways than one. We believe the greatest one thing about this new variety is, "IT WILL MAKE FRUIT WHERE ALL OTHER VARIETIES FAIL." It is truly a Triumph for Mr. Parker. Our supply is limited and we are therefore able to offer in packages only. 

Mr. Parker’s Few Words on His Triumph Tomato

The tomato being such a universal favorite of the vegetable kingdom, it is entitled to the highest possible development. This, too, is an age demanding something better all the time. With the view of combining as many qualities as I could, I began several years ago the selection of a tomato that would meet the requirements of our varied soil and climate—a tomato that would not disappoint the grower. Through several years of careful breeding and selection I am now willing to send out my Triumph Tomato on its merits. The Triumph Tomato ripens as a first early, holding the crown setting and developing many other clusters for a long time. It makes a thrifty, upright, medium size vine, protecting the fruit well from sunscald. Very smooth, being free from ribbed fruits so common in all early varieties. The flesh is very thick. Small seed cavity. The color is a beautiful scarlet and quality is superb. Having been a market gardener for the past twenty-five years, I think I know what the market demands. By actual demonstration I have proven all that I shall ever claim for this great tomato. In 1913 I realized from 1,800 plans of this tomato $250.00 and kept the choicest fruit for seed. I have since sold the earliest fruit at 10 cents per pound wholesale, again reserving the best for seed.

W. H. PARKER

Our stock is limited; we are therefore offering in packages only. Price, per packet 25c, postpaid.

Texseed Earlibell (No. 429)

This new variety is absolutely the earliest of all varieties, being the quickest tomato in cultivation. It is five days earlier than Earliana. It is surprisingly productive, clusters containing eighteen to twenty full sized fruits, being very remarkable in this respect. It is uniform in size and all the tomatoes in the cluster will ripen at the same time. The color is a beautiful, deep, glossy scarlet, which makes it one of the most attractive varieties when offered for sale. The eating quality is unsurpassed, as the flavor is all that can be desired.

Packets 10c, ounce 35c, 1/4-lb. $1.15, 1/2-lb. $2.00, 1 lb. $3.50, postpaid.

Bonny Best (No. 430)

We have succeeded in securing an excellent strain of this variety, which is nearly as early as the Earliana, having about 15 smooth, round, globe shaped fruits at the crown with a new cluster at every branch. Its color is of a glowing scarlet, ripening to the stem without crack or black spots. This variety is in demand by market gardeners and is exceedingly productive, the tomato always selling for the highest prices.

WILLING TO RECOMMEND US

The Texas Seed & Floral Co.,
Dallas, Texas.

Gentlemen—I surely am under great obligations for the nice tomato and pepper plants you sent me—true I lost the first order, but it has been such a hard winter on plants that I did not expect for you to duplicate the order. I surely appreciate the same and will always recommend the Texas Seed & Floral Co. on all occasions.

Yours truly,
WM. DOW
653 Coleman St.

THE McGEE TOMATO ALWAYS PLEASERS

The Texas Seed & Floral Co.,
Dallas, Texas.

Gentlemen—I want to offer by testimony as to the "McGee Tomato" for this part of the state. As you know, in this locality, west of the 100th meridian it seldom rains enough to grow tomatoes without irrigation, and having tried for several years to grow tomatoes in my garden with all the irrigation needed, without avail, a friend of mine three years ago recommended the "McGee" and I immediately secured a few of the seed and to my surprise the blooms for the most part remained on the stalks whereas, heretofore they had fallen off because of the hot dry winds. To make a long story short, each year since we have had an abundance of McGee Tomatoes in our garden which are well matured, large and beautifully colored and without a rival anywhere as to quality.

Yours very truly,
J. H. BULLARD.
TOMATO

EARLY DETROIT (No. 419) The vine is more vigorous than that of Acme and is more productive. Not only are more fruits produced, but they average more nearly globe shaped, are heavier and are equally as firm, smooth and suitable for shipping. The fruits are of good size throughout the season, which is unusually long for so early a variety. Price, pkt. 10c, oz. 40c, ½-lb. $1.25, ½-lb. $2.00, lb. $4.00, postpaid.

TRUCKERS' FAVORITE (No. 420) A purple fruited sort of excellent quality, highly esteemed in many Eastern and Southern markets. It grows to uniformly large size, which is maintained until late fall. Fruits are invariably smooth, solid and the flesh is of finest color through out. Unexcelled for slicing or cooking. Plants are very thrifty, free from rust or blight and bear continually until killed by frost. Price, pkt. 5c, oz. 30c, ½-lb. $1.25, ½-lb. $2.00, lb. $4.00, postpaid.

ACME (No. 421) The standard bright pink Tomato. The fruits are round, very solid, of uniform size and ripe early. Price, pkt. 5c, oz. 35c, ½-lb. $1.25, ½-lb. $2.00, lb. $3.50, postpaid.

LIVINGSTON'S DWARF STONE (No. 413) The largest dwarf Tomato in existence. Double the size of Dwarf Champion and equally early. In habit of growth it resembles the Dwarf Champion, but the vines are stronger and stand more erect. The fruit resembles Livingston's Stone in color, shape and size. Ten fruits picked from one vine weighed 5 pounds to the heart. Specimens weighing 1 pound each are found quite frequently. Price, pkt. 5c, oz. 40c, ¼-lb. $1.25, ½-lb. $2.00, lb. $3.50, postpaid.

DWARF CHAMPION (No. 415) Most popular dwarf variety in cultivation. The sturdy, stocky plants are of compact, upright growth, requiring no support. The handsome, purplish red fruits begin to ripen early and are produced throughout the season. The plants yield enormous crops until killed by frost. Price, pkt. 5c, oz. 40c, ¼-lb. $1.25, ½-lb. $2.00, lb. $3.50, postpaid.

REDFIELD BEAUTY (No. 416) Large glossy crimson fruit smooth solid and never cracking. Price, pkt. 5c, oz. 40c, ¼-lb. $1.25, ½-lb. $2.00, lb. $3.50, postpaid.

JUNE PINK TOMATO (No. 417) The earliest of all pink varieties in habit and growth. It is similar to the Earliana. The plant is compact branching freely, the fruit hanging in clusters of six to ten fruits both in the crowns and at the forks of the branches. The fruits are uniform, very smooth and most attractively shaped. This Tomato does not crack and does not carry the usually green core. The skin is reasonably tough, which makes it excellent for shipping. The color is of a very pleasing pink and brings the highest prices in markets where a pink Tomato is in demand. It will continue to bear and ripen fruit until frost. The fruit will average almost three inches in diameter and about 2½ inches in depth. The flavor is very rich and pleasant, making it also desirable for the home garden. You will also find that the June Pink will ripen nearly every tomato on a cluster at the same time. We are exceedingly proud of our strain of June Pink Tomato, as we have sold seed to the most critical growers of the truck growing sections of South Texas, and Florida, and a great many growers demand our seed of this variety. Price, pkt. 10c, oz. 45c, ½-lb. $1.40, ½-lb. $2.25, lb. $4.00, postpaid.

PONDEROSA (No. 418) The largest-fruited Tomato in cultivation, single fruits often weighing from 2 to 4 pounds and measuring 18 inches in circumference. Of glowing deep purple color, which permeates the flesh to the heart. It is solid and meaty, and has small seed cavities, therefore selected seed of this variety will always be scarce. Fine for slicing and of excellent flavor. Price, pkt. 10c, oz. 50c, ¼-lb. $1.50, ½-lb. $2.75, lb. $5.00, postpaid.

LIVINGSTON'S GLOBE (No. 422) This variety is very popular with the market gardeners of the South on account of its splendid shipping qualities. It is an early purple tomato of very distinct globe shape, the flesh is very firm and the vines are almost free from blight. Our strain of this variety is grown especially for us and we know that our stock is unsurpassed. Price, pkt. 5c, oz. 45c, ½-lb. $1.40, ½-lb. $2.25, lb. $4.00, postpaid.
We are very glad indeed to be able to present to our thousands of customers a Tomato by the above name. We have tried this out for several years and as it originated in Texas, on the Black Land, we think that it has been rightly named and will stand the test in every particular. While this Tomato is not quite so large as the average tomato it is very prolific and many times has been known to produce as many as one hundred perfect tomatoes to one vine. The quality is excellent, the color being a light glossy red, seed cavities very small and are shy seeders. This tomato runs about three to four pounds and are grown close to the center of the plant and the foliage offers an excellent protection from the heat. In habit and growth it is somewhat similar to the Earllana, as the fruit grows in clusters of six to ten fruits, both in the crown and the forks of the branches, where the foliage is ample to protect it. This tomato has a reasonably thick skin and stands shipping well to distant markets. It is not only an extra early, but continues to bear and ripen fruit until the first frost. If you are not growing a large quantity of tomatoes for the market, at least try a packet of this tomato for your garden and you will be more than pleased with the result. Pkt. 10c, oz. 50c, ¼-lb. $1.50, ½-lb. $2.75, lb. $5.00, postpaid.

SELECTED TROPHY (No. 424) Fruits are bright red, solid, very large and generally smooth. One of the best. Pkt. 10c, oz. 40c, ¼-lb. $1.20, ½-lb. $2.00, lb. $3.75, postpaid.

**Big 50 Cent Collection of Vegetable Seeds**

FIFTEEN BEST VARIETIES OF VEGETABLE SEEDS.

<table>
<thead>
<tr>
<th>Packet of the</th>
<th>For 50 Cents We Will Send Our Regular Size Following:</th>
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<tbody>
<tr>
<td>1. BEAN, Kentucky Wonder</td>
<td>9. ONION, Australian Brown</td>
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<tr>
<td>2. BEET, Crimson Globe</td>
<td>5. CUCUMBER, Improved Arlington White Spine</td>
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<tr>
<td>3. CABBAGE, Early Jersey Wakefield</td>
<td>6. LATE TUCE, Big Boston</td>
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<tr>
<td>4. COLLARDS, Creole or Southern</td>
<td>7. MUSKMELON, Rocky Ford</td>
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<tr>
<td>8. WATERMELON, Halbert Honey</td>
<td>10. P.B.A.S, Noll's Excelle</td>
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<tr>
<td>11. PEPPER, Large Bell or Bullnose</td>
<td>12. RADISH, Early French Breakfast</td>
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<tr>
<td>13. SQUASH, Early White Bush</td>
<td>14. TOMATO, Spark's Earllana</td>
</tr>
<tr>
<td>15. TURNIP, White Egg</td>
<td>16. BROADLEAF PEAS, Tender Seed</td>
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50 cents buys the complete collection, together with a packet of Texseed Watermelon. For 25 cents we will mail the following seven choices: Nos. 2, 3, 5, 6, 12, 14.

**Tobacco**

**Connecticut Seed-Leaf** An old well-known variety. Pkt. 10c, oz. 40c, ¼-lb. $1.20, lb. $3.50, postpaid.

**Improved White Burley** This strain is much superior to the regular White Burley. Pkt. 10c, oz. 40c, ¼-lb. $1.20, lb. $3.75, postpaid.

**Sterling** One of the earliest to ripen, and one of the best for all purposes. Pkt. 10c, oz. 40c, ¼-lb. $1.20, lb. $3.50, postpaid.

**Havana** Grown from seed imported from Vuelto de Abajo. Pkt. 10c, oz. 40c, ¼-lb. $1.20, lb. $3.75, postpaid.

**Bonanza** A White Burley cross on Yellow Oronoco, possessing the qualities of both parents blended. Used extensively in South America. Pkt. 10c, oz. 40c, ¼-lb. $1.20, lb. $3.50, postpaid.

**Lancaster County Broadleaf** More largely grown than any other in Lancaster County, Pa. Pkt. 10c, oz. 40c, ¼-lb. $1.20, lb. $3.50, postpaid.

**General Grant** It produces leaves 44 inches in length and matures as far north as Duluth, Minn. Pkt. 10c, oz. 40c, ¼-lb. $1.20, lb. $4.00, postpaid.
TURPIN

Turnips prefer a light, sandy loam, that the plants stand 4 inches apart. For early use, sow as soon as the ground can be worked; for winter use, sow in August. One ounce will sow 20 feet of drill.

SEVEN TOP (No. 443) Extensively grown in the South for the tops, which are used as greens. Very hardy and will grow all winter. Pkt. 5c, oz. 20c, ¼-lb. 60c, ½-lb. 1l. $1.00, lb. $1.50, postpaid.

SHOWBALL (No. 444) A fine-looking, hardy variety of Turnip which matures in from six to seven weeks. Pkt. 5c, oz. 20c, ¼-lb. 60c, ½-lb. $1.00, lb. $1.75, postpaid.

LARGE YELLOW OR AMBER GLOBE (No. 441) Grows to large size and is chiefly used for stock feeding. Flesh yellow, firm and of good keeping qualities. Pkt. 5c, oz. 20c, ¼-lb. 60c, ½-lb. 90c, lb. $1.25, postpaid.

POMERANIAN WHITE GLOBE (No. 446) One of the largest white globes, grown extensively for winter use, and stock feeding. Pkt. 5c, oz. 20c, ¼-lb. 60c, ½-lb. $1.00, lb. $1.50, postpaid.

PURPLE TOP YELLOW ABERDEEN (No. 447) Roots medium sized, round, flesh pale yellow, tender and sugary. It is valuable for feeding cattle, for which it is extensively grown. Pkt. 5c, oz. 20c, ¼-lb. 60c, ½-lb. $1.00, lb. $1.50, postpaid.

SWEET GERMAN (No. 445) A globe-shaped white variety of good quality, either for table or feeding. Pkt. 5c, oz. 20c, ¼-lb. 60c, ½-lb. $1.00, lb. $1.50, postpaid.

Rutabaga

Anyone who raises stock should not fail to grow a large supply of Rutabaga for feeding purposes, as they are superior to any other root vegetable grown for cattle, hogs, sheep and horses. They are indispensable.

IMPROVED PURPLE TOP RUTABAGA (No. 448) One of the best of the Swedes in cultivation; hardy and productive; flesh yellow; of solid texture, sweet and well flavored; shape slightly oblong, flattened abruptly; color deep purple above and bright yellow under the ground; leaves small, with little or no neck; perfect in form, rich in flavor and first-class in every respect. Pkt. 5c, oz. 20c, ¼-lb. 60c, ½-lb. $1.00, lb. $1.50, postpaid.

Sweet, Medicinal and Pot Herbs

ANISE For garnishing and flavoring. Pkt. 5c, oz. 10c.

MARJORAM (Sweet American) Home-grown seed is best for winter use, as it makes more bulk. Pkt. 5c, oz. 30c.

CARAWAY For confectionery, medicine and flavoring. Pkt. 5c, oz. 10c.

ROSEMARY Pkt. 5c, oz. 10c.

THYME (Summer) For seasoning. Pkt. 5c, oz. 3c.

SAGE Tender leaves and tops are used in sausage stuffing and sauces. Pkt. 5c, oz. 20c.

CASTOR OIL BEAN For ornament and medicine. Height, 6 feet. Pkt. 5c, oz. 15c.

FENNEL (Sweet) Leaves are used in sauces. Pkt. 5c, oz. 10c.

DILL Leaves are used in soups, stews and pickles; seeds for flavoring. Pkt. 5c, oz. 10c.

SAVORY (Summer) For seasoning. Pkt. 5c, oz. 15c.

CORIANDER Grown for its seed, also for garnishing. Height 2 feet. Pkt. 5c, oz. 10c.

CHERVIL Pkt. 5c.

BASIL (Sweet) Used for soups, stews and sauces. Height 1 foot. Pkt. 5c, oz. 20c.

LAVENDER (Aromatic) Pkt. 5c, oz. 10c.
FIELD AND FARM SEEDS

SEED CORN FACTS
Cost of Seed Corn

You possibly never realized that only about 40 or 50% of a fine variety of corn in the field, after rubbing it and selecting it ear by ear, will be good for seed purposes. It takes a good deal of time and labor to put corn in the proper condition for seed. The average price for seed corn in our catalogue is less than $4.00 per bushel, including the bags. The difference between our cost and selling price leaves us a small margin of profit. The average planter has neither knowledge nor facilities to carry on the work of selecting and breeding up seed corn.

A bushel of seed corn will plant from six to eight acres. To use our seed will cost, say, fifty to sixty cents an acre more than if common crib or home-grown corn is planted. It is therefore evident that it produces one bushel more to the acre, mind only one bushel more than the home seed, the entire cost of the seed and the freight are paid for by this extra yield. If this extra yield ranges from 20 to 80 bushels per acre, it demonstrates the wisdom of planting the best seed; even at $10.00 a bushel it would be cheaper to plant such seed than to use common corn as a gift.

Know the Seed You Plant

Do you select your Seed Corn, or do you go to the store and buy the seed just because it is recommended? The man who usually sells you this corn does not know anything about the corn he has for sale. He does not know where it was grown; did not see the crop growing and has taken somebody else's word for it. You buy the corn because it looks pretty, but you can't tell how the corn will yield by looking at the seed in the sack. When you buy your seed you are depending on them to produce a crop if the weather conditions are favorable. You have a right to know everything there is to know about the corn you are planting and you cannot be too careful in selecting your seed. We will gladly tell any of our customers where our varieties of seed were grown and assist you in every way that we can to select the best variety suited to your land. If you are in doubt as to what particular variety is best for your land, read the following description of each variety and then if you are unable to decide, write us giving description of your soil, and we will give you the very best information that we can from our experience.

Northern Seed Corn

A prominent merchant told one of the State Department Agricultural officials that something had to be done in his section of the country because the farmers failed nearly every year to raise a crop of corn. The Agricultural Expert said, "Mr. Merchant, you have been selling your farmers Northern grown corn and that is where the greatest trouble has been." The merchant was surprised, and no doubt the reason he had been selling Northern grown corn was because he could make more profit by selling Northern grown corn than he could by selling native corn. We handle Northern corn, recommend it for those who want early green feed and those who plant it on wet, rich bottom land where it will make a quick growth. Northern Corn will not succeed if it is subject to a drought of short duration.

SPECIAL OFFER

The regular price of the Domínguez Corn Book is $5.00. However, by special arrangement, in order that we may place in the hands of every corn grower in Texas a copy of this wonderful book we are selling them for less than half price—$5.00, postpaid. Or we will send you one of these books free of charge with every order for $12.00 worth of seed at our catalogue prices. This will be the biggest bargain that you ever took advantage of, if you are at all interested in seed corn. No other premiums will be allowed if you take advantage of this offer.
TEXAS GROWN SEED CORN

In nearly every section of Texas the Corn Crop this year has been an entire failure. There are a few counties, however, where there has been sufficient moisture to grow full crops of Corn. We have succeeded in securing a few thousand bushels from the Red River Valley of Texas where a full crop was made.

Ask any experienced farmer what Corn he prefers for seed and he will tell you that for best results plant acclimated Corn, preferably grown in the Red River Valley. Our grower has submitted his samples after an inspection by us of his offerings to tell you that we have never seen better seed Corn, even in years when there was ample rainfall and you will be most fortunate if your orders are placed with us sufficiently early to secure your Seed for 1918. In view of the limited supply of Texas grown seed Corn the price is considerably higher than in former years, but the beneficial results from planting our Pedigreed acclimated Seed Corn makes it a good investment. All our Seed Corn is tested in our own Laboratory and has high germination.

TEXSEED GIANT WHITE (No. 554) (Red Cob)—This corn has something of distinction than any other variety. It has red cob and large white grains. The Texseed Giant White makes the finest meal, roasting ears and hominy, and is the finest quality of Corn that grows. Splendid yields, ears medium size, 8 to 10 inches in circumference, with 16 to 18 rows to the ear. Grains very large, being deep, wide and thick. Stalk medium size, height 7 to 8 feet, with abundant foliage. Matures in 100 to 110 days. Selected hand-shelled seed. Price, per qt. 40c, postpaid; not prepaid, peck $1.40, ½-bu. $2.50, bu. $4.75.

TEXSEED BLOODY BUTCHER (No. 552) Our crop of Texseed BLOODY BUTCHER was grown for us in North Texas in the best corn county in the state. This variety is unexcelled for its feeding value and earliness. It is quite safe from ear smut but is subject to any extreme dry weather sets in. Bloody Butcher Corn is a beautiful large red grain corn. It has a deep grain; comparatively small cob. We cannot recommend this variety more, per qt. 40c, postpaid; not prepaid, peck $1.40, ½-bu. $2.50, bu. $4.75.

TEXSEED GIANT YELLOW (No. 559) This excellent variety of Giant Yellow Corn has been produced for us many seasons and by strict selecting each year its high standard has been maintained. It is a beautiful yellow corn of a very deep grain. The ears are the most uniform size of any variety that we have ever seen. It is a medium early variety, maturing from 110 to 120 days. The cob is comparatively small and it shucks out 85% grain. This variety has proved to be adapted to nearly all parts of the South but does its best on rich bottom land. The stalks grow from 7 to 8 feet high with plenty of feeder and stand drouth exceedingly well. You will be highly pleased with our seed of this variety and after growing it, it is not exactly as we stated you are at liberty to return the seed and we will gladly refund your money. Price per qt. 40c, postpaid; not prepaid, peck $1.40, ½-bu. $2.50, bu. $4.75.

BRAZILIAN FLOUR OR STOOILING CORN (No. 553) FINE FOR ENSELAGE. Especially good for us by our expert, who has made it a study for years and has bred it up for pure seed corn.

It will make a good yield of corn under most discouraging conditions, but it is worthy of the best farm. Its extra large ears of pearl white grains, well filled over butt and tip, appeal to lovers of the beautiful. The grain throughout is flour white and can be picked to pieces with the thumb nail or pocket knife—no hard, gritty substance in it—therefore called Flour Corn. Said to be used in Brazil as Wheat Flour and is used for bread. Makes incomparable meal and breakfast food.

In the roasting ear stage, though not a sweet corn, its nutritious flavor and perfect pearl white ears delight the cook.

"Colts whinny for it," and the rich, luxuriant fodder makes excellent feed and manure. Each stalk bears one to three perfect ears, and the stoeiling stalks or suckers will have fair ears and the tassels will often be filled with grains of corn or nubins. If you want lots of feed on a limited amount of ground, plant Flour Corn.

Don't pull off the suckers or stoeiling stalks. The main stalk will bear good ears anyway. Plant thinner than the average corn for best results. Price per qt. 60c, postpaid.

IMPORTED DWARF MEXICAN JUNE CORN (No. 555) On account of the continued trouble in Mexico, we are unable to secure a good strain of the genuine imported June corn.

DON'T FAIL TO GET A COPY OF DOMINGUEZ CORN BOOK 75c POSTPAID.

WRITE FOR PRICES ON LARGER QUANTITIES
NATIVE GROWN JUNE CORN
The Big Money Crop

NATIVE GROWN MEXICAN JUNE CORN (No. 556) This variety has become well known among the most progressive farmers of the Southwest, having proven itself worthy of a high place in the corn family of the Southern States. There are a few localities in Texas and Mexico where the true sort can be found, and we have been fortunate enough to secure a strain that has given our customers the highest degree of satisfaction.

Our Native June Corn has been produced originally from seed imported from central Mexico. The stalks under favorable conditions grow from 7 to 8 feet high, and yields average from 30 to 60 bushels per acre.

We highly recommend June Corn for all parts of the South on account of its early maturity and hardiness. This variety is especially good for East Texas and is about the surest crop of corn that we know of for it will stand a great deal of drouth. It makes a very solid ear and we know that you will be highly pleased if you will give this corn a fair trial for either late or early planting. Our stock has been carefully selected and has a very high germination. Price, qt. 45c, postpaid; not prepaid, peck $1.40, ½ bu. $2.65, bu. $5.00.

Plant Prolific Corn for Big Profits

BATT'S PROLIFIC CORN (No. 557) This wonderful corn has gained a very enviable reputation and record. The largest yield recorded on this corn is 238 bushels to the acre, which won the prize in the Texas Industrial Congress contest in 1912. It is undoubtedly the best and most reliable prolific corn ever introduced. This corn produced this last season, 135 bushels to the acre, and as you know, last season in some sections was a very poor season for corn. Our crop was raised in an extremely dry section. The corn was planted late, April 2nd. The best time to plant it is during the early part of March. From the time this crop came out of the ground until it was in silk and tassel it did not have one drop of rain, therefore the yield was cut in half, but this is an exceptionally fine record with a dry year.

Our grower had other corn planted at the same time on the same character of soil that only averaged 20 bushels per acre under the same conditions. It does not make a big ear but nearly every stalk makes four ears. We have counted six, seven and eight ears to the stalk. It must not be suckered, as each sucker will bear an ear. Its drouth-resisting qualities are unequaled, unless it is by June Corn.

On account of the dry season the crop is short and we only have a limited amount to offer. Price, qt. 50c, postpaid; not prepaid, peck $1.50, ½ bu. $2.75, bu. $5.00.

WRITE FOR PRICES ON LARGE QUANTITIES

TEXAS GIANT WHITE GOURD SEED CORN (No. 559) Has a very large ear, usually measuring 9½ to 11 inches in circumference and 7 to 10 inches in length. Often has twenty-eight rows of kernels to the ear. The kernels often measure ¾ inch in length. It is excellent for roasting ears or meal, the meal being pure white. Seldom more than one ear to a stalk.

Matures in about 120 days. Makes a very large stalk of medium height. Yields from 50 to 70 bushels to the acre. Price, qt. 40c, postpaid; not prepaid, peck $1.40, ½ bu. $2.50, bu. $4.75.
HALBERT’S HYBRID CORN (No. 560)

This corn made good in West Texas this past season. It made good where other varieties failed entirely. The sample does not show up very nice but it will sure make corn. It is almost needless for us to tell any of our customers, or in fact anyone who lives in Texas, who Mr. Halbert is. He is one of the leading agriculturists of this state.

You will note below that Mr. Halbert has been working on this corn for about 26 years. We know that he has something of real value to the planters of the South and Southwest.

The history of the corn is as follows: Some 26 years ago I bought and planted a jumble of corn seed. Planted ten acres and made a lot of nubbins of all sizes and colors, but in gathering I found three extra large white ears of the Gourd Seed variety. From these I made my start and built up the corn by selecting for thirteen or fourteen years, until I thought I had the best dry weather corn in Texas. I always made corn when others completely failed. I also tested other highly advertised varieties in same field and same condition, and when they would utterly fail my corn would make good. But I am never satisfied, and think all things can be improved, and I am ever experimenting, so in 1902 I concluded to make an improved June Corn by softening and deepening the grains and lessening the height of the stalk, and to do this I came to the conclusion that a cross with the June Corn and my improved Drought-resisting Gourd Seed would be the very thing. I selected a plot of ground isolated from all other varieties, and planted in alternate rows and was careful to detassel the Gourd Seed and make it the mother of the new variety. I “built better than I knew.” I succeeded in everything that I undertook and more, too, after a few years of test, side by side, in the same field, under the same conditions I found the hybrid would beat the mother corn from three to five bushels per acre, and could be planted any time of the year from February to June, and would make good crops when all other varieties will fail. It is, practically speaking, a soft gourd seed grafted on the June Corn roots. When I found that I had originated a better variety I abandoned the mother corn and concentrated all my attention to the new variety. It has all the immense root system which causes the June Corn to resist the drouths. With these roots it can find and gather food and moisture in a dry spot when other less rooted varieties will perish, while under favorable conditions it will find and gather more food and excel all other varieties in making corn. Its root system makes it immune against the hot winds of June that destroy or lessen the yield of other varieties. Its root system keeps the stalk green and the corn ear is almost dry enough to grind for bread. This fact makes it the best Silo Corn to be obtained. Price, qt. 60c, postpaid; not prepaid, peck $1.65, ½ bu. $3.00, bu. $5.50.

Texseed Giant Strawberry Corn

TEXSEED GIANT STRAWBERRY (No. 550) We con-
to be the finest variety of Corn to grow for feed. It is very productive and makes fine, big ears. First-class seed of this variety is very scarce this year. We have been fortunate in securing a good supply from the best Corn breeders in North Texas, and offer fancy selected hand-
shelled seed at: Price, qt. 40c, postpaid; not prepaid, peck $1.40, ½ bu. $2.50, bu. $4.50.

MUNSON CORN (No. 551) Famous for its large ears and high yield and prize-winning qualities. This new famous variety was originated and first introduced seven years ago, and has enjoyed an unvaried success since its first introduction. This is the result of a conservative policy followed from the beginning of our seed improving work. It has won many prizes, but the greatest prize it will bring you is “bushels per acre.” It is a medium late corn, with vigorous stalk producing ears of large size. When grown under favorable conditions the ears are frequently ten to fifteen inches long and well proportioned. The grains are oily white, medium size and often measure half an inch or more in length. The cobs are also white, though rarely an occasional red cob will be noticed. It is a good yielder on any land suitable for corn, but seems to grow to greatest perfection in heavy sandy soil. It is especially recommended for heavy bottom lands. Price, qt. 50c, postpaid.

Notice Special Offer on Page 40

Write for Prices in Larger Quantities
OKLAHOMA GROWN
SEED CORN

CORN GROWN IN OKLAHOMA Just far enough North to be earlier than the native corn, and not far enough South to make it grow too small. There are many sections in this state where the Oklahoma grown varieties of Corn do much better than the Texas varieties on clay soils. The Oklahoma Corn Crop is very good, and good seed corn is very hard to secure, corn that has been hand-selected and bred for seed.

OKLAHOMA WHITE WONDER (No. 564) Mr. M. S. Johnson of the 101 Ranch says: “We have known several seasons where this Corn made 80 to 100 bushels per acre, while other varieties made from 65 to 90 bushels. After trying many varieties of corn, we find the White Wonder produces the best quality and quantity. It ripens at the same time as the earliest varieties, and is the only large-eared corn we know of that ripens so soon. Being a luxuriant and rapid grower, the crop is in the silos cut and cured in the moisture and enabling the corn to withstand the drouth. In selecting the ears for seed we have chosen them from stalks having broad leaves and short, heavy joints, until this has become a fixed characteristic of the White Wonder.” Price, Qt. 45c, postpaid; not prepaid, Peck $1.40, ½ bu. $2.50, bu. $4.75.

IMPROVED INDIAN SQUAW CORN (No. 563) Opens a new era in profitable corn growing throughout the country. More good points combined in this corn than any other in cultivation. We have had an enormous sale for this variety; in fact, we have never been able so far to supply the demand. We expect this year to have a bigger demand than ever and we believe it will take the place of the Mexican June Corn. Just the thing to plant in June and July; after the grain crop has been harvested. We give below description extracted from the history of this Corn given by Miller Brothers: “Originated by us a few years ago, we consider this the highest bred Corn in the world. It certainly combines more solid merits than any other variety in cultivation. It is a natural drouth-resisting dry weather Corn. In yield, color, size of grains, amount of fodder and extreme fine quality of the ear, it surpasses anything we have ever grown. As it is a soft Corn, it is greatly relished by all kinds of stock. The ears grow from 10 to 12 inches long and carry from ten to twenty-four rows of plump grains. The grains present a combination of colors, some are red, others yellow, some blue and some white. It is really a most attractive Corn, either on the cob or shelled, in the crib or in the bag.” The improved Indian Squaw Corn is, to our knowledge, the quickest-maturing Corn. It is ready to gather eighty-five days after the seed is planted. Planted after wheat was harvested in July, it made a fine crop. We recommend this corn, which opens a new era of prolific Corn-growing, particularly in the Southwest. Price, Qt. 45c, postpaid.

HICKORY KING (No. 562) This Corn comes nearest being all corn and no cob than any other, the Corn being so large and cob so small that if you break an ear in two, one grain will cover the cob. It is early. The ears, from 7 to 9 inches in length, are usually borne two to four ears per stalk, making it very productive. It makes a beautiful roasting ear, is highly desirable where a pure white corn is wanted for meal. Price, qt. 45c, postpaid; not prepaid, peck $1.40, ½ bu. $2.50, bu. $4.75.

OKLAHOMA YELLOW DENT (No. 565) Grains are of light golden yellow color and the ears are in perfect shape. They average from 9 to 12 inches in length and 7 to 8 inches in circumference. The cobs are of medium size and are completely covered with splendid deep kernels, which are moderately dent. This Corn is easy to husk and easily shelled, although the kernels adhere firmly to the cob. As perfect a type as can be had and desirable in every respect. Price, Qt. 45c, postpaid; not prepaid, peck $1.40, ½ bu. $2.50, bu. $4.75.

NORTHERN GROWN
SEED CORN

GOLD MINE (No. 566) Combines the good qualities of all the yellow dent varieties. One of its special features is its long kernels, which, combined with a cob of medium size, make it a very heavy yielding sort. From 70 pounds of ears, 40 to 60 pounds of shelled corn may be obtained. Of excellent appearance, both on the cob and shelled. The grains are of bright yellow color. Price, Qt. 45c, postpaid; not prepaid, peck $1.50.

SILVER MINE (No. 568) Distinct in every way, with many superior characteristics. It is adapted to a wide range of soils and climate, maturing about ninety days after planting. The ears are excellent size, measuring from 8 to 12 inches in length and about 7 inches in circumference. They generally contain eighteen rows of deep, pure white kernels on a small white cob. Prices, Same as Gold Mine.

EARLY YELLOW LEANING (No. 567) The ideal Corn for the stock-raiser, cattle feeder, or dairyman. Has a soft, rough-coated kernel, making it easy for stock to bite or break. Make of silos that has no equal. Stock cattle fed on this corn are sure to bring the highest market price. Price, Same as Gold Mine.

OKLAHOMA WHITE WONDER Corn

CHAMPION WHITE PEARL (No. 569) An extra early pure white variety of dent Corn. Maturing in 85 to 90 days from time of planting, is very productive and the ears are exceedingly heavy. The grains are extra deep and wide, the cob is very small. A great favorite with many planters. Price, Same as Gold Mine.
TEXSEED NEW IMPROVED MORTGAGE LIFTER CORN

Mortgage Lifter Will Pay Your Debts Give It a Trial!

Improved Mortgage Lifter is a wonder. It is so named because it produces excellent yields on lands that ordinarily would not produce a fair crop of the usual seed corn varieties. Seed corn that does well on thin land will of course produce good yields on heavy land.

The Corn that made eighty-five bushels per acre

Ears that are exceptionally well filled out, so that there is little waste space between the kernels. 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.

A white cob of only medium size, which, together with the depth of the grains, gives it a remarkably high shelling percentage.

Kernels that are of ideal shape, Creamy White color, moderately rough with large germ.

A very strong, vigorous stalk eight to ten feet high. Matures early, about 100 days, therefore well adapted to drouthy sections.

Buy a bushel of this Corn and plant it.

A bushel of good Seed Corn that will increase your yield even five bushels per acre is worth $20.00 a bushel to you. Now don't forget that if you plant seed that lower your yields this much, that they cost you $20.00 per bushel.

Price, qt. 50c, postpaid; not prepaid, peck $1.50, 1/2-bu. $2.85, bu. $5.50.
COTTON IS THE BEST PAYING CROP OF THE SOUTHWEST

There being no other crop that is so well adapted to our soil and climate and which can be grown with as much certainty that you will have money in the fall with which to meet your obligations, it is therefore doubly necessary that you use every possible means within your power to protect your crop by using high-grade seed. There is no seed as deceptive to the planter as cotton seed. There is no seed that is more misrepresented; for this and many other reasons you should know that the seed you are planting comes from the highest known sources, for honesty and integrity in their dealings. Miscellaneous shippers of cotton seed is but a trifle compared with the danger of losing a crop by dealing with unreliable sources of supply.

The Cotton Seed Situation

The great drouth of 1917 (the most severe in 30 years) has worked great harm to the cotton crop, in many instances destroying it entirely, and in most localities has rendered the seed almost entirely worthless for planting. We have had many samples submitted to us for testing and in nearly every instance our laboratory shows a germination of only 30 to 40 per cent. We are therefore warning our farmer friends to use utmost caution in selecting their cotton seed for 1918 planting. We have used great care in selecting our supply and can safely say that none of it shows less than 91 per cent and from that to 99 per cent germination. Taking into consideration the high prices that cotton seed is bringing, you will be justified in selling it for oil purposes at from $60.00 to $75.00 per ton, although it is almost useless for planting purposes. The fact that seed is worth so much you will save by buying the very best that can be had, for you want every seed to come up, and our selected seed will enable you to plant very much less in the row, making a handsome saving in the end.

Another reason for wanting the best seed for planting is the high price cotton is bringing. High grade seed will bring much better results than ordinary seed, nearly all of which is mixed.

Pedigreed Cotton Seed for Planting

Field Cotton

It pays to plant pedigreed seed. The above illustration is a field of cotton grown especially to prove that the planting of high grade cotton seed pays. The cotton growing on the left side of the illustration is from Pedigreed seed. The plants on the right were grown from ordinary cotton seed.

We are large distributors of high-class Cotton Seed, being in close touch with scientific growers and originators place us in position to produce the best crops specially prepared at the proper season to insure entire satisfaction for our thousands of customers. There is no method equal to our Laboratory and Test Fields for selecting the best seed, which, in addition to a close survey of growing fields, gives us superior facilities so that we can give double assurance as to the quality of Cotton Seed distributed by us.
LONE STAR—The 50 cent Cotton

No. 575

This remarkable variety was offered by us for the first time in 1915 and so successful has it been that it has been impossible to supply the demand. With ideal conditions under supervision of the U. S. Department of Agriculture it has yielded two bales per acre, who also state that it is undoubtedly the best variety yet introduced for Texas soils and climatic condition and the very best results have been had in the Texas Black land belt where it is replacing rapidly all other varieties.

The plant is of medium height with one to four limbs and many long branches. In general appearance it resembles the well known Triumph but has important advantages over the Triumph. In the first place the staple is longer measuring from one to one and one-eighth inch, very strong and of uniform length and being the longest short staple cotton introduced up to this time. The bolls are longer, requiring from 35 to 45 to the pound, and produces 38 to 40 per cent of lint. Fruiting branches develop fruit 4 to 7 inches from their bases instead of from their extremities. The early maturing of this variety gives it a decided advantage over any other variety under Boll Weevil conditions, for when this pest becomes numerous the bulk of the crop has matured on the lower third of the plant and is not injured. The plant is of a strong structure making it more resistant to storms than any of the other varieties. Lone Star has never failed to bring a premium over any other variety of short staple cotton. It is undoubtedly the best cotton to plant in the Southwest.

Our crop of seed this year is again limited on account of unfavorable conditions, so we advise placing orders early and we will ship when desired. Peck 90c, Bushel $3.00, 10 Bushels $2.75 per bu.
Introduced by us in 1903, the Rowden variety has proven to be all that we have claimed and has stood the test of time with sales increasing each succeeding year. It is an early maturing Big Boll variety with splendid storm resisting qualities. It has the reputation of being the easiest cotton to pick and justly so, for the record is that pickers have picked from 150 to 200 pounds per day more than of any other kind.

It is mostly a five lock cotton, with 46 to 48 bolls to the pound of seed cotton. Bolls are large and pointed. Percentage of lint is from 33½ to 40%, has staple equal to any of the Big Boll varieties, and has an exceedingly fine drouth resisting quality with long tap root, large stalk, and under ideal conditions has yielded from 1½ to 1½ bales to the acre. We recommend this variety in every way for general planting, assuring our customers of its sterling worth.

The staple is not only strong and silky but runs 1 to 1½ inches — governed by soil and climatic conditions. It is of early growth and maturity and can exist on as little rainfall as any known variety. 1,400 pounds of seed cotton will give 500 pounds of lint.

This cotton is not only being kept up to its present high standard, but is being improved each year by the latest and most scientific methods of plant breeding.

**Four Reasons Why You Should Plant Texseed Rowden Big Boll Cotton Seed**

1. Its yield per acre.
2. Its percent of lint.
3. Its large storm proof boll.
4. Its easy picking qualities.

We have secured from our grower under contract a limited supply of the finest lot of seed of this variety that we have ever handled.

**Rowden Culled Seed**, with all small inferior seed, trash, dirt and leaves taken out and leaving only the largest and best seed and which gives the very highest percentage of germination. Price, Peck, 95c, bushel $3.25, 10 bushels $3.00 per bu.
Texseed Mebane Triumph Big Boll
The All-Round-Cotton No. 577

Our Triumph seed has proven itself by planters everywhere in the Southwest to be the earliest of any of the big boll varieties, therefore valuable in the boll weevil sections; to be highly drought resisting on account of its long-rooted stalk, and to be storm proof.

A 42 Percent Lint Cotton

It yields over 42% lint to the 100 pounds of seed cotton, requiring only from 1,300 to 1,500 pounds of seed cotton to make from 500 to 600 pound bale, and 10 bolls will make a pound of seed cotton. This variety is remarkably free from anthracnose.

It is mostly a five lock boll, yielding per acre far above the ordinary varieties and has frequently made a bale to the acre. Seed a brownish and greenish white with some green seeds.

The Cotton With Many Friends

This is an all-round cotton for the different soils and conditions of the Southwest. More of it is sold than any other variety, consequently it has more friends than other varieties. Our growers are scientific growers and originators, giving us a quality of seed that has never yet failed to give highest and entirely satisfactory results, and you can thoroughly rely in every way on Texseed Triumph seed. Price: Peck 90c, bushel $3.00, 10 bushels $2.75 per bushel.

Mebane Triumph

Jackson Round or Apple Boll Cotton
No. 578

This is a splendid variety of cotton. It is comparatively new and is an improvement on the old Apple Boll Cotton. It produces what might be called a medium stalk; puts from 1 to 3 limbs near the ground that grow nearly as large as the main stalk with the other limbs gradually shortening at the top of the stalk, which fruits very closely. The bolls are set on a short, stout stem and are of good size and are almost perfectly round when they open. The boll seems to turn back, which makes it very easy to pick with no burrs to hurt your fingers. It stays in the burr better than most varieties and makes a splendid turnout, around 40%. The lint is very rich and of a creamy color which opens a little earlier than other large boll varieties. The staple is good and always commands a little premium over all other varieties of this class. Our supply of seed this year is very limited and we suggest that you order early.

Write for prices.
LONG STAPLE COTTON

Long staple cotton has been grown principally in the Red River Valley of Texas. Some of the planters in Texas think that this is the only locality in Texas where the variety can be grown successfully. This is a mistaken idea, for good results have been obtained from the uplands of Texas. This cotton can be raised successfully upon the black prairie plains of Texas, although the staple is not quite as long as it is when grown upon the rich bottom lands. Long Staple Cotton was grown with great success this year on many farms in different sections of this state and there are a large number of our customers who know this to be true.

Why not plant Cotton which will bring from five to ten cents more on the pound? You can produce as much cotton to the acre by planting Long Staple Cotton as you can Short Staple Cotton and by receiving from five to ten cents more on the pound it would pay to raise this Long Staple Cotton.

IMPROVED SNOW FLAKE (No. 579) This variety has tall and usually of a semi-cluster shape. Some of the Long Staple Cotton has bolls that are small and hard to pick and these facts have been the reason why it has not been grown more. The bolls of this Improved Snow Flake are the largest of the Long Staple variety and as large as the medium sized bolls of the Short Staple and are easy to pick. The Staple is from 1 1/2 to 1 3/4 inches in length.

This variety produces 1/4 to 3/8 of a bale to the acre. This was the average yield of the Short Staple Cotton, but brought a price of 45 to 50 cents per pound, which nearly doubled the price of the Short Staple Cotton.

This Cotton was produced on the moist, rich bottom lands of the Red River Valley. There are plenty of similar lands in other parts of the state and people should take advantage of them by planting this Long Staple Cotton.

On account of the high price and demands for good Cotton Seed, we have only a very limited supply of selected seeds of this variety and recommend early orders.

Peck 95c, bushel $3.25, 10 bushels $3.00 per bushel.

Texseed High Bred Kings (No. 580)

This is without doubt the earliest maturing seed known to cotton growers, and is therefore valuable in sections infested with Boll Weevils, as it makes its crop before they hatch out. It is called in some sections "Sugar Loaf" on account of the pyramid shape of the boll; 100 to 160 bolls make one pound of seed cotton. Many growers report that they get 60% of lint from the seed cotton. In many parts of the Southwest it begins to open by July 15th, and nearly all opened by September 1st. It is a splendid drought resister. It grows about 3 feet high and yields remarkably well, under good conditions making from 3% to 1 1/2 bales per acre. The bolls are medium size with small, greenish white seed. On account of its earliness it makes a good yield when planted on oats and wheat stubble. It is remarkably free from anthracnose. Wherever a short growing season is demanded, King is the variety to plant. Whenever you see earliest cotton listed in catalogs under high sounding names at high prices, you can bet on its being Kings.

Peck 90c, bushel $3.00, 10 bushels $2.75 per bushel.
THE BEST FORAGE CROPS

Forage Crops should have one of the most prominent places on the farm. Acre after acre of land would lie idle every year if it were not possible to plant these crops. If a certain crop fails, even as late as June or July, it is possible to plant some kind of drought-resisting forage that will make an abundance of feed. There is hardly a farm in this great Southwestern country that cannot be made to yield magnificent returns by the proper selection and planting of the right kind of forage crops. The feed item on your farm is of much greater importance than any other in your most serious problems, and no doubt you realize from experience that if you have to buy feed it makes a big hole in your bank account.

Non-Saccharine Sorghums

These will succeed in the driest seasons. In weight of grain, they make more than the same land will in corn. They are enormous yielders of dry forage, and cost less to harvest than corn fodder alone. Cultivate the same as corn. When the seeds begin to glaze, every sixteen rows apart. After being well cured, stack it like ordinary corn fodder, or let it stand in the field until ready for use. The seed may be threshed by running the stalks through a threshing machine from which all but one row of the concave teeth are removed.

All Prices Subject to Market Changes

JERUSALEM CORN (No. 590) The best and surest grain crop for dry countries—even better than Kaffir Corn. Dhouara and Milo Maize. It grows from 3 to 5 feet high, makes one large head on the main stalk, and several smaller ones on the side shoots; eight heads sometimes grow on one stalk. The grains are pure white and nearly flat. Three pounds will plant an acre. Lb. 35c, postpaid; by freight or express, not prepaid, lb. 25c. Write for prices in larger quantities.

RED KAFFIR CORN (No. 591) Grows taller than the white; stalks slender, juicy and very leafy. The seed is red, smaller than that of the white, and hard and brittle. Ripens earlier than that of the white and yields much heavier. Lb. 35c, postpaid; not prepaid, lb. 25c. Write for prices in larger quantities.

WHITE KAFFIR CORN (No. 592) Grows 4 to 5 feet high. The stems are very leafy and keep green and brittle, unlike other sorghums, which harden. Makes excellent fodder, either green or dried. For grain, sow 10 pounds to the acre, in rows 3 feet apart. For fodder, sow from one-half to one bushel, either broadcast or in drills. Lb. 35c, postpaid; not prepaid, lb. 25c. Write for prices in large quantities.

EGYPTIAN WHEAT OR SHALLU (No. 593) A valuable new grain, entirely different from wheat. Some people say it is the Egyptian Wheat or Corn mentioned in the Bible. Our growers say, "It belongs to the Sorghum family and should be planted for grain or hay, either for grain or hay. Broadcast, using from four to eight tons to the acre. In drills, it yields seventy-five bushels of grain per acre. The grain is white inside and has a light hull. The heads are large and heavy, the grain hanging on one side. The grain makes better bread than Maize. All stock love it, and do well on it. With milch cows it is superior to cottonseed for milk and butter. It makes hen's lay better than any poultry food. The plant grows from 5 to 7 feet tall, and produces more and better fodder than cane. It will stand more wet or dry weather than maize or cane. We don't believe there is such a thing as failure with it." Plant in drills 3 feet apart, using ten pounds of seed per acre, or broadcast, using from two to four bushels. Lb. 35c, postpaid; not prepaid, lb. 25c. Write for prices in large quantities.

Milo Maze

REAL EXTRA DWARF YELLOW MILO MAIZE (No. 594) No doubt you have been buying

maize for Dwarf Maze for a good while, and when it grew it was the old common tall variety. We have had this Extra Dwarf Maze grown for us and carefully selected. The average height is from 3½ to 4½ feet. Besides being carefully selected, it is reclined. Price, lb. 25c, postpaid, not prepaid, lb. 15c.

WHITE MILO MAIZE (No. 596) It is a much heavier producer than the Yellow Milo Maize and we have had samples of heads sent us this season that are from 8 to 10 inches long, and weighing twice as much as the Dwarf Yellow Milo Maize. There will be a great quantity of this variety sold, as it has produced as well in the Panhandle and Western Texas as it has in Central and Eastern Texas, showing a heavy yield all over the state.

This variety is very similar in habit of growth to the old Milo Maize, the grain about the same size but pure white. The head almost doubles the size and twice the weight, very dwarf in growth. We post forage crops in the Southwestern states.

SPECIAL PRICES

In the back of this book there is a SPECIAL QUOTATION SHEET. Send us a list of your wants and we will quote you our best wholesale prices on large quantities.
**Feterita (No. 597)**

Feterita grows about five feet high on an average, and a crop of it growing looks very much like a crop of kaffir or dwarf white milo. The heads grow up straight like kaffir and are a little larger around but not quite so long. The grain is white like kaffir and about twice the size. The grain is softer than kaffir or milo grain and is liked better by all kinds of stock. Feterita matures from 40 to 60 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. After being tested in Western Oklahoma for three years it has been found a much greater drouth-resister than kaffir or milo. Feterita grown by the side of kaffir or milo produced from 50 to 85 bushels per acre, while the kaffir and milo produced from 10 to 25 bushels. This year there is a difference of from 15 to 25 bushels in favor of Feterita. Feterita has the same feed value for feeding all kinds of stock or poultry that kaffir or milo has.

**Method of Planting**

Feterita should be planted in rows 2 1/2 feet apart and the seed should be dropped from 6 to 8 inches apart in the row. One bushel (56 pounds of seed) will plant about 18 acres of land. The seed being larger than kaffir seed, will not plant as far in acreage as the same amount of kaffir seed. When Feterita gets up about 5 inches high, each plant puts out from 4 to 10 suckers plants and each of these suckering plants grows up the same as the main plant. On account of this suckering habit with Feterita, it should be planted a little thinner than kaffir or milo. The suckering habit with this plant also accounts for the great yield of this crop.

**Cultivation**—The cultivation of Feterita should be the same as that for corn, kaffir or milo. Where dry land methods of cultivation are practiced this crop should be cultivated according to these methods.

**Harvesting**—Feterita should be cut and bound the same as kaffir or milo and fed out in the bundle to get the best results from it.

**Feterita Flour**—So great has become the demand for Feterita flour that millers making it cannot supply the trade. Many farmers, seeing the demand for the new flour from the new drouth-resisting crop, are planning to increase the Feterita acreage.

**Feterita, Fine Feed for Hogs**

After the heads of Feterita have reached the dough of flour stage, it is a most excellent feed for hogs. It has about the same relative value to dry Feterita that the roasting ear has to dry corn. Ten bushels of Feterita seed is considered equivalent to nine bushels of Indian corn in feed value.

**Prices—Per lb., postpaid, 35c; not prepaid, 25c. Write for prices in large quantities.**

**Higaru (No. 598)**

(This is pronounced Hagari.)

It is a new grain or forage crop, which is a cross between White Kaffir Corn and Feterita. It is more desirable for forage than either, as the bad qualities of both have been eliminated. Feterita shells out very much better than kaffir or milo, and the quality of the grain makes it very attractive. The stems are rather sweet and horses, cattle and all stock, eat stalk, fodder and grain. The yield is fully three tons. Prices: *Lb., postpaid, 35c. Write for prices in large quantities.*

**BROOM CORN**

Broom Corn is one of the most profitable crops the farmer can grow. Last year the straw sold as high as $3.00 per ton. We would strongly advise more of our farmers growing this crop. If you want all information about how to grow Broom Corn, write to the Department of Agriculture, Washington, D. C., and ask for Farmers' Bulletin on growing Broom Corn.

**IMPROVED EVERGREEN (No. 600)**

Grows about 8 to 10 feet high. Stands up well and is entirely free from crooked brush.

**DWARF (No. 601)**

Grows 4 to 5 feet high and makes straw of finest quality. The fiber is long and fine. *Lb. 45c, postpaid; not prepaid, lb. 35c. Write for prices in large quantities.*
Texas Seeded Ribbon Cane
Saccharine Sorghums—Sugar Cane

HONEY DRIP OR JAPANESE VARIETY (No. 603) It grows 10 to 12 feet high and is very prolific, sometimes producing five to seven stalks from one seed. Matures about the middle of August to October, owing to time of planting, but will keep green and stand, if desired, until killed by frost, allowing the farmer to take his own time to harvest for syrup. As a syrup producer it has no equal, being exceedingly juicy and sweet, making from 200 to 400 gallons per acre, highly flavored. As a feed crop it is the best a farmer can grow, on account of its immense amount of sugar, producing from two to three crops per season. One great advantage over some other varieties, if the season is too dry for more than one crop to be raised, this first growth will not mature and fall down, but will stand until frost, retaining its soft, nutritious qualities. It has a large, open head, with bright red seed, and if allowed to stand until late fall each stalk will produce 7 to 8 heads, free from smut. For syrup, sow 10 lbs. per acre. Price, lb. 45c, postpaid; not prepaid, lb. 35c. Write for prices in larger quantities.

GOOSENECK SEEDED RIBBON CANE (No. 602) The Goose Neck variety you have possibly planted; if not you have read of this wonderful variety of Sorghum. We were the first to introduce this a number of years ago, and the wonderful success that our farmers have with this variety of Sorghum always gives it a prominent place among forage crops. Every customer who has tried this wonderful variety is highly pleased, and on account of the increasing demand for ensilage crops, you cannot find a variety of sorghum for forage that will give better returns. The superiority of this cane over Sorghum is so great that when once grown it will always be planted either for forage, ensilage or syrup.

The stalks grow from 12 to 14 feet high. Cut with the foliage on and run through the mill, it makes the finest ensilage for all kinds of stock. It matures early and is ready to cut and grind the latter part of August, while ribbon cane is not ready before October. The yield of molasses is from 250 to 350 gallons per acre, it will grow anywhere that Sorghum will grow. In planting, prepare the ground and cultivate the same as for sorghum. Plant in rows 3½ feet apart. Six to eight pounds of seed will plant an acre if planted in drills. Price, pound 45c, postpaid; not prepaid, 1 lb. 35c. Write for prices in larger quantities.

STRAIGHT HEAD RIBBON CANE (No. 602A) This variety is excellent when cut with the foliage; makes fine ensilage for all kinds of cattle; it will also make 200 to 300 gallons of molasses to the acre. We class this variety as one of the best of the seeded ribbon cane family. Price, per lb. 45c, postpaid. Write for prices in larger quantities.

EARLY ORANGE (No. 604) With taller and heavier stalks than Early Amber. Largely used for hay and fodder. Excellent for making syrup. Lb. 25c, postpaid. Write for prices in larger quantities.


RED-TOP AFRICAN OR SUMAC CANE (No. 606) Grown very extensively in the Panhandle of Texas. Seed is much smaller than that of Orange or Amber. Very sweet, and one of the best for hay. Lb. 35c, postpaid; not prepaid, lb. 25c. Write for prices in larger quantities.

SPECIAL PRICES
In the back of this book you will find a SPECIAL QUOTATION SHEET. Send us a list of your wants and we will quote you our best wholesale prices on large quantities.
SCHROCK—Kaffir Sorghum (No. 607)

New Forage Plant—
The Most Wonderful of All

Introduced by us two years ago, this new Forage Plant has created intense enthusiasm wherever it has been grown. The season of 1917 the most unfavorable in twenty-five years has absolutely proven its drouth resisting qualities. Our grower planted his crop very late and with only two or three showers has grown a full crop of splendidly matured seed and we hope to be able to supply in full all orders received in the early part of the season of 1918.

A Field of Schrock Kaffir Sorghum—The Great Forage Plant

Like every variety, there is always something new to learn about it and we have come to the conclusion, after careful investigation and growing this crop ourselves, that in order to get the best results, it should be planted early, about the same time that corn is planted.

Schrock Kaffir Sorghum is unlike the other grain sorghums for the reason that the seed will germinate readily when the ground is cold, and this is a great advantage in getting early feed and ensilage for silos. If you will give Schrock Kaffir Sorghum a chance to get a good start in the early spring, you will be surprised at the great amount of grain it will produce, besides it will stow as rapidly and the earlier planting will allow all of the shoots to mature seeds. It is very difficult to get a stand of such grain as Milo Maize, Peterita, as the seed are likely to rot in the ground when it is cold. With the early planting of Schrock Kaffir Sorghum, you are always sure to make a good crop, for if the drouth does come, you will find that it will stand more drouth and will make more ensilage than the other grown sorghums.

Our seed is grown by the originator and it made 70 bushels of seed to the acre. Schrock Kaffir is not an experiment and is fully described in the Department of Agriculture Bulletin No. 383, published August 15, 1916. In this bulletin the Government gives Schrock Kaffir, after testing it in 1912-14-15, in comparison with other new sorghums, a splendid record.

In our 1916 catalog we gave a full description and history of the discovery of this new variety. In brief, it was discovered by Mr. Schrock in finding a plant growing in a near-by field. Mr. Schrock noticed it to be very vigorous and heavy seeded, so he gathered the seed and planted it the following season and found it to be a very valuable variety of Sorghum.

We believe that it will always have its place as a drouth resister, heavy seeder, and we believe that it will always have a prominent place among the Sorghum variety on account of its earliness, great amount of forage and seed crop and because the seed do not shatter, and for the fact that after the Schrock Kaffir is in the stack, it does not heat.

It is very uniform in height, 3½ to 4 feet, and it makes fine leafy hay when sown broadcast and can be handled with a wheat binder or cut with a mower. All kinds of stock like the ensilage.

METHOD OF PLANTING

The seed should be sown in rows 3 feet apart; 3 pounds of seed is sufficient to plant an acre. For the best results, it should be planted as early as corn. If planted early it will make three to ten heads on every plant. Plant the seed at least 2 inches deep. Run a cultivator very shallow. If cultivated too deep a great many of the roots are cut off. A little seed goes a long ways, unless it is sown for forage, when it can be sown broadcast at the rate of 50 pounds to the acre.

PRICE

Price, lb. 40c, postpaid. Write for prices in large quantities.
ALFALFA

We make a specialty of Alfalfa Seed and usually carry from 50,000 to 150,000 pounds in stock. We have all our Alfalfa Seed tested for purity and are always glad to submit samples to intending purchasers, together with prices and analysis. There is a great deal of Alfalfa Seed sold at low prices, which is usually full of weed seeds, dead seeds that will not grow, or second-grade small seed that is taken out from the seed that has been cleaned.

Second-grade seed, small seed, may not have many weed seeds in it, but, being a second-grade, small seed, it cannot be expected to give as good results as the best quality, that has large, plump grains which are full of vitality. Therefore, they will really cost more than the best seed at a higher price. Very often seed that is sold at 15 cents per pound costs the farmer more, on account of weeds and dead seed that are worth nothing, than if he had paid 30 cents per pound for the best seed. Every farmer ought to send to the Department of Agriculture, Washington, D. C., for their bulletin on Alfalfa Seed, it is free. If you want the best Alfalfa Seed, ask for the Texseed Brand in sealed bags.

Sow twenty to twenty-five pounds of fancy, or twenty-five to thirty pounds of cheaper grades per acre. Sow in September, October, November, or February, March and April.

TEXSEED BRAND EXTRA FANCY ALFALFA SEED (No. 615) This is the best quality of seed we can sell, and sold in sealed bags only. If you want the best, plant the Texseed Brand. lb. 50c, postpaid; not prepaid, 45c. (Write for prices larger quantities.)

FANCY IRRIGATED OR NON-IRRIGATED SEED (No. 616) POUND 50c, postpaid; not prepaid, pound 40c. (Write for prices larger quantities.)

FIRST CHOICE SEED (No. 617) lb. 40c, postpaid. Write for prices larger quantities.

PRIME SEED (No. 618) lb. 40c, postpaid; not prepaid, lb. 25c. Special prices on large lots.

TURKESTAN ALFALFA (No. 619) This we believe to be one of the most important introductions in recent years. It is a variety of Alfalfa brought to us from Turkestan, a part of Asia, where it gets very cold and exceedingly dry during certain months of the year. As far north as Wyoming and Dakota, Turkestan Alfalfa is perfectly hardy, having withstood a temperature of 50 degrees below zero without harm. It also withstands drought to perfection, and is able to grow satisfactorily with a minimum supply of water, a supply so small that Alfalfa would perish. Turkestan Alfalfa has a very large root system, which draws the water supply from the subsoil. The fodder which they furnish is greatly superior to common Alfalfa, and the yields of hay much larger. lb. 50c, postpaid; not prepaid, lb. 45c. Write for prices larger quantities.

PERUVIAN (No. 620) A new long-season variety for the Southwest. Its unusual rapid growth, quick recovery after cutting, and continued growth through the winter in favorable climates, results in the production of one or two more cuttings of hay each year than are yielded by the alfalfa commonly cultivated. The explanation for this is found in the difference in the location of the zero point of growth in the Peruvian and in ordinary alfalfa. The temperature at which Peruvian Alfalfa ceases to grow is about 48 degrees Fahrenheit, while that of common alfalfa is about 57 degrees Fahrenheit. The repeat orders and the testimonials we are receiving from those who were fortunate enough to obtain some of this seed last three years is further proof of its remarkable superiority over other varieties in a mild climate. Price, per lb. 60c, postpaid; not prepaid, lb. 50c. Write for prices larger quantities.

TESTED SEED

We will gladly submit samples giving you the germination of our Alfalfa Seed. We are able to do this because we have our own Seed Laboratory. Alfalfa at 25c per pound might be a great deal cheaper than seed at 50c per pound; although to the average person they would look almost identical, but you should know the germination and whether the seed contain dangerous weed seeds. Be sure you are getting the right seed and don't try to save a few dollars. It is better to be sure than sorry.
CLOVER SEEDS

SWEET CLOVER, Melilotus Alba or White Sweet Clover, No. 625

This valuable forage plant has been known to the human race for more than twenty centuries. For many years it was considered undesirable, but recently has come into its own, especially in the great Southwest, and has proven itself highly efficient, not only as a food for stock, but also as a "soil improver." Experiments made in various ways by government authorities have proven its elemental value in both these respects. Crops following Sweet Clover have shown an increased yield of more than twenty-five per cent. Its feeding value has also been fully demonstrated; fed to lambs, mixed with grain and cotton seed meal, its feeding value is nearly as great as Alfalfa; fed to pigs, its value is nearly as good as Red Clover, and Sweet Clover is much more easily grown in the Southwest than Alfalfa or Red Clover, as it thrives in both upland and lowland. Prefer, of course, the rich soils, and giving results commensurate with the fertility of the land on which it is grown.

The yield per acre is anywhere from 2,000 to 5,000 pounds the first year and from 5,000 to 8,000 pounds the second year.

Scarified Seed

Possibly you do not realize what Scarified Seed means. It is a mechanical treatment that we give the Clover Seed in a Scarifying machine, which scratches and breaks the hard shell of the seed, which gives them a much larger per cent of germination. All varieties of Clover Seed have more or less hard seeds in them. These hard seeds will not germinate quickly. The United States Department of Agriculture states that between 20 and 30 per cent of the hard seeds will germinate after they have lain in the ground for three or four months, and sometimes longer. Usually the germination on our unscarified seed is around 40% and 50%, sometimes less, but by scarifying the seed, we can increase the germination in many instances to 90 and 95 per cent promptly. Seeds treated by this new process have been thoroughly tested both in our laboratory and field trials, and this new machine gives promise of doing much to increase the crop of Clover all over the country by overcoming the slowness in germination of the seed.

We are always on the alert to take hold of anything new that has merit, in order that we may be able to give our customers the very best seed that can be had. A great many planters, in buying Sweet Clover heretofore, have blamed the seed merchants for bad seed, but it is not our fault, and we are only too glad to be able to get hold of a process that will give the seed a satisfactory germination. If you are in the market for Sweet Clover in large quantities, we will be glad to have you write us for samples, and we can give you the germination, as we have our own seed laboratory. However, we want you to be very careful in buying Sweet Clover to see that they are scarified, and, of course, there is some little extra expense attached to this work, consequently a difference in the price of the seed.

We recommend from 15 to 20 pounds of our Scarified Seed to the acre.

Cultural Directions

Sweet Clover requires a well-settled seed bed. If you plow for it, do so at least two months in advance, so the seed bed will be very firm. Seed should be sown in the fall, or by any stubble or sod land by running a harrow over the ground after the seed is sown. So many failures in growing a crop are occasioned by planting in soft ground. Planting may be done any time from October to April, the earlier the better.

Seed

Sweet Clover is a biennial plant, producing seed the second year, when it dies. Usually, however, it will reseed itself from seed scattered from the plant.

It is very important that proper seed be had, as there are three varieties, two of which are worthless, the White Flowered being the only variety to use.

Price of Scarified Seed: 60¢ per lb., postpaid; not prepaid, 55¢. Write for prices in larger quantities.

ALSIE OR SWEDISH HYBRID (No. 626) (Trifolium hybridiurn.) Perfectly hardy, drought-resistant Clover from Alsike, Sweden. Sow 5 to 6 lbs. per acre. Lb. 50c, postpaid; not prepaid, lb. 40c. Write for prices in larger quantities.

JAPAN (No. 627) (Lepidota striata.) Very valuable perennial of low, spreading growth. Withstands excessive droughts and flourishes in poorest soils. Lb. 50c, postpaid; not prepaid, lb. 40c. Write for prices in larger quantities.

WHITE DUTCH (No. 628) (Trifolium repens.) In connection with Kentucky Blue Grass, it furnishes finest and most nutritious pasture for sheep and cows. Also used for making lawns. Sow 7 to 8 lbs. per acre. Lb. 75c, postpaid; not prepaid, lb. 65c. Write for prices in larger quantities.

RED (No. 629) (Trifolium pratense.) Very largely grown. Furnishes heavy crops of green feed or hay. Sow 6 to 10 lbs. of clean seed per acre. Lb. 60c, postpaid; not prepaid, lb. 50c. Write for prices in larger quantities.

Burr Clover

No. 631

This seed is very hard to thresh out from the burrs, but we have been able to secure a limited supply of clean seed. It is very much more satisfactory to sow than the seed in the burrs. We now are using this way in the field where this crop was grown. Sow 40 pounds of this seed per acre. Price, per lb, 30c, postpaid. Write for prices in larger quantities.

Burr Clover in the Burr

We can also furnish the Southern grown Burr Clover in the burr. It is desired by many on account of the fact that in gathering the burrs take up a great deal of the loamy soil. We furnish this way in the field where this crop was grown. Sow 40 pounds of this seed per acre. Price, per lb, 30c, postpaid. Write for prices in larger quantities.
**Crimson Clover No. 630**
*(Trifolium Incarnatum)*

By A. H. Leidigh, Agronomist in Charge of Soil Improvement, Texas Agricultural Experiment Station

The Crimson Clover plant is sown in the fall. It is used as a winter cover crop for orchards and fields in the South. When so used it protects the land from washing, enriches the soil and produces a crop to plow under for manure. It is also of value for hay and pasture.

Our open winters allow Crimson Clover to make growth during nearly every month. It thus uses the land at a time when it is not occupied by other crops. Corn or cotton seeded on the same fields in the spring will make a much better growth because of the fertility added and stored up by the clover. Its use is only advised in those parts of Texas where fall or winter rainfall occurs.

Crimson Clover does best on loamy soils, but it will grow on either sandy or clay soils if given proper care. On poor soil a reasonable amount of fertilizer may have to be used.

By using Crimson Clover on corn land the yields have been very greatly increased. To best utilize the crop it must be plowed under for manure. In preparing land for corn or cotton plow the Crimson Clover under at least one month before planting time. This month must then be devoted to working the bare land into a good seed bed. In case the clover grows rapidly, it may be best to plow even earlier than this, as it should be plowed under before it blooms. Where Crimson Clover is turned under the plowing, except on deep sandy land, should be as deep as any that has been given the field for some years. If the land has never been plowed deep, then plow it five or six inches deep, but not over one inch deeper than it has been plowed. Plows should not be plowed too deep; five to six inches is deep enough.

The successful way to plant Crimson Clover is to seed it in late fall or early winter. The seed is raised on a cultivated crop. By so doing much labor is saved and the seed is planted before the other crops are harvested. Moisture and shallow covering of the seed is needed to start the plant. If the crop now in the land has been well cared for, the seed may be broadcasted and covered by any cultivating tools.

If stubble fields or bare land have to be used, then special plowing and careful working down of the soil is necessary. It is important that such a seed bed be well firmed and in an excellent state of cultivation.

The seed should be planted in August or early in September. Fifteen to twenty pounds of seed are used to the acre. Broadcasting by hand or with a hand sower is the usual method of scattering the seed. Where seeding is to be done in a corn field, it may be practical to roll the soil before the seed is dropped, so as to throw the seed out above the corn stalks. The seed should be covered about an inch deep. While it is best to sow the seed soon after a rain, it is nevertheless possible to seed in dry ground and get a stand from rain which comes later.

Price, lb. 60c, postpaid; not prepaid, lb. 50c. Write for prices in large quantities.

**Grass Seeds for the South and Southwest**

**PASPALUM DILATATUM (No. 637)** *(Australian Water Grass)*. Has given splendid results in Southern climates. It is an ideal grass for dairy farmers, as it produces enormous quantities of fresh, green juicy feed during the hottest weather; it also keeps green during the winter. The seed may be sown at any time during the fall and early spring, generally with a mixture of rye. It germinates very slowly, requiring from three to four weeks of warm, moist weather to sprout. Where the climate is too dry to insure proper germination it is advisable to sow the seeds in beds which can be watered. This grass does best in warm countries with abundant rainfall. *Lf. 85c, postpaid; not prepaid, lb. 75c.* Write for prices in larger quantities.

**MEADOW FESQUE OR ENGLISH BLUE GRASS (No. 638)** *(Festuca Pretensis).* Also called Randall Grass in some Southern States. One of the most valuable pasture grasses. Highly relished by stock. Sow in spring or fall at the rate of 30 to 40 lbs. per acre. By mill, lb. 50c; not prepaid, lb. 40c. Write for prices in larger quantities.

**TIMOTHY (No. 639)** *(Prenematum).* If sown with Clover, use Mammoth or Sapling, as the Red Medium will ripen about three weeks before the Timothy. Sow 12 to 15 pounds per acre. *Lf. 40c, postpaid.* Write for prices in larger quantities.

**SPECIAL PRICES**

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GRASS SEED

Bermuda Grass No. 639

TESTED IN OUR OWN SEED LABORATORY FOR PURITY AND GERMINATION

Excellent for making lawns as well as pasture. Bermuda Grass in the South, like corn in the North, is one of the grasses for pasture, and yields good crops of hay on rich soil. It grows over nearly all soils, but succeeds best where land is fertile. Withstanding, as it does, the extremes of heat and drouth, it makes a thick interwoven sod and furnishes an abundance of leaves, which afford constant grazing throughout the summer months, and will stand the trampling of cattle and the extremes of heat and drouth better than any other grass we know. Horses, cows and other stock relish and eat it readily. Bermuda Grass yields two to four tons per acre on rich soils in the South, and in comparative test with timothy is found to contain more nutritive qualities, and costs about one-half. During the warm months, and especially the heated dry spells, there is nothing that furnishes better pasturage, though little grazing is afforded in some of the winter months. It is not recommended if the land is to be sown afterward in cultivated crops, as it is hard to eradicate it. In the South, however, it will stand indefinitely, and if plowed and harrowed in the spring once in three to five years the yield will be constantly kept up, especially if an application of fertilizer or stable manure is given occasion-ally. To eradicate it the soil must be deeply plowed, the roots inverted to the sun in the hot, dry weather for two or three weeks, and the land then sown in cow-peas, afterwards followed by a crop of oats or rye, and another crop of cow-peas, as this constant shading and growth will smother it out. It has been popularly supposed that a stand of Bermuda Grass cannot be obtained from seed, and planting by rescued seed has been recommended and generally practiced throughout the South. This is erroneous, as, if good seed is obtained, there is no trouble in getting a stand, and the cost of seeding in comparison to sodding is trifling. The seed should be sown in February, March or April, at the rate of 8 to 10 pounds per acre. A rainy or damp day is best time to sow. Prepare the land well, getting it into as fine condition as possible, and make a good, firm seed-bed. As the seed is small, it should be lightly covered: a roller is preferable, or, if this cannot be obtained, use a brush harrow and cover the seed very lightly. They will lay dormant possibly thirty days in the ground until proper time to germinate. Care has to be taken to insure a good stand. It is now well known that there is much adulteration of Bermuda Grass, by mixing other seeds with them, that have the same appearance to the naked eye. There are many cases where purchasers thought they could not obtain a stand of this valuable grass, when, in fact, what they had sown contained only a small per cent of genuine Bermuda Grass. The seed we offer is perfectly pure, clean and fresh. TexasSeed Brand is the best grade of new crop seed, thoroughly reclaimed. 1lb, 90c, postpaid; 10lb, 80c. Write for prices in larger quantities.

Johnson Grass No. 641

Don't plant this unless you intend to keep it on your farm. It may surprise you to know that we sell several car loads of Johnson grass seed every year, and we receive so many letters every day asking if we can furnish the seed, that we feel bound to call our customers' special attention to it, as many think we do not carry it. A good many people think there is a law against planting this seed, but this is not true as far as we know. The grass can be killed out by constant cultivation, by plowing the ground during extremely hot weather or in the extremely cold weather and then planting the ground in a crop that needs a good deal of cultivation.

This grass has long been avoided by farmers who know it, but they are now coming to know its value as a hay crop. Johnson Grass hay is staple on any market in this section of the country, always brings a splendid price, right next to prairie hay. It can be sown almost any month in the year whenever there is sufficient season in the ground to get a stand. It is not like small grass seed in the way of getting a stand, as there is no trouble whatever in getting a good stand. The ground should be well plowed and harrowed and the seed harrowed in. It requires about 15 to 20 pounds to sow an acre. This is a perennial grass with long, cane-like roots which spread very rapidly. We have many calls for this grass in Arizona, New Mexico and Arkansas, in fact, the entire country is beginning to realize its value. Last season we sold one planter, 10,000 pounds of this seed. He evidently knew the value of this wonderful grass. Price per 100, 35c, postpaid. Write for prices in larger quantities.

Colorado Grass No. 640

It is valuable for all purposes for which the ordinary millet seed is used, and should be tried throughout the South. In Texas, where it is most largely grown, it generally overcomes other grasses and weeds, but in some of the other Southern states, crab-grass and weeds have interfered with its growth.

Price, 1lb, 35c, postpaid. Write for prices in larger quantities.

A PERMANENT PASTURE

Nothing is more valuable to a farm than a permanent pasture. A good pasture can be made by sowing broadcast Burr Clover and Rescue Grass Seed, as early as possible in the fall, not later than November 20th, about ten pounds of seed of each per acre. In April or May the following season after the Rescue Grass and Burr Clover have seeded, disc the land and plant two to three pounds of Bermuda Grass Seed per acre. If you haven't a pasture of this kind and have not sown the Burr Clover and Rescue Grass Seed in the fall of the year, we advise that you disc your land in the spring and sow Bermuda Grass. You can then disc in the Rescue Grass and Burr Clover next fall, as the plowing of the land will not kill the Bermuda and it will come up the succeeding spring.
**RHODES GRASS—A GREAT YIELDER**

12 TONS TO THE ACRE PER YEAR

This past year Rhodes Grass made a wonderful record. Many farmers are carried away with the wonderful qualities of Rhodes Grass and if you will remember the past season in South and Southwest Texas was about as trying a season as could be imagined. Rhodes Grass will not freeze out unless the temperature gets down to about 10 degrees above zero, therefore, it is a permanent pasture and hay meadow as long as it does not freeze. We recommend sowing from 7 to 10 pounds to the acre. Most varieties of grass seed are slow to germinate. We consider germination of 60 to 70 per cent very high. All of our seed are tested in our own Seed Laboratory for germination and we will be glad to give you the test of our seed. Rhodes Grass is not a pest and can easily be disposed of. It should be planted broadcast on well pulverized soil in February, March and April and a drag or brush or very light harrowing to follow planting. The seed are very light and cannot be properly distributed except on a very calm, windless day. It requires from three to six weeks to germinate. Seed grown north of 27th degree of latitude will not germinate. **Price, per lb. $1.00, postpaid.** Write for prices in larger quantities.

**NATAL GRASS (No. 643)**

This splendid new pasture and hay grass was introduced to our customers by us several years ago. We predicted a great future for it. We have many letters from customers who grew only a small patch that have had wonderful results. This grass will not freeze out unless the temperature gets down to as low as 15 degrees above zero. It is therefore a permanent pasture and never killed by severe freezes. Natal Grass has not been tried as extensively as Rhodes Grass but it has just as good a record. The best point about Natal Grass is that it thrives on the poorest soil. The first crop is ready for harvest 60 to 70 days from the planting of the seed. It should be planted broadcast at the rate of 7 pounds to the acre. Natal Grass is not a pest and can be easily eradicated. Account of the exceedingly light weight of Natal Grass seed it never germinates over 40 to 50 per cent. We know of one man in Florida who is planting 5,000 acres in Natal Grass. The fact that Natal Grass is a pasture and hay grass makes it so valuable as this combination is seldom found. **Price, per lb. 85¢, postpaid.** Write for prices in larger quantities.

**MESQUITE GRASS (No. 648)**

The only variety of Mesquite Grass that does well is the Hilaria Cenchroides, which is the curly Mesquite. It is useless to order any other variety. This season was a bad year for this seed and we cannot offer the curly variety. **Price, per lb. 50c, postpaid.**

**RESCUE (No. 645)**

(Bromus unioloides.) FInest grass for winter pasture in the South. It succeeds best in rich, loamy soil. Sow in August and September. This grass is an annual and will die after producing seed. If prevented from seedling will last for several years. During the summer it dries up so that the use of the land during that period is lost. Sow Bermuda Grass for summer and Rescue Grass for winter, and have green pasture the year around. **Price, per lb. 50c, postpaid.** Write for prices in larger quantities.

**HUNGARIAN BROME GRASS (No. 647)**

(Bromus secalinus) The most wonderful growth-resisting Grass in cultivation. It grows from 3 to 4 feet high, furnishing an abundance of splendid hay and a quick after-growth, which affords fine grazing. The roots form a very thick sod, crowding out weeds and other plants. **Price, per lb. 40c, postpaid.** Write for prices in larger quantities.

**RHODES GRASS**

(No. 642) When we first listed Rhodes Grass in our catalog several years ago, we predicted at that time that it would be one of the most valuable grasses for the Gulf Coast country. New seed do not take rapidly and farmers only plant a few pounds, and it has taken several years for this wonderful new grass to get a start. Many planters claim that it is the greatest asset for all South and Southwest Texas, the Gulf Coast of Louisiana, Alabama and Florida that has ever been found.

**RHODES GRASS ORCHARD OR ROUGH COCK’S FOOT (No. 645)**

(Dactylis glomerata.) Well adapted for sowing in shaded situations, in orchards, or under trees, etc. Sow 20 to 25 lbs. to the acre. **Price, per lb. 50c, postpaid.** Write for prices in larger quantities.

**PERENNIAL OR ENGLISH RYE GRASS (No. 646)**

(Lolium perenne.) Produces an abundance of bright green foliage throughout the season. On account of this it is used for lawns in connection with other grasses! However, its main purpose is to furnish a nutritious permanent Grass for meadow and pasture, which endures close cropping and makes a strong, quick after-growth. It prefers rich, moist soil, but will also do well on sloping banks, as its roots are very fibrous and spreading, forming a mat-like mass. The hay cut from it is very nutritious and well liked by all kinds of stock. Sow twenty pounds to the acre. **Price, per lb. 40c, postpaid.** Write for prices in larger quantities.
SUDAN GRASS HAS COME TO STAY (No. 644)

Field of Sudan Grass

"GROWING THE CROP. It may be grown either drilled, in cultivated rows, or broadcasted. If planted in cultivated rows, the rows should be as close as possible, and yet permit of easy cultivating. In thirty-inch rows, two to three pounds of seed per acre is ample; and, under conditions of very low rainfall, this method is recommended. Under humid conditions, 18-inch rows are preferable, and five pounds of seed per acre are sufficient. For drilling or broadcasting, 15 to 25 pounds of seed per acre, depending on rainfall, should be used. The seed should not be sown until the ground is warm, that is, about the time for planting corn. The young plants will withstand slight frosts without injury."

"HARVESTING THE CROP. The hay should be cut as soon as the grass is fully headed, and early cutting is especially advisable where two or more cuttings per season are expected. The grass can be cut with a mower, but more conveniently with a binder, especially in dry regions, as the hay cures very readily in bundles.

Sudan Grass has without doubt solved the hay question wherever it can be grown. Our farmers are looking for a crop with both a feeding value and a market value. This country has never produced enough hay. Good hay always brings splendid returns. Hay is the best forage and the most convenient to handle. Sudan Grass is a great hay-producing crop, both in quality and yield.

Sudan Grass is Without Doubt the Greatest Drought-Resistant Forage Crop Known

At the same time it does not blight where the moisture is heavy, and under good seasonable conditions it yields a larger tonnage of hay per acre than any other crop known. It recovers rapidly after cutting and the next crop is usually ready for harvest within thirty days from the first cutting.

It is an annual plant, and taking into consideration the value of the Forage, Hay and Seed, it will soon be recognized as one of the most profitable crops.

Last year was the first year that we had seed to offer our customers in any quantities, but we have had large quantities of this seed grown for us this season—seed that has been especially grown and saved for planting purposes.

Price 75c, postpaid. Please write for prices in larger quantities.

DWARF ESSEX RAPE (No. 655)

The Winter variety of Brassica Napus L. is one of the most valuable forage crops ever introduced into this country and is highly recommended for succulent forage during the summer, fall and winter months.

This variety of rape is a biennial, resembling rutabaga in appearance, and being a much larger leaf and root system. Under ordinary field conditions this plant should reach a height of three to four feet. In some sections of this country the yield per acre averages twenty-five to thirty tons of green fodder, and under ordinary conditions a yield of ten to twenty tons can be expected.

Its chief use, as previously stated, is for forage. The feeding value is extremely high and excellent results are obtained in fattening sheep and swine for market. It is also recommended for feeding milk cows and young lambs. Caution should be taken at first not to let hungry animals, with the exception of swine, eat their fill, as there is danger of injury from bloating.

This seed may be sown in many ways to suit conditions existing in various locations. It may be sown in early spring, or after the soil has produced an early maturing forage crop, or just before the last cultivation of corn. The most profitable results have been obtained in this section of the United States by seeding in September or early October.

When planted in drills far apart to allow cultivation, two or three pounds of seed per acre is sufficient under favorable conditions. Under other conditions the amount necessary has never been found to exceed five pounds. If sown broadcast, where favorable soil and climatic conditions exist, the amount required per acre varies from five pounds to eight pounds per acre.

It requires a rich, moist, loamy soil, but has been found to do exceptionally well on any but light, sandy soils and stiff clays.

The farmer is cautioned in purchasing Rape to be sure of getting the Dwarf Essex variety of Winter Rape. The Summer variety of Brassica Napus being annual, has no forage value and is grown only for bird food, oil and fertilizer.

Large packet 10c, 1½-lb. 25c, lb. 50c, postpaid. Please write for prices in larger quantities.
MILLETS

To grow Millet for hay it should be sown broadcast at the rate of fifty pounds per acre. If sown for seed purposes it should be sown very much thinner, so as to allow the Millet to grow larger and the heads to develop. To have best results with Millet, it should be sown on good, rich upland, containing a good amount of plant food. It will not grow satisfactorily on thin, gravelly ground, in poor, sandy soils unless considerable fertilizer is used, or give satisfaction on cold, damp land.

The best time to plant Millet is from April to August. The ground should be thoroughly broken and made smooth with harrow, or by rolling the land. For hay it should be cut while the seed is in the milk as when the seed matures, it is not good for stock. It is easily cured, requiring only one day's sun to put it in condition. Two crops can be grown on same land if desired.

A FEW WORDS ABOUT QUALITY

There is probably no other kind of field seeds where quality is more difficult to judge than in Millets. Seeds of the small or common Millet may look just as good as those of the big German Millet, but how different will be the resultant crop! We have handled Millet seed for years; studied it and are better posted as to the different grades of Millet than the average dealer. Making a specialty of Millet seed, we are in a position to serve you with the best and choicest that can possibly be procured. All seed is re-cleaned with the best machinery and the seeds put in strong, heavy bags. Millet de- 

TEXSEED BRAND
FANCY BIG GERMAN
MILLET (No. 669)

We can not say too much in regard to this Special brand of ours, as it is the finest grade of Fancy Big German Millet that can be grown and will give our customers the best of satisfaction. The crop from which this seed was grown was planted in drills and cultivated the same as Corn, Cotton or any other crop, especially for seed. We had heads of this Millet shipped to us this year by our grower that measured 10 inches long and two to three inches across. Would suggest that our customers order as early as possible, as our supply is limited. We put this fancy brand up in 25 bushel seamless sacks which weigh 155 pounds. As the price of Millet varies considerably, we do not quote prices on large quantities, but if you will submit your probable requirements we will be glad to quote you our best prices. Price, lb, 35c, postpaid. Write for prices in larger quantities.

COMMON (No. 665) or Small—This Millet is preferred by many. Price, lb., 25c, postpaid. Write for prices in larger quantities.

SIBERIAN MILLET

The leaves are very tender and it makes excellent hay. It has been extensively grown in the Dakotas and Kansas, and the South Dakota Experimental Station pronounces it the most promising variety yet tested. We have tried it out in the Panhandle, and for that country, New Mexico and Kansas we know that it is unexcelled. This plant stands to a remarkable degree, as many as thirty to forty stalks can be grown from one seed and it is not subject to rust. It should be sown and cultivated like German Millet, but if you want fine, extra large plants you can get much better results by drilling in the seed and cultivating it once or twice while growing. We believe that if you have never tried this in your section you will be pleased with the results as a forage crop. Price, per lb, 30c, postpaid. Write for prices in larger quantities.
KUDZU
The Forage Crop Question of the South Solved

The greatest need of the South today from an agricultural view is more and better and cheaper feed.

Kudzu, the greatest feed-

BECAUSE it makes the heaviest yields of all the legumes—the feeds worth while.

BECAUSE it contains a maximum of Protein as high as 19.12 per cent.

BECAUSE it holds its foliage the best of any of the legumes and cures the quickest of any known hay.

BECAUSE it does not have to be cut at any period but may await the convenience of the farmer or for favorable weather.

BECAUSE it can be harvested when weather conditions are unfavorable for other hays and will yield a fine quality of hay, often when continued showers and dampness would mean ruin to any other legume hay.

BECAUSE it is a perennial and does not have to be planted and cultivated every year or every few years as is the case with others.

BECAUSE it does not have to be limed or fertilized and will succeed on land too poor and rocky and rough to hold other profitable crops.

BECAUSE it is not injurious to horses or other stock as is the case with Alfalfa and other legumes and stock do not have to be taught or forced to eat it. All stock eat Kudzu greedily and clean up the last vestige.

BECAUSE it does not deplete the soil, but builds it up and will succeed on practically any land not water soaked and not in a desert.

Kudzu is a large leaved, woody, leguminous vine, native to Japan, which grows with remarkable rapidity. It succeeds in every part of the United States where it has been tried and grows in various types of soils.

Under field conditions Kudzu sends out long prostrate branches, which root at many of the joints and send up ascending twining branches to a height of 2 to 4 feet. Eventually these become separate plants as the prostrate stems or plants die between the rooted joints. Such a field when full grown presents much of the appearance of a thick field of Cow Peas or Soy Beans. It can be readily cut with a mower and the hay cures more rapidly than most legumes as the leaves are less juicy. There is practically no shedding of the leaves in curing.

This remarkable vine gives promise of being one of the leading sources of wealth in the Southern States, in the future.

It is really a pea vine that springs up from the roots when the first warm days come in the spring of the year and grows vigorously until a killing frost comes in the fall. This gives a growing season of at least eight months in the year, during which several cuttings of hay can be made.

**EQUAL TO COW PEAS OR ALFALFA**

This hay is of the highest quality, being equal to Cow Peas or Alfalfa. Some instances are known where four cuttings of hay, averaging two and one-half tons per cutting, made a total yield of ten tons per acre in a single season.

Kudzu is of even greater value for grazing than for hay as it requires no cultivation after the first season and will thrive upon land that is too poor and rough for any other crop.

The roots of Kudzu penetrate so deeply as to make it proof against any dry weather that is likely to prevail. This feature and its peculiar habit of neither blooming nor bearing seed under field culture causes the vines to remain green and growing during the entire term from spring to fall. The hay can, accordingly, be cut at any time that it is needed, when weather conditions are suitable for curing the hay, as Kudzu does not become injured by waiting for good weather, as other hay crops do. This feature gives an immense advantage over any other hay crop.

Kudzu is propagated by means of the plants that have rooted from the joints and when transplanted carry with them on their roots the tubercles that are needed to inoculate the soil of the new field so as to provide for the fixing of nitrogen from the air into the soil. In planting Kudzu, first plow the land deeply and harrow it, then check it into rows 8½ feet apart each way, setting a plant at each check. Lay tap roots along the bottom of the furrow with crowns slanting upward to within two inches of the surface, covering them with loose earth to the level of the soil. The required distance between rows is 1018 roots per acre. Give them level cultivation the first season. A row of Cotton may be grown between each row of Kudzu the first season, if desired. After this they will need no further cultivation as the vines will run all over the ground the next season and take root at the joints, growing so rapidly as to choke out all other such pests as Johnson and Nut Grass. Yet it is an easy matter to get rid of Kudzu if desired, for the plants will only sprout from the crowns and can be killed by cutting of these crowns with a disk plow in hot dry weather in summer. Price, 15c each, 10 plants $1.00, 50 plants $3.75, 100 plants $5.00, 1000 plants $35.00, all prepaid. Please write for prices in larger quantities.
FORAGE PLANTS

SAND OR WINTER VETCH (No. 656) When sown in April or May it can be cut in July, the second growth affording excellent pasture during the summer. The yield of good fodder is from twelve to twenty tons an acre. This may seem to be an exaggerated statement, but when the amazing soil-propensities of this plant are taken into consideration, the yield is readily accounted for. As many as twelve long vines spring from each root. When raised for hay it should be left standing until some seeds have become well formed. We especially urge farmers of the Southwest to try Sand or Winter Vetch. Not only does it provide an enormous amount of valuable feed, but at the same time restores to the soil a great amount of fertility which is so much needed. It will not disappoint. Plant at least an acre this season. 1 to 1½ bushels of seed required to the acre. Price, 1 lb. 50c, postpaid. Write for prices in larger quantities.

Giant Beggar Weed

INOCULATE THIS SEED WITH FARMOGERM

This plant will subsist on very thin, sandy land, attaining a marvelous rank growth where few other plants thrive. Should be planted very early in the spring. It may be sown broadcast like millet, or may be planted in drills. It will usually grow 2 to 3 feet high, but if put on good soil will grow much higher. Ten or fifteen lbs. of seeds are usually sown to the acre. It produces excellent hay, but if sown for this it should be grown in a situation where the hay can be handled. Price, per lb. 50c, postpaid. Write for prices in larger quantities.

Australian Salt Bush (No. 455)

THE FORAGE PLANT FOR ARID AND ALKALI SOILS

This highly valuable forage plant comes from the state of California. Animals and fowls thrive well on it. It furnishes large quantities of forage, yielding about 20 lb. of hay per acre. Even were one acre of this weight lost in drying, Plants are strong-growing and free-branching. If set eight feet apart each way, they will soon cover the ground completely. They remain green all winter. The plants need moisture to start them into growth and for this we advise planting very early in the spring. One pound of seed is sufficient to sow one acre. The price of Salt Bush consists in adaptability to arid and alkali soils. 0z. 15c, ¼ lb. 60c, lb. 3.75, postpaid. Write for prices in larger quantities.

Silver Hull (No. 661)

A great improvement over the original sort, yielding nearly double the quantity per acre, blooming longer and maturing sooner. Grains are a beautiful light gray color, have thin husks and less prominent corners than those of the other sort. The flour is of good quality and very nutritious. Price, per lb. 40c, postpaid. Write for prices in larger quantities.

Japanese (No. 662)

Has been raised in this State with good results. It is early and very productive. The rich dark brown kernels are twice the size of those of Silver Hull and yield a superior flour. The plants are of branching character and the stiff straw stands up well. Price, per lb. 40c, postpaid. Write for prices in larger quantities.

Thousand Headed Kale (No. 229)

We are the first Southern seed house to offer and call public attention to this pasture plant. We are led to do this by its growing popularity in the Northwest and England, where, on account of the enormous amount and superior quality of feed it affords, it is rapidly succeeding Swiss chard. It is a valuable plant for meadow land, where it may be raised for hay, and for stock feeding. Thousand-Headed Kale is a variety of cabbage. The plant attains a height of three to four feet. The stem is covered with leaves which form small heads. Animals, especially sheep, eat it greedily. It grows well on most any land and is hardy. The seeds may be either drilled or sown broadcast. The plants are 26 to 30 inches apart if drilled; thin to 15 to 18 inches. Broadcasting requires 1½ lbs. Price, per lb. 85c, postpaid. Write for prices in larger quantities.
FEED ROOT CROPS TO YOUR STOCK

The increase in the profits of the farmer, through the keeping of live stock, has long been recognized. It is absolutely necessary to feed a variety of foods to get best results. The reason is that if one food is lacking certain food elements and feeding the second makes the completion of the first. A due relation must be maintained between the relative bulk and concentration in the foods fed. Feed a dairy cow too large a proportion of grain and her digestive powers will be permanently injured, because they have been overtaxed, and she will soon lose appetite.

Roots are as necessary for feeding farm animals as hay and grain, and they are, in our southwestern country, coming more and more in general use. During our winter months when no green forage is available, Mangel Wurzels, Sugar Beets, and Turnips furnish a refreshing meal to live stock; add greatly to the yield of milk farmers. One acre of Mangels or Sugar Beets will produce from 25 to 40 tons of succulent and fattening feed. Carrots and Turnips will produce 15 to 25 tons.

Root tops are also beneficial to farm animals and should not be allowed to go to waste. The proportion of root tops compared with the root crop is from one-fifth to one-fourth of the total weight, according to variety.

Harvesting and Sorting Roots

Mangels and Sugar Beets are the most tender among the different kinds of roots that should be harvested and stored away before freezing season sets in. Soon after the first killing frost they should be pulled out, topped, and stored away. Carrots and Turnips can stand more freezing, and can be left in the field until the latter part of October or middle of November, according to the weather.

The best and quickest way to harvest roots is to run a deep furrow on one side of the rows, pull out the roots and with a sharp knife cut off the tops, throwing the roots in the furrow and the tops on the ground between the furrows to be turned under by next plowing, if they are to be used as fertilizer. A man can pull and top 500 to 600 bushels in a day.

When roots are carried away they are heaped on a high, well drained field, and dug out 12 inches deep, 6 feet wide and to any length desired, to a height of 4 to 6 feet. The top is brought to a point and a layer of 4 to 6 inches of straw or leaves is put over the whole to prevent roots from being blown away. As winter sets in more soil is added, then when severe frosts are at hand the roots are covered by a layer of straw and 5 to 6 inches of dirt.

Very little dirt is put on at first to give the newly stored roots plenty of air and prevent heating, which is easily started at that time of the year.

Mangels and Sugar Beets

Of all root crops Sugar Beets and Mangels are the most relished by all kinds of farm animals, and they head the list not only on account of their large yields but also for their qualities. They are more juicy, contain more sugar and are the most profitable crop to raise. They also stand more heat and drought than Turnips and Rutabagas.

4 to 8 pounds of Sugar Beets or Mangels are equal in feeding value to one pound of grain barley.

Sugar Beets are better for milk cows and for fattening stock. Mangels are better for young growing animals, as they contain less fat forming elements and more fiber and tissue elements, which are essential in raising strong and healthy animals.

From 20 to 30 pounds of these roots can be fed daily to a mature cow, while a calf will consume from 10 pounds downward according to age. Sheep should be fed 2 to 4 pounds daily.

Mangels are heavier croppers than Sugar Beets, but less rich in sugar; some large varieties of Sugar Beets are almost as productive, but could not be canned for sugar factories as they contain only 10 to 12 per cent of sugar, but the other varieties average 15 to 18 per cent. These large varieties grow partly out of the ground and consequently are much harder to harvest.

Mangels and Sugar Beets will grow on any kind of soil, even on alkali ground, but will fail on wet, marshy land. The best adapted soil is a sandy loam where their long tap roots can reach a depth of 18 or 24 inches.

Varieties of Mangels and Sugar Beets Best Adapted to Our Southwestern Country.

GOLDEN TANKARD (No. 146) Extra large roots, with small tops and small neck. Flesh of rich golden yellow color. By mail, oz. 15c, ¼-lb. 35c, lb. $1.10, postpaid. Write for prices in larger quantities.

GIANT FEEDING SUGAR BEET (No. 147) or Half-Sugar Mangel. Easily grown and harvested, and combines the highly nutritive value of a Sugar Beet with the large size of a Mangel Wurzel. By mail, oz. 15c, ¼-lb. 35c, lib. $1.10, postpaid. Write for prices in larger quantities.

IMPROVED MAMMOTH LONG RED (No. 148) Also called Norbiton element. These roots, as well as the splendid and Carter's Prize. Roots of this variety grow to larger size than those of any other sort. Are well formed, with flesh of blood-red color. Very nutritious. By mail, oz. 15c, ¼-lb. 35c, lb. $1.10, postpaid. Write for prices in larger quantities.

VILMORIN'S IMPROVED (No. 149) Containing, under favorable conditions, as high as 18 per cent sugar. Roots grow below surface of ground, hence small to medium size, yield 10 to 16 tons per acre. By mail, oz. 15c, ¼-lb. 35c, lb. $1.10, postpaid. Write for prices in larger quantities.

KLEIN WAZLEBEN (No. 149A) These Beets are somewhat larger than Vilmorin's Improved, containing about the same amount of sugar, yielding 12 to 18 tons per acre. By mail, oz. 15c, ¼-lb. 35c, lb. $1.10, postpaid. Write for prices in larger quantities.

NOTE.—Stock Beet Seeds are very scarce this season. Our stock is the very best, but limited.
Root Crops For Stock Feeding

Stock Carrots

Carrots, especially the yellow varieties, are very good for stock feeding, as they tend to color the cream and butter. They can be fed up to 30 lbs. a day with good results. For sheep feed 1 to 3 pounds daily. Horses are very fond of carrots, which improve their coats greatly. As a fattening food, carrots are better than Mangel, but their much smaller yield and expense to harvest render them less remunerative.

CULTURE

The soil for Carrots does not need to be as rich as for Beets and Mangel, but should be plowed as deep. They will do best in a sandy loam, though very good crops are harvested on sandy soils. A piece of ground which has grown a crop of corn the previous year will produce a good crop of Carrots without need of more fertilizer if manure has been applied for growing corn. The seed is drilled in from 1 1/2 to 1 inch deep, according to soil and season, in rows 2 feet apart. As soon as plants are large enough, they are thinned out to 6 inches apart in the row; they are sowed any time from the beginning of March till the latter part of June, using 2 to 2 1/2 lbs. seed per acre. If they are raised on land where water is a source or depending entirely on rains, the sooner in the spring they are sowed the better it will be for the crop.

The varieties used mostly for feeding are the White and Yellow Belgium and our Texseed Mastrodon. We quote the following varieties.

PRICES

White Belgium (No. 159), Yellow Belgium (No. 160), Texseed Mastodon (No. 158)—Price, pkt. 5c, oz. 15c, 1/2# 25c, 1# 60c, 1b. $1.10, postpaid. WRITE FOR PRICES ON LARGER QUANTITIES.

Jerusalem Artichokes

(No. 675)

Jerusalem Artichokes are very good for feeding farm animals and should be more extensively grown. They are very hardy and thrive in places where other roots would entirely fail. Almost any kind of waste land will grow Jerusalem Artichokes and the persistency with which they remain in the ground makes them most valuable to grow in such places. They are more watery than potatoes, but are richer in protein; their feeding value has been found fully equal to them. Their ability to resist frost without injury adds much to their economic importance, and makes it possible to harvest them with swine or otherwise even after the winter has gone. They yield from two hundred to six hundred bushels per acre. Plant same as potatoes and as early in the spring as ground is in working condition. The tubers, if large, can be cut, but are generally planted whole. Feed from 10 to 15 pounds daily to a mature animal and 2 to 3 pounds to a sheep. They should be sliced when fed to prevent choking, more especially for sheep. Four to five pounds are equal for feeding purposes to 1 pound of corn. Both tops and roots are used for food. Price, qt. 30c, postpaid; not prepaid, pkt. 85c, bu. $2.50.

Chufas (Earth Almonds)

(No. 679)

Chufas are one of the best fattening feeds we know of, and farmers are making more realising their value. The tops, if properly cured, furnish an excellent hay, which is highly relished by all kinds of stock. They are also greatly liked by wild ducks. Price, 100, lb. 40c, postpaid. WRITE FOR PRICES ON LARGER QUANTITIES.

Chufas

Rutabagas and Turnips

Rutabagas and Turnips are extensively grown for stock feeding, and on account of the comparatively short time required for their growth are very remunerative. Rutabagas are better than Turnips for feeding, owing to the firmness of the bulbs, the better quality of the flesh and the long period during which they can be kept, but need a longer time to reach maturity.

One of the main features of Turnips is that they can be sown as late as the middle of September and still grow large enough for winter use; consequently can be grown on lands which have already raised a crop. Rutabagas and Turnips should be fed to milch cows night and morning just after milking to prevent tainting of the milk and butter. Four pounds of Rutabagas have a feeding value equal to one pound of good hay. Feed from 10 to 20 pounds daily to a milch cow and 2 to 4 pounds per sheepe. For price and full description see Turnip Seed Section, under Garden Seed, in this catalog.
PEANUTS
The Crop of Many Uses

The planting of Peanuts in the South has increased for some years past, but the crop of 1917 has no doubt been the greatest, as farmers sold Spanish Peanuts at exceedingly high prices. Have you ever given the Peanut any real thought? To think that we are today making a cooking oil that cannot be surpassed, Peanut Butter that is most healthful and nutritious, and the hay for feeding purposes is equal to any other hay raised in the South; the nuts, of course, can be used for feeding purposes, containing more protein than any other food raised on the farm. They are now recognized as a profitable crop, being a real money maker; the meal is also used for flour. The farmers are using peanuts today to feed horses, cows, hogs, chickens, etc., through the entire year, as the crop can be stored better than any other crop you can raise.

They thrive in a sandy loamy soil; we suggest the following as being the best method of planting and harvesting this wonderful crop: Prepare the ground well, laying it off with a shovel plow about three and one-half feet apart. Plant either in the hull sixteen to eighteen inches apart or hull them and place two kernels to the hill. Cultivate thoroughly and keep the land as level as possible. When they mature, pull them up, turning the roots up to the sun. In bright weather they will cure in twenty-four hours. After threshing or picking the nuts use the vines for hay. It requires twenty-five to thirty pounds of unshelled nuts to sow an acre.

SPANISH (No. 678) This variety is more extensively grown than the other sorts that are larger in size but much later. The Spanish variety is the earliest of all varieties

Spanish Peanuts of Peanuts. It is also the smallest variety grown. This variety is used in peanut candy and for salted peanuts, and has a commercial value over that for feeding, as they are always in demand and can be readily sold at the peanut factories. This is the best sort for fattening hogs. 1 lb. 30c, postpaid. Write for prices in larger quantities.

VIRGINIA IMPROVED (No. 676) A very profitable sort, planted almost exclusively in the peanut-growing section of Virginia. It is the standard variety for roasting. The plants have erect stems with upright foliage and are easily grown. The nuts are of good size and contain remarkably large kernels. The vines furnish excellent forage. Lb. 40c, postpaid. Write for prices in larger quantities.

TENNESSEE RED (No. 677) The finest variety grown, especially adapted to black, waxy land, as well as sandy soil. The nuts contain three large kernels each, and are enormously productive. Lb. 40c, postpaid. Write for prices in larger quantities.
FIELD PEAS

The South and Southwest is strictly a Cow Pea and Bean country. In other words, all varieties thrive in this section, and we have made a very careful study of the best varieties to plant, in order that our customers will not waste any time in planting worthless sorts.

In appearance the Cow Pea plant resembles the Bean. It is an annual and very sensitive to frost. The plant varies in habit and growth and variety, from an upright bush-like form, to a mass of low-trailing vines many feet long. Many varieties of field peas are excellent for eating purposes, both when green and thoroughly dried.

BROWN CROWDER PEAS (No. 687)  This is a native Texas Pea, exceptionally fine for table use and very prolific. Pkt. 10c, lb. 40c, postpaid. Write for prices in larger quantities.

BRABHAM (No. 689)  This is a new variety of Pea for this part of the country. It is a hybrid of the Iron Pea, and has the earliness of the Whippoorwill. It is a small, hard, speckled pea, about the size of the Iron and New Era. Will make two crops. Agricultural test at Washington, the yield was Brabham 25% more hay than Iron Pea, and 27 bushels seed per acre. Price, lb. 35c, postpaid. Write for prices in larger quantities.

WHIPPOORWILL (No. 680)  Has brown, speckled seed, easily gathered on account of the upright, bushy growth of the plant. A great favorite on account of its early maturity. Lb. 55c, postpaid. Write for prices in larger quantities.

WONDERFUL OR UNKNOWN (No. 681)  In yield and varieties, find a ready sale during the winter. Vines furnish excellent forage. Lb. 35c, postpaid. Write for prices in larger quantities.

LARGE BLACK-EYE (No. 682)  The dry peas, which are produced in large quantities, are upright, bush-like forms, white, while the roots enrich the soil. Lb. 35c, postpaid. Write for prices in larger quantities.

MIXED PEAS (No. 683)  Every year thousands of bushels of peas become mixed in handling, and, on account of this, they sell for a little less, although they are just as good for forage purposes as the straight varieties. Lb. 35c, postpaid. Write for prices in larger quantities.

CLAY PEAS (No. 684)  Furnishes large crop of nutritious forage, while the roots enrich the soil. Lb. 35c, postpaid. Write for prices in larger quantities.

CREAM PEAS (No. 685)  Plants form sturdy bushes which produce the pods in bunches. Peas are of creamy yellow color. Lb. 35c, postpaid. Write for prices in larger quantities.

NEW REVENUE PEAS (No. 689)  Pea is far superior to the Black-Eye, Lady or Rice Pea. Pkt. 10c, lb. 40c, postpaid. Write for prices in larger quantities.

NEW ERA, THE FAMOUS HAY PEA (No. 688)  This New Era Pea is one of the best peas grown. In fact, the United States Department of Agriculture states that it is one of the four best varieties. It is two weeks earlier than the Whippoorwill and about one-third smaller. It is a bush pea and stands erect. It is highly recommended where early maturing Cow Peas are wanted. They are quickest growth of any variety that we have ever tested, and when planted on medium land are ready to cut for hay in about 60 days. This way two full crops of peas can be grown on the same land. They make their leaves well, and the great advantage of this pea is the ease in curing the vines small and easily cured. They make the most trying conditions, very seldom malformed. Price, lb. 35c, postpaid. Write for prices in larger quantities.

A Handful of Clay Peas

CANADA FIELD PEAS (No. 690)  This is a small field pea which is grown in the Northern States, but can be grown with good success here. It is a small, round Pea which is especially desirable for poultry food, especially pigeon food. It grows three to four feet high. Price, lb. 35c, postpaid. Write for prices in larger quantities.

IRON PEAS (No. 691)  Sometimes called Grey Goose Peas. This is a new variety, has given good results. Price, lb. 35c, postpaid. Write for prices in larger quantities.

A Close-up View

GOLDEN VINE CANADIAN PEA (No. 692)  In the Southwest it is one of the best. Price, lb. 35c, postpaid. Write for prices in larger quantities.
FIELD BEANS

The Field Bean, both as a soil builder and a feed producer, is the greatest legume crop that exists, making a larger growth of vine and a heavier yield of seed. Any land that produces good bushels of corn will easily make a ton of beans in the hull, in addition to the corn, without least injuring the yield of corn. They do make the corn some more trouble to gather, but that is the only objection that can be brought against it. But if you will consider the fact that you have doubled the feed value of every acre planted in this crop, it will not be considered a loss.

The crop is made at no additional expense except the seed and as a bushel will plant 3 to 10 acres, that is a small item; the same cultivation makes both crops.

The beans gathered and crushed make one of the finest feeds, all farm stock, but as a growing or fattening feed, or the beans can be left in the field and spread all winter, as they remain in a palatable condition until time to begin spring operations.

As a soil builder, the Florida Experiment Station found a growth of up to 75 bushels of seed beans turned under to be equal in fertilizing value to a ton of lime, besides adding vastly to the supply of humus in the soil.

The method of planting, all through this section, and the best system, is two rows of corn and a row of beans. May is too early, when plant corn earlier than it is safe to plant the beans, you can put in the beans at any time after corn planting, dropping a single Early Speckled Bean every 2 feet and a single Chinese every 4 feet apart in the row.

EARLY SPECKLED VELVET BEANS (No. 695) The Early Speckled Velvet is a sport from the old Speckled variety which originated in Georgia. It closely resembles the Old Speckled excepting a little more than half as much vine with a ripening season only a few days later than YoKohama and a sure-crop anywhere in Georgia, Alabama, Mississippi; finally as heavy a crop as the Old Speckled. Seed very similar, being true of stock. Price, 1b. 35c. postpaid. Write for prices in larger quantities.

YOKOHAMA BEANS (No. 696) The Yokohama is the earliest variety in cultivation, maturing full crop in slightly less than 120 days. Can be grown as far north as Middle Tennessee, or in this section, planted after a small grain crop. It makes the least vine growth of any; about like the O. K. and is a heavy yielder of beans. It is best planted in rows with corn on account of its small vine growth. Prices, 1b. 35c. postpaid. Write for prices in larger quantities.

SATISFIED

Rewarded County, Texas.

Gentlemen: I received the Seed Corn all O. K. and I am well pleased with it. It was the best White Gourd Seed Corn I have seen for some time. I also received the melon seed and thanking you all very much for it, I am

Yours respectfully, A. A. KROEL.

MEXICAN PINTO BEAN (No. 697) This is also known as The Dry Weather Bean and is raised very extensively in Mexico, also in the Southwestern States. It is similar in its requirements to the Mexican Frijole and California Pink, only it is spotted and lighter in color and will be considered a great fall or fall-planted variety. It will germinate quickly and make a fine yield where other varieties fail. We suggest that you give this trial as we know that you will be pleased with your results. Price, lb. 35c, postpaid. Write for prices in larger quantities.

THE TEPARY BEAN (No. 698) Extracts from Arizona Agricultural Station Bulletin No. 92. The development of arid and dry-farming districts in Arizona, together with the increased use of pumped water for irrigation, have created a need for a leguminous crop which, used in rotation with grain or forage planting, will maintain the nitrogen and humus content of the soil and at the same time provide a money return which is sure and profitable. The experience of practical farmers throughout Arizona and New Mexico has for years demonstrated the fact that no crop so well fills this demand as the growing of dry shell beans.

Yields and Culture.—The superiority of the tepary over other beans for planting in the Southwest is exhibited in its greater productivity when grown under similar conditions, by a statement is tidings of irrigated sections, but even more marked in regions devoted to dry farming. In nine experiments in Arizona, covering almost every segment of soil, culture and extending over three years, the average yield of the teparies has been slightly more than four times the average for varieties of the kidney bean.

These greater yields are due to the ability of the tepary to germinate quickly in the presence of a low moisture content of the soil and hence the better stands of this crop on dry lands and protracted seasons of drouth without permanent injury, returning to full vigor immediately when the rains come. Beans do not possess this ability to a marked degree. The tepary is also infested to the greatest extremes of our summer temperatures and will bloom and set seed during any month of the year. May is the best time, when the blooming period of beans happens to fall within a season of extreme heat, the buds will for the most part drop without setting pods. For these reasons the tepary is a more sure and dependable crop, often giving fair return when beans are a total failure. With an ample supply of water, good soil and other conditions favorable, teparies should yield from 700 to 1,200 pounds per acre. However, 1,500 pounds per acre have been reported from the Colorado Valley mesa in Arizona. Under dry-farming conditions, yields of 450 to 700 pounds per acre have been reported and would with economic farm management be profitable, since at 3½ cents a pound this would bring a gross income of $15.75 to $24.50 per acre.

Plant 12 pounds to the acre. Can be planted any time after danger of frost until August 20. Price, per pound, 45c. postpaid. Write for prices in larger quantities.

SOY OR SOJA BEAN (No. 699) The Soy Beans have demonstrated a great farm value in the past few years, and could be profitably grown by nearly every farmer. Being a quick maturing annual, it will prove especially helpful for those who cannot grow clover. A crop of Soy Beans can be produced between spring and autumn from any part of the states. It grows on land that will make 49 bushels of corn per acre and will if plowed under, put $18.00 worth of fertilizer in the ground next year. One ton of soy beans will make 1½ tons of timothy or clover will make three tons of Soy Bean hay, worth more per ton than timothy.

Culture.—Prepare as for corn. Nutritious manures are beneficial. This crop may be sown in the fall or winter, also in rows 16 to 24 inches apart, or with corn drill, to be cultivated as corn, one-half bushel per acre. Soy Beans may be sown early in any soil or in the standing corn at time of the last cultivation, if weather is seasonable. If sown in corn, put in two rows of Soy Beans, putting in the last two rows without any pecks to the acre in rows, like corn, and cultivate it, if seed is desired. For pasturing, selling or hay, sow four or five pecks to the acre for seed cut off or put up the plant when the first pods begin to open and thresh them as soon as dry. In threshing remove concaves and slowly shake the seed will cylinder out, 100c, 1b. 35c. postpaid. Write for prices in larger quantities.

Plant Mexican Pinto Beans—Better Than the Old Mexican Frijole
GRAIN CROPS

SPRING BARLEY

SUCCESS BEARLESS (No. 716) The earliest Barley in cultivation. Grows about as high as common Barley, but has stiff straw, which enables it to stand up well on any soil. It yields immensely. On good soil it has produced 80 bushels per acre. It is of case quality for whisky malting and feeding hogs. Although Barley has proven a most profitable crop, farmers have been reluctant to grow it on account of the long, harsh beard, which proves very annoying in threshing. This disadvantage is entirely eliminated in this variety, as it is absolutely beardless and is as easily handled as oats. Lb. 20c, 3 lbs. 50c, postpaid. Write for prices in larger quantities.

BEARDED WINTER (No. 717) Makes excellent winter grazing and yields from fifty to seventy-five bushels per acre. We sell immense quantities of this sort every fall. Write for prices.

MACARONI OR NICARAGUA SPRING WHEAT NO. 709

This variety is becoming very popular for late planting. It can be planted as late as the 20th of February and make a good crop of wheat. The average yield is from 15 to 25 bushels per acre. This variety seems particularly adapted to the Southwest, where it stands dry weather better than any other wheat and furnishes splendid winter grazing when planted in the fall. It is almost a sure cropper, and as the flour which is ground from the grain makes good bread, it is an exceedingly hard variety of wheat. Mediterranean Blue Stem Bearded (No. 713). We have secured some very fine seed of this celebrated variety of Wheat, which is so popular in Texas. Write for prices and samples in large quantities. All grain prices subject to market changes.

BLACK WINTER EMMER, NO. 712

Winter Emmer is a comparatively new and unknown crop in the Southwest, but from our experience and observation we are convinced that it is entitled to a place among the staple crops, and should be grown on every farm.

Black Winter Emmer is the heaviest yielder of all grains, and the most drought-resistant and rich in proteid. You will not make any mistake by planting Winter Emmer, either in the spring or fall, but if planted in the fall makes an excellent winter pasture.

TEXSEED BRAND IMPROVED RED RUST-PROOF OATS (No. 706) A thoroughbred Texas Winter Oats. Obtained by selections from a good stock of Red Rust-Proof Oats and bred from the most vigorous and largest plants which have proved their ability to withstand very severe weather. It has given immense satisfaction wherever grown, and has stood zero weather without injury. These oats afford excellent winter grazing for stock and make heavy and abundant crops of finest grain in the spring. The seed is large, plump and heavy, often weighing forty pounds per measured bushel. Average yields of 85 bushels per acre are quite frequent and on good soil, under favorable conditions, 100 bushels per acre have been obtained. This Oats is adapted to a great variety of soils and has never failed to yield paying crops in our state. It is several days earlier than any other variety we know of and has always commanded highest market prices. We offer choice, reeined seed, put up in strong new bags. Price, pk. 60c, bt. $1.50. Write for prices in larger quantities.

SPELTZ (No. 718)

THE VALUABLE NEW GRAIN FROM RUSSIA.

This grain grows tall like rye and matures early like barley, and each year, when tested by the side of each has yielded twice as much per acre as oats and three bushels to one of barley, and it is much better feed for stock than either. It yields 40 to 80 bushels to the acre and from 4 to 6 tons of straw hay. Tough and hardy, stands drought better than any other grain, making it a sure crop. It is a grain to sow for profit. Your chickens, geese, horses, colts, cows and calves, sheep, lambs and swine all will eat it eagerly and flourish. The culture of Speltz is simplicity itself. Prepare your land as you would for wheat or oats and sow at the rate of 75 to 100 pounds per acre. Sow very early in the spring, and do not let it stand until it gets too ripe before cutting, as any grain that yields well shells easily. In the green state it makes an excellent pasture. Has given good results in both Texas and Oklahoma. Lb. 30c, postpaid. Write for prices in larger quantities.

RYE (No. 719)

May be sown in either fall or spring. Makes fine pasture. Sow 1 1/2 to 1 1/2 bushels per acre. Write for prices.

CASTOR BEANS (No. 720)

Lb. 25c, postpaid. Write for prices in larger quantities.

FLAX (No. 715)

When grown for seed, sow one bushel per acre; if fiber is wanted, sow at the rate of two or three bushels per acre. The soil should be well cultivated. Lb. 20c, postpaid; not prepaid, lb. 10c, pk. $1.00, bt. $3.75.
Better Your Crops—Improve Your Soil

If you have a worn-out field, put it to good use by planting it to clover, cow peas, soy beans, inoculated with Farmogerm. You will secure a crop of fodder this year and start the field back to fertility ready for a good yield of corn, potatoes or other crop next year.

Plant a Farmogermed legume crop with your corn, cotton, cane, and the increased yield will pay for the Farmogerm many times over. Commence this year to build up your farm and your crops. You can do it with Farmogerm at less cost and more permanent results than any other method. Ask for the facts.

Be sure to state the crop to be treated. Each crop requires its own bacteria. Ask us for a copy of THE LEGUME GROWER, a handsome Magazine.

Better Crops—Improved Soil—Reduced Expense

Plant Legumes—Peas, Beans, Clover, Alfalfa, Vetch, Cow Peas, Soy Beans—but to insure results be sure to treat the seeds with Farmogerm, high-bred Nitro-gathering Bacteria—the standard inoculation.

**PRICES**—5-acre size bottle, $7.50; 1-acre size bottle, $2.00; Garden size bottle (1/4 acre), 50c.

Farmogerm is the only culture of legume bacteria now on the market which can be guaranteed pure, and to retain its vitality for longer than six months. Farmogerm remains active for three to five years.

All legume crops must have bacteria in order to secure the utmost results. In many instances the bacteria are present in the soil, but even at the best, they are weak and inefficient. Don’t take chances—use pure cultures and be sure—use Farmogerm, a specific culture for each legume crop.

ALLCROP FARMOGERM (No. 694) will aid in

First—Increasing the yield of any crop and enriching the soil.
Second—Enriching the soil and crop in nitrogen.
Third—Improving the quality of the crop.
Fourth—Assisting in the decomposition of the soil particles thus freeing the natural plant food of the soil.
Fifth—Hastening the decay of organic matter in the soil, and making plant food more quickly available.
Sixth—Saving money on all fertilizer bills. Can be used on all seeds.

**PRICE**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>One-acre can</td>
<td>$2.00</td>
</tr>
<tr>
<td>Five-acre can</td>
<td>7.50</td>
</tr>
</tbody>
</table>

Cahoon’s Patent

Sows from four to eight acres per hour at an ordinary walking gait, throwing wheat about 40 feet wide. A saving of four-fifths of the labor and one third of the seed is effected by the use of this machine, and a person entirely unused to sowing by hand can use it with perfect success. Full directions for use with every machine. $4.50.

The Improved Star Pea Huller

Those who own the 12,000 Star Hullers that are now in use know what Pea Huller satisfaction is and the dealers who sold them have 12,000 Pea Huller friends. There are reasons for this, and here are some of them: The Improved Star Huller has Indestructible Iron Cylinder and Concaves which cannot break or decay. Our patent Automatic Conveyor carries out the hulls while the fan cleans the peas. The 52-pound Fly Wheel lightens and equalizes the draft. There are no set screws to cut the shifting and come loose. The blast from the fan can be regulated for grading oats and cleansing wheat and corn. The peas are carried through three processes while in the Huller and are delivered ready for the sack. Nothing but the best materials and workmanship enter into the Star Hullers.

**STAR PEA HULLERS ARE MADE IN THREE SIZES:**

<table>
<thead>
<tr>
<th>No. 4, Hand Power</th>
<th>Capacity 10 to 17 bushels per hour</th>
<th>Wt. 300 lbs.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 4, Belt Power</td>
<td>Capacity 15 to 20 bushels per hour</td>
<td>Wt. 325 lbs.</td>
<td>42.50</td>
</tr>
</tbody>
</table>
The Texas Seed & Floral Company, Dallas, Texas

FLOWER SEEDS

Eschscholtzia. For description see page 75.

Nothing else will afford so wholesome a pleasure, so delightful an employment as growing a flower garden. All of us have a natural desire to dig the earth, and plant and grow things, and we feel a real pleasure in knowing that plants that will beautify and brighten their surroundings sprout up from the seeds we sow. Flowers lend a charm to the humblest cottage or largest estate. Anyone can have them and everyone should. The following pages may help you to plan your flower garden. All the flowers offered in them do well in the South, but we especially recommend the planting of Snapdragons, Nasturtiums, Petunias, Phlox, Verbenas, Vincas, and Zinnias. They are all beautiful, and they stand extremes of heat and drought better than most others. Our seeds have been grown for us by the very best growers in the business, and we offer them with the confidence that you will be more than satisfied with the flowers they will grow for you.

DON'T READ THIS If you know all about growing flowers from seed, but if you don't, and success, you should read and heed the following advice written for us by an old and successful gardener.

"Three-tenths of the failures in raising flowers are caused by improper treatment of the seeds and young plants. The finer seeds should be started in shallow, well-drained boxes in the house and the young seedlings should be transplanted a few times until they are large enough to be set out in the open ground. Do not plant any seed as long as the ground is wet. A mellow loam, enriched with compost of rotted manure and leaf mold, is best adapted to most flowers. Bake the surface as smooth and fine as possible, elevating the surface of the beds and borders slightly in the middle so that surplus water may run off. Cover the different seeds in proportion to their size, giving very thin covering to small seeds and planting large seeds deeper. After planting, press the earth down firmly over the seed, else there is danger of them drying out. After the seedlings are up they must have plenty of moisture, but not too much, or they will "damp off." During dry weather, or after transplanting they must be watered frequently." All the Flowers on the Following Pages Are Annuals Unless Otherwise Noted.

The Fashion in Flowers

The wonderful beauty of the new types of Antirrhinum, or Snapdragons, have made them the most popular flowers in the land. Their glorious coloring, splendid size, exquisite fragrance, and diversity of color earn for them a place apart. There are two distinct types of these new Snapdragons, the Tall Giant-Flowering, which produce long, graceful spikes filled with immense flowers, and the Half-Dwarf Giant-Flowering, which has flowers equally large, but is more compact in growth. The colors are similar in both types, ranging from the richest and deepest crimsons and scarlets, through all shades of orange, and rose and red to the finest pink and purest white. The flowers are of excellent substance and keep fresh a long time after cutting.

Snapdragons are perennials, but bloom the first year from seed when planted early. It is best to plant them in the ground in the house, during the last frost of spring, transplant when they are as soon as warm weather arrives. A very effective bed is made by planting the center with tall and the outside rows with the dwarfer kinds. They are good drought resisters and usually bloom right on till frost, but if it gets too dry, and the tops start to dying, cut them back close to the ground and they will come out in September and bloom profusely right on till frost.

Tall Giant-Flowering Snapdragons

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCARLET KING (No. 730), brilliant scarlet.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>DELILAH (No. 731), snowy white, flushed pink.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>SILVER PINK (No. 732), a beautiful shell pink, semi-soft with a silver sheen.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>NELROSE (No. 734), coral pink.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>GOLDEN FAIRY (No. 735), an exquisite golden yellow.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>GALATEE (No. 736), white throat, scarlet lips.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>FAIRY QUEEN (No. 732), pink and white, beautiful.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>MIXED (No. 739), blended mixture of all colors.</td>
<td>0.50</td>
<td></td>
</tr>
</tbody>
</table>

Collection of Tall Giant-Flowering Snapdragons

One packet each of the above named varieties, eight packets in all, for 60 cents, postpaid. (Collection B.)

Half-Dwarf Giant-Flowering Snapdragons

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAYBREAK (No. 730), orange, scarlet and white, beautiful.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>THE BRIDE (No. 740), pure white.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>COTTAGE MAID (No. 743), pink and white, very dainty.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>DAPHNE (No. 743), orange lips, white throat.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>DUSK (No. 744), bright scarlet.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>GOLDEN QUEEN (No. 745), purest yellow.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>PICTURATUM (No. 746), striped and blotched.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>QUEEN OF THE NORTH (No. 747), snowy white.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>ROYAL Purple (No. 748), rose pink.</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>MIXED (No. 749), all types of Half-Dwarf Large Flowering.</td>
<td>0.25</td>
<td></td>
</tr>
<tr>
<td>TOM THUMB MIXED (No. 750), an extra dwarf strain.</td>
<td>10c</td>
<td></td>
</tr>
</tbody>
</table>

Collection of Half-Dwarf Large-Flowering Snapdragons

One packet each of the named varieties above, 10 packets in all, for 75 cents. (Collection C.)

Collections B and C will be mailed to any address for only 1.25.

Queen of the North
AGERATUM (Floss Flower)

A plant of the greatest beauty and value for garden or window; valuable for bedding. Easily grown and blooms all summer. Half-hardy annual.  
**MEXICANUM (No. 754)** Lavender-blue. 2 ft. Pkt. 5c.  
**TOM THUMB BLUE (No. 755)** Grows about 6 inches high. Pkt. 5c.

Alyssum

A free flowering annual of great utility and beauty; easily grown and everywhere popular. It thrives in almost every soil and situation.  
**SWEET (No. 756)** Fragrant white flowers. Pkt. 5c, oz. 25c.  
**LITTLE GEM (No. 757)** The plants grow from 3 to 4 inches high, and are covered with handsome spikes of fragrant white flowers from spring until fall. Fine for borders and design bedding. Pkt. 10c.

Amaranthus

A very handsome flower, with vividly colored foliage and flowers. It grows well in ordinary garden soil, and is quick-growing.  
**CAUDATUS (No. 758)** (Love-Lies-Bleeding) Blood-red, drooping. 3 ft. Pkt. 5c.  
**TRICOLOR (No. 759)** (Joseph’s Coat) Leaves red, yellow and green. 3 ft. Pkt. 5c.  
**PRINCE’S FEATHER (No. 760)** Dark, red, feathery flowers. Pkt. 5c.

Arctotis Grandis  
**(Blue Eyed African Daisy) (No. 764)**  
This is a quick-growing annual, attaining a height of 2 ½ feet, of bush-like form, from 2 to 3 feet in diameter. The large flowers, measuring 3 inches across, are borne in great profusion. The color of the top surface of the petals is pure white, while the under surface is a pale bluish. The foliage is deeply cut, and the whole appearance under a bright sunlight is exceptionally striking. Pkt. 5c.

Aquilegia (Columbine)

The plants grow from 2 to 4 feet high, have attractively colored foliage and curiously formed flower racemes. Half-hardy annual.  
**CAUSATUS (No. 758)** (Love-Lies-Bleeding) Blood-red, drooping. 3 ft. Pkt. 5c.  
**TRICOLOR (No. 759)** (Joseph’s Coat) Leaves red, yellow and green. 3 ft. Pkt. 5c.  
**PRINCE’S FEATHER (No. 760)** Dark, red, feathery flowers. Pkt. 5c.

Asters

These grow best in rich soil, although they will give satisfactory results in any ordinary garden soil. Plant in a shady situation.  
**SEMPLE'S BRANCHING (No. 766)** Finest mixed. A magnificent American strain, with handsome double flowers on long stems. Pkt. 10c.

Balsam


**Balsam (Lady Slipper)**

A very old favorite garden flower, producing its gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion. Balsams like the hot sun, rich soil and plenty of water.

**Superb Camellia-Flowered**

(No. 776) White Pkt. 10c  (No. 773) Scarlet Pkt. 10c  
(No. 774) Purple Pkt. 10c  (No. 777) Mixed Pkt. 5c and 10c

Calendula

Showy, free flowering annuals of the Marigold family. Succeeds well in any good garden soil, producing a fine effect in the beds or mixed borders, and bloom until frost.  
**METEOR (No. 779)** Large double flowers, yellow. Pkt. 5c.  
**ORANGE KING (No. 7851)** Intense golden orange. Pkt. 5c  
**LEMON KING (No. 7852)** Lemon yellow. Pkt. 5c

Calliopsis

Half-hardy annuals of quick growth and bearing a profusion of bright-colored flowers.  
**CORONATA (No. 781)** Brightest yellow flowers, of large size, deepening to rich orange and punctuated with maroon. Pkt. 5c.

Canna, Dwarf French

Highly ornamental plants, with broad, massive foliage and tall flower stalks, carrying racemes of crimson, orange and scarlet blossoms. Soak the seed before planting.  
**CROZY'S LARGE-FLOWERING, Finest Mixed (No. 797)** All newest and most beautiful varieties. Pkt. 5c, oz. 25c.
Candytuft

Popular favorites, flowering profusely the whole summer. Valuable for bedding, edgings and borders, being fairly covered with varicolored blooms. Hardy annual. 1 foot.

GIANT EMPRESS (No. 792) Bears large pure white trusses in pyramidal-shaped spikes. Fine for cutting and bedding. Pkt. 5c.

GIANT HYACINTH-FLOWERED (No. 793) Immense white spikes; largely grown for cut-flowers. Pkt. 5c.

FINE MIXED (No. 784) Pkt. 5c, oz. 15c.

DWARF MIXED (No. 795) Many shades. Pkt. 5c.

Campanula

CANTERBURY BELLS (No. 985) Easily grown, very ornamental garden plants, with large, bell-shaped flowers of attractive colors; 2½ feet. Single mixed. Perennial. Pkt. 5c.

Carnation

Highly esteemed favorite. Flowers of delicious fragrance and rich colors. They are equally well adapted to garden culture or to growing in pots in the house.

CHABAUD'S FINEST FRENCH (No. 788) These remarkable creations of a French carnationist surpass all others in richness and variety of color. Will bloom in 5 months from sowing. Pkt. 25c.

MARGUERITE (781) The flowers of this strain sometimes measure 3 inches across and are double as double can be. The colors are extremely varied and beautiful. Pkt. 25c, oz. $3.50.

FINES GERMAN MIXED (No. 789) Saved from extra fine double named flowers. Pkt. 25c, oz. $3.50.

EARLY FLOWERING DOUBLE VIENNA (No. 790) Very free flowering. 2Pkt. 10c, oz. $1.75.

Celosia, or Cockscomb

Free flowering, graceful plants. Some produce long flower-racemes and grow from 2 to 4 feet tall, while others remain quite dwarf, and produce massive, heavy flower-heads of the shape of a cockscomb. In every case the flowers are of brilliant shining hues. The dwarf types make excellent pot-plants, while the tall sorts furnish fine material for bouquets. Half-hardy annual.

GLASGOW PRIZE (No. 791) Immense, showy, dark crimson combs. 1 foot. Pkt. 10c, ½-oz. 50c.

Annual Chrysanthemums

Very showy garden favorite, highly effective as summer-flowering border-plants, and also grown for cut-flowers. Quite different from the autumn-flowering chrysanthemums.

SINGLE AND DOUBLE SORTS (No. 798) Finest mixture, including many varieties. Pkt. 5c.

Centaurea—“Cornflower”

The Blue Bottle, or Bachelor's Button, is one of the most attractive of all hardy annuals, due to the graceful beauty of its old-fashioned flowers.

(No. 8041) Double White ........................................... Pkt. 5c
(No. 805) Double blue ........................................... Pkt. 5c
(No. 8051) Emperor, semi-double, of a rich, deep blue, very beautiful ........................................... Pkt. 10c
(No. 8052) Mixed ........................................... Pkt. 5c
CENTAUREA IMPERIALIS

This class is splendid for cut flower purposes. The beautiful sweet-scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes. We offer the following colors:

(No. 8071) Blue Pkt. 5c
(No. 8072) White Pkt. 5c
(No. 8073) Mixture of the above and many other colors 5c

GYMNOCARPA (No. 808) (Dusty Miller) One foot. Foliage, finely cut, of silvery gray color, used for bedding. Pkt. 10c.

Coles

They are grown for their highly colored and attractively shaped foliage.

LARGE-LEAVED (No. 790) The leaves are often 10 inches long and 6 inches wide. Heart-shaped and handsomely crimped, toothed and frilled. Pkt. 15c.

Cosmos

GIGANTIC-FLOWERING “LADY LENOX” This is the latest development in this popular autumn flower, bearing gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems. The plant is of strong, vigorous growth, 6 to 7 feet high.

(No. 8011) Lady Lenox, Pink Pkt. 10c
(No. 8012) Lady Lenox, White Pkt. 10c
(No. 801) Lady Lenox, Mixed Pkt. 5c

EXTRA EARLY COSMOS Seeds sown in the open ground April 27th produced plants that were covered with bloom July 26th, two months before the late-flowering kinds. While the flowers are not so large as the late sort, they are of good size.

(No. 8022) Crimson Pkt. 10c
(No. 8024) White Pkt. 10c
(No. 8023) Pink Pkt. 10c
(No. 802) Mixed Pkt. 5c

DIMORPHOTHECA (No. 8121)

Splendid New Hybrids

The hardy plants, of pest branching habit, grow only twelve to fifteen inches high and are exceedingly profuse in flowering. Its blossoms measure two and one-half to two and three-quarters inches in diameter. Its strikingly brilliant coloring is rendered even more conspicuous by the dark colored disk surrounded by different colored zones. This splendid annual is well adapted for borders. Pkt. 5c.

SHASTA DAISIES

SHASTA, BURBANK’S (No. 823) One of Luther Burbank’s hybrids, a perfectly hardy perennial, bearing flowers averaging 4 inches in diameter, on long stiff stems. It blooms freely for several months and the flowers remain fresh for two weeks or more after cutting. The petals or rays are pure glistening white. The Shasta Daisy is one of the most useful flowers for bouquets. Pkt. 15c, oz. $2.00.

ALASKA (No. 8232) A strong, but compact-growing variety; flowers pure, glistening white, four to five inches in diameter; very free-flowering. Pkt. 10c.

SHASTA DAISY (No. 8231) Common. Pkt. 10c.

English Daises (Bellis Perennis) Perennial.

SNOWBALL (No. 8233) Large pure white flowers, with flat petals. Pkt. 10c.

DOUBLE DAISY

(No. 8234) Dwarf, hardy, blooming freely. Pkt. 5c.

Datura

CORNUCOPIACAE,

(No. 812)

(Horn of Plenty.) These plants are of robust habit and grow to a good-sized shrub in a single season. They consist of three cones or funnels, one within the other. Inside a delicate creamy white color, outside marbled with dark purple. Pkt. 5c.

Dahlia

If sown early, they will produce flowers the first season. Dig up the bulbs in the fall, and winter them in a dry place where it does not freeze.

(No. 8112) CACTUS VARIETIES, CHOICEST MIXED. Most popular at the present time; distinct and elegant; petals pointed; blooms perfectly double. Pkt. 10c.

(No. 8113) COLLARETTE, MIXED COLORS. Flowers of various colors, adorned with a collar of small petals around the center, novel and beautiful. Pkt. 10c.

LARGE-FLOWERING DOUBLE MIXED (No. 810) Pkt. 10c, oz. $1.25.

SINGLE FINEST MIXED (No. 811) Very showy and fine for cut-flowers. Pkt. 10c, oz. $1.00.
Dianthus or Pinks

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when danger from frost is past, and in a few weeks' time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high and can be used in beds or borders of solid or mixed colors. The double-flowering sorts are almost as fine as Carnations for cutting. They are not particularly as to soil, but should have a sunny location.

Double Pinks

MOURNING CLOAK (No. 819). (White Frill.) Rich, blackish, velvety crimson, margined with pure white. Pkt. 10¢, oz. $1.00.
SNOWBALL (No. 818). Large double white, splendid for cutting or as a border. Pkt. 10¢, oz. $1.00.

Single Pinks

The flowers are single, with extra large, deeply fringed petals, measuring two and one-half to three inches across. In coloring, the flowers range from pure white to richest crimson.

VESUVIUS (No. 813). Brilliant geranium-red, makes a very effective bed or border. Pkt. 10¢, oz. 15¢.
NOBILIS (No. 815). (Royal Pinks). Selected and improved varieties of the popular single flowering Japan Pink. The colors vary from white to dark red. Pkt. 5¢.

CHINENSIS, SINGLE MIXED (No. 8142). Pkt. 5¢.

Eschsoltzia (California Poppy)

Very attractive annuals for beds, edgings, or masses; profuse-flowering, finecut, glaucous foliage; in bloom from May to frost; the Golden sorts and the blue Larkspur or Cornflower form a beautiful combination; 1 ft.

GOLDEN WEST (No. 826). Bright yellow, with large rayed blotch of deep orange at base of petals. Pkt. 5¢, oz. 30¢.

Feverfew

DOUBLE WHITE (No. 823). Bushy annual, bearing double, white, button-like flowers in profusion. Excellent for cutting and for bouquets. Pkt. 5¢.

Four O'clock

(Marvel of Peru)

CHOICE MIXED (No. 841). Old-fashioned plants of easiest culture, producing clusters of flowers all summer, very showy. Pkt. 5¢.

Four O'clocks

Chater's Doubles

Pink (No. 8377) .................. Pkt. 10¢
Red (No. 8372) .................. Pkt. 10¢
Deep Rose (No. 8375) .......... Pkt. 10¢
Yellow (No. 8376) ............. Pkt. 10¢
Mixed (No. 8382) .......... Pkt. 10¢

Hollyhocks, Chater's Double

MAMMOTH ALLEGHENY (No. 8381). Finest mixed. Pkt. 10¢

Everblooming annual Hollyhock (No. 8389). Plants from March sown seed will bloom in July when about 4 feet high, but improve greatly the second year. Pkt. 10¢.
Foxglove  
*Digitalis*  
**GLOXINIAEFLORA** (No. 8360)  
Handsome spotted, gloxinia-like flowers, borne on long spikes. An extra fine strain. All colors mixed.  
*Pkt. 10c.*  

Gypsophila  
**PANICULATA** (No. 3361)  
A hardy perennial, blooming during the summer. Fine for mixing bouquets with flowers of various colors.  
*Pkt. 5c.*

Geranium  
**ZONELE MIXED** (No. 837)  
If sown early in the season, these well-known plants will bloom the first year. Fine for bedding.  
*Pkt. of seed 10c.*  

Heliotrope  
**FINEST MIXED** (No. 832)  
These delightfully fragrant flowers are easily grown from seeds. They bloom throughout the summer and are very desirable for bouquets.  
*Pkt. 10c.*

Lantana  
Well known shrubby plants with clusters of Verbena-like flowers, and producing their pink, yellow, orange and white heads in great abundance. They have an agreeable aromatic perfume.  
**FINEST MIXED** (No. 840)  
*Pkt. 5c.*

Marigold  
**LARKSPUR**  
*PRINCE OF ORANGE* (No. 8432)  
This very distinct variety has large double golden yellow flowers, the petals striped or shaded dark orange; produced in great abundance. Height of plant about one and one-half feet.  
*Pkt. 5c.*  
**DWARF GOLD STRIPED** (No. 8433)  
Double, brownish red striped golden yellow; 1 foot.  
*Pkt. 10c.*  
**LEMON QUEEN** (No. 848)  
Flowers 2 to 3 inches in diameter. Double, lemon colored.  
*Pkt. 5 cents.*  
**AFRICAN DOUBLE MIXED** (No. 847)  
Grow 2 and 3 feet high. The flowers are very double, measuring about 3 inches in diameter. The colors are orange, brown, yellow.  
**FRENCH DOUBLE MIXED** (No. 849)  
All colors.  
*Pkt. 5c.*

Mignonette  
Valuable for cutting on account of its fragrance; sow in succession during the whole summer.  
**SWEET-SCENTED** (No. 845)  
(Rosedae Odorata.)  
Well-known fragrant favorite, which may be grown in beds, or in pots during the winter. It produces numerous small flower-stalks. Grows 1 foot high.  
*Pkt. 5c.*  
**GOLIATH** (No. 8452)  
A new giant flowering variety, with enormous trusses of double red flowers; the plant has a sturdy branching habit.  
*Pkt. 10c.*  
**GOLDEN MACHET** (No. 8450)  
A compact-growing variety, with medium long, thick spikes of yellow flowers.  
*Pkt. 5c.*  
**WHITE MACHET** (No. 8451)  
A compact growing variety, with thick spikes and large size flowerets.  
*Pkt. 5c.*  
**MIXTURE OF MANY SORTS** (No. 849)  
*Pkt. 5c.*

Nicotiana  
**SANDBERAE** (No. 873)  
(Carmine-flowered Tobacco Plant)  
The plants grow about 3 feet high, are bushy and very much branched. The faintly scented flowers are tubular-shaped and of brilliant Carmine-red color. As easily grown as petunias.  
*Pkt. 10c.*

Nasturtium  
Few flowers impart such rich beauty to the garden as Nasturtiums. The colors of these lovely flowers are bright and varied and contrast well with their dark green foliage. Their duration of bloom is marvelous, and their culture the simplest. They give a profusion of bloom in poor soil and stand hot and dry weather better than most any flower we know of. The dwarf sorts are splendid bedders, making a plant about 10 inches high and a foot across. The tall sorts are good climbers, being excellent for covering unsightly places, and trailing over bare rocky spots, or climbing fences or trellises. The seed pods have a pungent flavor and are much used for pickling and seasoning.  
We are offering the best and newest varieties, and hope every one will try a few of them. You will find our prices on them very low.  
**Dwarf Nasturtiums**  
*Packet Oz.*  
<table>
<thead>
<tr>
<th>Variety</th>
<th>Packet Oz.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(No. 8510)</td>
<td>EMPRESS OF INDIA</td>
<td>.05</td>
</tr>
<tr>
<td>(No. 8511)</td>
<td>CRYSTAL PALACE</td>
<td>.05</td>
</tr>
<tr>
<td>(No. 8512)</td>
<td>CLOTH OF GOLD</td>
<td>.05</td>
</tr>
<tr>
<td>(No. 8514)</td>
<td>TALL BRANCHING FLESH</td>
<td>.05</td>
</tr>
<tr>
<td>(No. 8515)</td>
<td>TALL BRANCHING</td>
<td>.05</td>
</tr>
<tr>
<td>(No. 8517)</td>
<td>PERENNIAL LARKSPUR</td>
<td>.05</td>
</tr>
<tr>
<td>(No. 8518)</td>
<td>EVERBLOOMING HARDY</td>
<td>.05</td>
</tr>
</tbody>
</table>

Dwarf Striped Gold Marigold  
**Belladonna** (No. 8416)  
Everblooming, hardy flowers in profusion  
*Pkt. 10c.*
Tall Nasturtiums

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TALL PRINCE HENRY</td>
<td>$0.20</td>
</tr>
<tr>
<td>TALL CHAMELEON</td>
<td>$0.20</td>
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<tr>
<td>TALL SCARLET</td>
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<tr>
<td>TALL FORDHOOK FASHION</td>
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<tr>
<td>TALL SCHULZI</td>
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<td>TALL SPOTTED</td>
<td>$0.20</td>
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<tr>
<td>TALL KING THEODORE</td>
<td>$0.20</td>
</tr>
<tr>
<td>TALL BLACK PRINCE</td>
<td>$0.20</td>
</tr>
<tr>
<td>TALL LEMON YELLOW</td>
<td>$0.20</td>
</tr>
<tr>
<td>TALL CRIMSON</td>
<td>$0.20</td>
</tr>
<tr>
<td>TALL MIXED, ALL BRIGHT COLORS</td>
<td>$0.20</td>
</tr>
</tbody>
</table>

Ivy-Leaved Nasturtiums

In this type the rich, verdant green foliage is similar in shape to the well-known English Ivy, and forms a beautiful background to the flowers, many of which are fringed or lobed, while the colors are a variegated as in the ordinary sorts.

DWARF IVY-LEAVED (No. 861). Makes pretty, compact plants, excellent for beds, borders, boxes, etc. Pkt. 10c, 1/4-oz. 50c.

TALL IVY-LEAVED (No. 868). Of strong, vigorous growth, a very attractive vine. Mixed colors. Pkt. 10c, oz. 25c, 1/4-oz. 60c.

NIGELLA

LOVE-IN-A-MIST (No. 869). A hardy annual, one foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture.

Pansies

For spring flowering the seed should be sown in autumn and protected during the winter. For summer blooming sow in January and February, and plant out where they will have some shade from noonday sun. Pansies require fresh soil, plentifully enriched with well-decomposed manure.

Petunias, Large Flowering

Effective and easily grown annuals which bloom throughout the summer.

GIANT TRIMARDEAU (No. 872). Flowers of enormous size. An altogether distinct and beautiful new race, the flowers of which are larger than any hitherto produced. Each Pkt. 10c, 1/4-oz. 50c.

GOOD MIXED (No. 878). Many rich colors. Pkt. 5c, 1/4-oz. 25c.

Single Bedding Petunias

HIT WFan’s STAR (No. 893). “Star Petunia,” compact-growing variety, flowers cherry-red with a white center. Pkt. 10c, 1/4-oz. 50c.

SNOWBALL (No. 894). A fine compact sort, producing its pure satiny-white flowers throughout the entire season. Pkt. 10c, 1/4-oz. 60c.

ROSY MORN (No. 896). This is a very pretty petunia with a great number of flowers which are a bright rosy pink with white throat. The plants are small and compact and flower most freely. Pkt. 15c, 1/4-oz. 10c.

FINE MIXED (No. 897). Good bright colors. Pkt. 5c, 1/4-oz. 25c.

Portulaca

Dwarf annual of creeping growth, thriving luxuriantly in an open, exposed situation. During bright, sunny days the plants are ablaze with brilliant flowers of all shades. At night and on dull days the flowers remain closed.

SINGLE MIXED (No. 902). Large flowers of brilliant colors. Pkt. 5c, oz. 50c.

DOUBLE MIXED (No. 903). Perfectly double flowers of all colors. Pkt. 10c, oz. $0.25.
PHLOX DRUMMONDI GRANDIFLORA

The annual Phlox is a native of our state, and is known as "Texas Pride." Phlox occupies a first place as a garden annual, being the showiest and most easily raised. We know of nothing that produces such a continuous supply of the most attractive flowers in such a wonderful range of colors. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. They may be used in a variety of ways, such as a carpet to beds or borders, in boxes, vases, etc., but it is when grown in masses, in beds or borders, that they show to best advantage.

Select Large Flowering Phlox

**CHAMOIS ROSE (No. 8790)** salmon pink, orange eye ........................................ 10c
**CARNEA (No. 8794)** brilliant pink ........................................ 10c
**SPLENDENS (No. 8792)** blood red, with a white star in center. ........................................ 10c
**ISABELINA (No. 8798)** primrose ........................................ 10c
**ALBA (No. 8794)** white ........................................ 10c
**MIXED (No. 8795)** all colors, oz. 25c ........................................ 05c

STAR OF QUIDLINBURG (No. 8735), star shaped flowers of many colors. ........................................ 10c

Phlox, Dwarf Large Flowering

A type combining the size of the individual flower and head of the finest Grandifloras with the dwarf, compact growth of the Dwarf sorts.

**SCARLET (No. 8800)** ........................................ 15c
**WHITE (No. 8801)** ........................................ 15c
**MIXED COLORS (No. 880) ........................................ 10c

ALL SORTS, MIXED (No. 881) ........................................ 10c

Poppies

Everybody loves poppies, they are very easily grown and are covered all summer with satiny flowers of silkworm-like texture, in many brilliant color combinations. The foliage is delicate and the blossoms are similarly poised on slender stems. If the flowers are gathered early in the morning when the dew is on them, they will remain fresh in water all day. Mix seed with sand before sowing so as to distribute the seed thinly and evenly. They should also be sown in the beds or locations where they are to flower, as transplanting does not improve them.

**American Poppy, Double**

**AMERICAN FLAG (No. 8820)**, White margined and striped red. Pkt. 5c, oz. 25c
**WHITE FRINGED (No. 8821) ........................................ 15c**

**SANTA ROSA SHIRLEY (No. 9000)**, hitherto unknown shade of blue, lavender and salmon. Pkt. 10c, oz. 50c

**BONFIRE (No. 9050)**. This variety, without question, is the finest Salvia for bedding yet introduced. The plants grow into very compact oval bushes, about 2½ feet high and produce long spikes of brilliant scarlet flowers. The apical flower from twenty to thirty flowers each. Pkt. 10c.

**Salpiglossis**

(Shabby or Shaggy) Flowers are singularly marked and delicately penciled—in shape resembling the Petunia.

**EMPEROR (No. 908)**. A splendid large flowered strain; each stem is loaded with the largest handsomest flowers, each one richly veined with gold. Pkt. 10c.

**SUNFLOWER**

(No. 915). Nature has given us a Sunflower with blossoms of a beautiful chestnut red. As easily grown as the common Sunflowers. The flowers vary in color from a rich chestnut red to red variously bordered or tipped with yellow. The gorgeous, long-stemmed blooms are beautiful and lasting as cut flowers. Pkt. 10c, oz. $1.00.
SUPERB ORCHID FLOWERING, OR SPENCER SWEET PEAS

Spencer Sweet Peas need no introduction or description; they have practically replaced the Grandiflora varieties, and have become the most popular flower we have. They are quite hardy in the Southwest, and may be sown as early as December. Select rich ground, and sow seed deeply, then dig a trench 5 or 6 inches deep and sow your seed in it and cover with 2 or 3 inches of soil hocking in the balance when the plants are well started in growth. Inoculate the seed with Farmorgan, the vines will be much more productive. When 2 or 3 inches high the vines should be thinned to 5 or 6 inches apart, and bush or twine run from stake to stake should be provided for them to run on. In wet weather the earth should be ridged along the row, and in dry weather should be worked frequently to preserve the moisture. Always cut the flowers before they wither. Observe these directions carefully and you will have strong vines, profuse flowers, and long season of bloom.

NEW AND RARE SPENCERS

AMERICA (No. 929) Red, striped white; the name is very fitting as the red and white stripes suggest the American flag.

MRS. KOUTZAHN (No. 9290) Buff or apricot ground, flushed and suffused with delicate pink, deepening toward the edges. The flowers are of the largest size—thoroughly crimped and waved. The standard is broad and deep; the wavy wings are so large that they usually hide the keel.

KING WHITE (No. 9290) Produces gigantic flowers of an absolutely pure white. Compared with White Spencer the entire vine seems to be twice as vigorous; the flower is of a purer white, of better substance and more finely placed on the thick, long stems.

MARGARET MADISON (No. 920) An exceedingly chaste variety of unsurpassed beauty. The flowers are a clear azure-blue.

HERCULES (No. 928) This is a beautiful new dainty pink Sweet Pea. The flowers are so large that it has been appropriately named Hercules. You will find this an extremely attractive variety.

PETA DYES (No. 921) A white Spencer of fine form and substance.

Price of any of the above: Pkt. (40 to 50 seeds) 10c, oz. 50c, ¼-lb. $1.50, lb. $5.00.

TEXSEED SUPERB SPENCERS

ASTA ORN (No. 920A) An exquisite variety, wings clear lavender, standard pinkish mauve, of very good size.

KING EDWARD (No. 918) The standard is a deep rich carmine-scarlet of glossy effect. The wings are also carmine-scarlet and on the reverse side are of a deep rosy carmine. The long stiff stems frequently carry four fine blooms.

ARZEN (No. 925) The large, beautiful flowers have a ground color of cream-white, which is exquisitely flaked and mottled with rich orange-salmon.

OTHELLO SPENCER (No. 921) The flowers are beautifully waved. The long stems are thick and carry well either three or four fine blooms of a rich deep maroon. It is a strong grower and flowers most profusely.

BRANCHE SPENCER (No. 916) The standard is bright rose, the wings pinkish or bluish-white.

THOMAS STEVENSON (No. 923) Large and brilliantly effective with deep rose-orange. The finest Spencer of its class, and its color is marked.

PALACE SPENCER (No. 917) A most beautiful pink-edged variety; the ground color is pure white with a very distinct margin of rose-pink.

LOVELY (No. 919) The color is a rich buff-pink set on cream ground. The flowers are large and usually there are produced three on a stem. The standard is broad, beautifully waved and of great substance.

SENIOR SPENCER (No. 922) The color is a varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. There are usually four of the gigantic, finely formed flowers on each stem.

WHITP E. SPENCER (No. 923) Produces flowers of large size.

DAINTY SPENCER (No. 917) A most beautiful pink-edged variety; the ground color is pure white with a very distinct margin of rose-pink.

Price of any of the above: Pkt. (50 to 65 seeds) 10c, oz. 50c, ¼-lb. $1.00, lb. $3.50.

MIXED GIANT SPENCER SWEET PEAS (No. 927) Composed exclusively of Giant Waved Spencer varieties, blended in proper proportions of bright colors and including several new hybrids of desirable colors and shades. Pkt. 5c and 10c, oz. 25c, ¼-lb. 75c, lb. $2.50.

SPECIAL SPENCER SWEET PEA COLLECTION

Nine Full-sized 10c Packets for 50c.

The collection offer on Sweet Peas in our last Spring Catalog was so popular that we have decided to continue it. It is only by putting these up in immense quantities before the season opens that we are able to give nine full sized 19c packets for only 50c, so please don't ask us to make any changes. The following varieties are included; you will find them fully described above: American, azure blue; King Edward VII, azure-scarlet; America, white striped red; White Spencer, pure white; Othello, rich deep maroon; Lovely, buff-pink on cream ground; Hercules, largest and handsomest pink; Thomas Stevenson, fiery red orange; Blanche Perry, bright rose and bluish-white.

Farmers for Sweet Peas—Small garden size, 2¢; large garden size, 50c.

SWEET WILLIAM, Dianthus Barbatus

Unsurpassed for massing beds or borders. Produce an abundance of richly colored flowerbeds throughout the season. Fine for cutting. 2 feet. Hardy perennial.

FINEST SINGLE MIXED (No. 991). Beautifully shaded and marked. Pkt. 5c.

FINEST DOUBLE MIXED (No. 992). Splendid strain. All colors. Pkt. 10c.
STOCKS, TEN WEEKS

WHITE PERPETUAL (No. 911) (Princess Alice, or Cut-and-Come-Again). Pure white sort, producing an endless number of double flower clusters. The flowers are delightfully fragrant and keep well after cutting. Pkt. 15c, ¼-oz. $1.00.

BEAUTY OF NICE STOCKS (No. 910) These may be sown early to bloom in summer or in July and August for later flowering. Seedlings bloom in ten weeks. Splendid for pots and cutting. 2 feet. All colors mixed. Pkt. 10c.

Verbena

Among the best known and most easily grown annuals, making an excellent color display as bedding plants, or in window boxes. Pkt.

Mammoth Blue (No. 9330)...$0.10  Mammoth Auriola (No. 9346). Flowers largely in shades of red, pink and purple, with a distinct white eye. Choice mixed. .10
Mammoth Pink (No. 9336). .10  Mammoth Blue (No. 9341).
Mammoth Scarlet (No. 9333). .10  White eyed .................. .10

Lemon Verbena (No. 9270) (Aloysia Citriodora). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower...10

Vinca

Vinca (Madagascar Periwinkle) A tender perennial plant blooming the first season. Adapted to window or open garden, making a fine show in the border, height 12 inches. Flowers 1½ inches across.

Alba (No. 9380). Pure white.  Pkt. 10c with rosy eye............ Pkt. 10c
Rosea (No. 931). Rose ....Pkt. 10c Mixed (No. 9333) .......... Pkt. 10c

Violet

Well-known, fragrant, early spring-blooming plants. They thrive best in summer in a shady situation in a rich, deep soil. Hardy perennials.

SINGLE BLUE (No. 939)—The old-fashioned sort................ Pkt. 10c

Zinnias (Youth and Old Age)

The Zinnia is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer and keep on blooming until hard frost.

Giant Double-Flowering

This Zinnia is a wonderful improvement over the Double-flowering for size of flower and general vigor of the plant. Pkt.

Tall Giant Double, White (No. 9436) ....................... 10c
Tall Giant Double, Rose (No. 9431) ....................... 10c
Tall Giant Double, Crimson (No. 9430) ................... 10c
Tall Giant Double, Yellow (No. 9431) ...................... 10c
Tall Giant Double, Purple (No. 9432) ...................... 10c
Tall Giant Double, Scarlet (No. 9434) ..................... 10c
Tall Giant Double, Violet (No. 9431) ...................... 10c

Collection of 7 Pkts. .......... 50c

LITTLE RED RIDING HOOD ZINNIA (No. 9470)

Among the best known and most easily grown annuals, making an excellent color display as bedding plants, or in window boxes. Pkt.

CANARY (No. 911) Clear yellow. Pkt. 5c, ¼-oz. 20c.
JACQUELINE (No. 942) Rich crimson. Pkt. 5c, ¼-oz. 30c.
FINEST MIXED (No. 913) All colors. Per pkt. 5c, oz. 50c.
SCARLET (No. 941). Bright and fiery. Pkt. 5c, ¼-oz. 20c.
WHITE (No. 945) Pkt. 5c, ¼-oz. 20c.

Elegans Double Flowered

A distinct and new variety of Zinnia; comes almost entirely true from the seed. The petals are long, elegantly twisted and curled, giving the flower a most attractive, created-like appearance, somewhat resembling a fine petaled Cactus Dahlia in shape.

Pkt. 10c.
Annual Vines and Climbers

CARDINAL CLIMBER (No. 955). The most brilliantly beautiful New Annual Climber that has been introduced for many a year. An extremely rapid grower, it flowers early and profusely; the vines branch freely, quickly attaining a height of from 20 to 30 feet. The dark green leaves are deeply laciniated, resembling a fine Japanese Maple; each plant bears almost countless numbers of extremely rich, circular, glowing scarlet flowers which average 1 ½ inches in diameter. It succeeds best in a warm, sunny position and should be planted in rich soil. While most profuse in flowering from July until frost, it is a shy seeder. We recommend starting early indoors.

BALLOON VINE (No. 954). (Love-in-a-puff)—Rapid climber, with white flowers and attractive foliage. The seeds are inflated in insulated capsules. Pkt. 5c.

CLEMATIS PANICULATA (No. 788). (Japanese Virgin’s Bower.) This is one of the best hardy climbers. The leaves are of a bright, glossy green, and when in bloom the plant is completely hidden beneath a blanket of white, hawthorn-scented blossoms; a grand plant for piazzas, fences, in fact, any position where a climber is wanted; does equally well in sunshine or shade, unrivaled as a plant for the cemetery. Pkt. 5c, oz. 25c.

CANARY BIRD FLOWER (No. 956). Delicate foliage and yellow flowers. Pkt. 5c.


JACK BEAN OR DOLICHOS (No. 958). (Hyacinth Bean)—Easily grown annual, bearing a profusion of long spikes of pea-like blossoms, Lablab mixed. Pkt. 5c, oz. 20c.

Ornamental Gourds

RAPIDLY growing, interesting plants, with ornamental foliage and curiously shaped fruits. 15 to 30 feet.

DIPPER SHAPED (No. 959). Pkt. 5c.

NIGHT-EGG (No. 960). White egg-like fruits. Pkt. 5c.

LUFTA (No. 961). The fibrous inside of fruit can be used as sponge or dish-rag. Pkt. 5c.

HERCULES CLUB (No. 962). The green fruit grows from 2 to 5 feet long. Pkt. 5c.

MIXED VARIETIES (No. 963). Includes all the above and many others. Pkt. 5c.

HUMULUS JAPONICUS (No. 964). (Japanese Hop). Excellent for verandas, porches, etc. Brown foliage of light green color. Pkt. 5c.

HUMULUS JAPONICUS VARIEGATUS (No. 965). Very effective, with beautiful foliage, marbled with silvery white on light and dark green. Pkt. 5c.

CALABASH GOURD (No. 966). This is the variety from which Calabash Pipes are made. Pkt. 10c.

MOONFLOWER, LARGE-FLOWERING WHITE (No. 968). A most showy annual, with thousands of immense white flowers. Pkt. 10c.

WILD CUCUMBER VINE (No. 969). The thrifty vines climb from 20 to 30 feet high in one season. White, fragrant flowers and prickly seedpods. Pkt. 5c.

MORNING GLORY, FINEST MIXED (No. 970). This assortment contains a variety of colors of these old-fashioned flowers. Pkt. 5c, oz. 15c.

MORNING GLORY, IMPERIAL JAPANESE MIXED (No. 971). Foliage green, white, yellow and variegated. Colors of flowers range from soft rose to crimson, from daintiest blue to purple, from snow-white to gray. Pkt. 10c, oz. 25c.

SMILAX (No. 972). One of the most graceful tender perennial climbers, with small, glossy green foliage. Highly valued by florists. Pkt. 5c.

MORNING GLORY

THUNBERGIA, MIXED (No. 973). (Black-eyed Susan) Rapidly-growing annual, with beautiful foliage and pretty flowers. Pkt. 5c.

BALSAM APPLE (No. 974). Grows 10 to 15 feet high. Ornamental foliage and curiously-shaped orange-colored fruits. Pkt. 5c, oz. 30c.

VINES, ALL Sorts, MIXED (No. 975). This selection includes all the best and most popular varieties. Pkt. 5c.
OUR PLANT DEPARTMENT

In the following pages we submit a list of such plants as are most desirable for the Southern homes and gardens. Being Southern growers, we know which varieties are best adapted to our climate and soil conditions. We spare no trouble to secure best stock only, adding to our assortment from time to time such new varieties which our tests have proven to be valuable for Southern planters. If any of our customers desire a plant not catalogued, we will appreciate all inquiries and give them our prompt attention.

We have 16 modern equipped greenhouses covering 40,000 square feet to take care of our increased business, and are better prepared than ever to serve you. Our stock of plants, roses, shrubbery and nursery stock was never better, and with our own irrigation plant we were able to carry them through the past hot summer in good condition.

NEW FREE DELIVERY SERVICE

We will prepay charges on all orders sent us out of this book for Plants, Roses and Nursery stock, excepting shade tree orders for less than $5.00. We, therefore, ask that you do not confuse our prices with those growers who do not prepay charges.

AN INVITATION

Our Greenhouses and trial grounds are located at First Street Station on the Oak Cliff Street Railway, where we will at all times welcome a visit from our customers and friends. We have no connection with any other firm in Dallas and you are urged to demand our goods. Phone, S. W. C-40; Auto, C-1514.

Greenhouses

OUR TRIAL GROUNDS

We have established in conjunction with our Plant Department the first and only test farm in the Southwest for growing vegetable and farm seeds, to prove whether or not they are adapted to this climate. During the past Spring and Summer thousands of varieties of all kinds of vegetables and farm seed were grown by us to prove their type and hardiness. We invite our customers to write us regarding any variety of vegetable or farm seed that they are interested in and we will be glad to advise if they are adapted to your section.
CUT FLOWER DEPARTMENT

This department of our business has steadily grown in favor with our out-of-town customers, and we are now shipping cut flowers and designs to all parts of Texas, Oklahoma and Louisiana. We will be glad to quote you at any time on flowers for weddings and other special occasions. Space permits us to give prices on only a few of the designs and bouquets we are prepared to make.

In ordering, always state exact amount you wish to pay and we will give you full value in best flowers.

NOTE.—Fancy Ferns with all orders free of charge. No shipping orders accepted for less than $1.00.

Cape Jasm病症, May 10th to June 10th...$0.25 to $0.50 per doz.

American Beauty Roses, prices range in accordance with the season, length of stem and size of flower. 3.00 to 10.00 per doz.

Roses, white or pink...3.00 to 4.00 per doz.

Roses, red...2.00 to 3.00 per doz.

Carnations...1.00 to 2.00 per doz.

Lilies of the Valley...1.00 to 1.50 per doz.

Roman Hyacinths...75c to 1.00 per doz.

Daffodils...1.00 to 1.50 per doz.

Narcissus, paper white...1.00 to 1.50 per doz.

Easter Lilies...3.00 to 5.00 per doz.

Calla Lilies...3.00 to 5.00 per doz.

Sweet Peas, season, March to June, 25c per doz., $1 per 100.

Ribbons in December, January and February, 35c per doz., $2.00 per 100.

Orchids, $12.00 per doz.

Fern Strings, 4 to 6 feet long, 75c each.

Single Violets, 25c per bunch.

Double Violets, 75c to $1.00 per bunch.

Chrysanthemums, October, November and December, $3.00 to $5.00 per dozen.

Cut Asparagus Sprays, 50c per dozen.

3 box of Assorted Flowers, $1.50 to $10.00 each.

Other cut flowers in season at market prices.

Where large quantities of cut flowers are wanted, we invite you to send us a list of your wants for prices.

In conjunction with our Cut Flower department we are carrying a full line of both Willow and Wicker baskets. All of our models are galvanized inside so they will hold either cut flowers or plants. The accompanying illustration will give you an idea how beautifully baskets can be arranged either with real or artificial flowers. Write for prices on artificial flowers.

Prices on Baskets: 75c, $1.00, $1.50, $2.00, $2.75, $3.00, $3.50 and up according to design.

Willow and Wicker Baskets

During the winter months we will have a large assortment of blooming plants, such as Lilies, Begonias, Cyclamen, etc., also beautiful Palms and Ferns for house decoration. Write for prices.

Flowers for Commencements, Store Openings, etc.

Basket Choice Assorted Flowers, $2.50, $3.50, $5.00 up.

Basket Choice Roses, $3.00, $5.00, $7.50, $10.00, $12.50 up.

Horse Shoes, $3.50, $5.00, $7.50, $10.00.

For Weddings

Bridal Bouquet, White Roses, $3.00 up, with showers $5.00 up.

Bridal Bouquets, White Carnations, $2.50 up, with showers $4.00 up.

Bridal Bouquets, Lilies of the Valley, $6.00 up, with showers $8.00 up.

Bridesmaids Bouquets, $2.00 up.

Corsage, $2.50 up.

Baskets for Flower Girls, $2.00 up. Ribbon extra.

Funeral Designs

Bows...$3.50 up

Flower Designs—Masonic, Odd Fellows, Elks, etc...$5.00 up

Metal Wreaths of flowers and foliage for cemetery use...$2.50 to $5.00 up

Doves...$2.00 each

WE MAKE A SPECIALTY ON CASKET SPRAYS. PRICE $1.50 UP.
The Snapdragons do not receive in this country the attention they deserve. Tourists see them used in beds and borders in all of the famous parks and gardens in the Old World, and we know from actual tests that they do just as well here as in Europe. They succeed best in rather light soil, in a sunny position, and although perennials, succeed well when treated as annuals. Fine for cutting. Assorted colors 10c each, 3 for 25c, $1.00 per dozen.

TEXSEED SILVER PINK A new Snapdragon far superior to common varieties. 15c each, 3 for 40c, $1.50 per dozen.

ACALYPHA

ACALYPHA TRIUMPHANS This is a grand plant for beds. The foliage is red, marbled, streaked and mottled with green, yellow and pink; extremely effective. Thrives in hot weather. Price, 15c each, 3 for 40c, $1.25 per dozen, large size 25c each.

SANDERI OR CHENILE PLANT Foliage deep, glossy green, flowers bright red, rope-like pendants drooping from the axil of each leaf, often 18 to 20 inches long. Makes splendid growth when planted outside in summer, and if grown in pots should be repotted frequently to promote vigorous growth. Be careful in watering not to wet flowers and they will remain perfect much longer. 15c each, 3 for 40c, $1.25 per doz.

AGERATUM

For summer bedding or in baskets and vases these are very useful, offering opportunity for grand color effects by supplying the blue shades lacking in most bedding plant families. 10c each, 65c per dozen.

ALTERNANTHERA OR (BORDER-PLANT)

An admirable dwarf plant of compact growth, used for edging to flower beds, about 6 inches high.

AUREA NANA Bright yellow and green foliage. 10c each, 65c per dozen, $3.50 per 100.

AMMONEA SPECTABILIS Crimson, pink and bronze. 10c each, 65c per dozen, $3.50 per 100.

AURACARIA EXCELSA

The most popular of all the tender evergreens. For house decoration this is one of the most serviceable plants in our collection. Price, $1.25, $1.50, $2.00 and $3.50 each.

The above beds are all bordered with Alternanthera.
BEGONIAS

Few plants can be grown so readily and produce such a profusion and brilliancy of foliage and flowers as Begonias. Price, except where noted, fine young plants, 25c each, 3 for 50c, 1.50 per dozen.

GRACILIS LUMINOSA The newest Begonia; rich, glossy, green, often shaded deep bronze. The flowers, when first opening, are bright cherry, changing to a clear coral red. 25c each, 3 for 60c.

ALBA PICTA Long, pointed, slender leaves, thickly spotted with silver white; foliage small and elegant white flowers in clusters.

ARGENTEA GUTTATA Has the silvery blotches of Alba Picta and in grace is not equaled by any other variety. Beautiful fringed oblong leaves, with silver markings; white flowers in clusters on ends of great stems.

REX Painted-leaf Begonia. These are grown for their handsome variegated foliage. For house culture, baskets, vases, etc., there is nothing more beautiful. We have a very fine assortment. Price, 25c, 3 for 65c.

PRESIDENT CARNOT A very strong growing variety of stiff, upright habit, foliage large, similar in style to Begonia Rubra, but more than twice as large; upper side deep green, under side purplish red. Flowers beautiful coral red, borne in large panicles.

ERFORDIA We can recommend this variety as being one of the very best. It grows in symmetrical, compact form, with shining green foliage, continually covered with clusters of rosy salmon flowers.

RUBRA This Begonia is still a great favorite. The flowers are a rich coral red, hanging in large pendant clusters. These, combined with the rich green foliage, make it one of the best plants for house culture.

VERNON Nothing more showy for summer beds. Flowers beautiful deep rose, produced in greatest profusion.

CROTONS

Excellent decorative plants, gorgeously colored with different combinations of yellow, red, white and green. They are easily grown and do well in any warm conservatory or window, and are particularly valuable for bedding out in summer. Price, large plants, $1.00 each.

CHRISTMAS GEM This variety of Coleus can not be excelled as a pot plant. leaves are immense, being from 6 to 10 inches long, the growth is strong and vigorous. The leaves are bright carmen, shading off to a deep maroon, the margin being yellow and green, the whole leaf having a rich velvety luster. Price, 15c each, 3 for 40c, or $1.25 per dozen.

COLEUS

We have nothing in the line of bedding plants that can ever take the place of Coleus. There are many of the bright and fancy leaved kinds that are handsomely marked, and this year we offer an unusually large and choice selection of varieties. Beautiful effects may be made by using in solid clumps or as edge to Canna beds, etc.

Write us the shade or color you desire. Price, 10c each, 75c per dozen, $2.00 per 100.

CANDYTUFT

Among the most useful of perfectly hardy annuals. Plants bear neat clusters of flowers very freely. 10c each, 75c per dozen.

CARNATION

The delicately rich and grateful odor in connection with the beautiful colors and perfect outline of the Carnation, secures for it a prominent place in all collections of plants either for the house or garden. It is one of the sweetest of flowers and yields abundance of blooms all summer. The plants may be potted in October, watered and shaded a few days, and they will go right along blooming all winter, in a bright sunny window. Our list embraces a large variety of colors and is the cream of the standard varieties. Price 10c each, 2 for 25c, $1.00 per dozen, except where noted. Large field grown plants 25c each, 3 for 70c, 1 oz. $2.50.

BELLE WASHBURN (NEW.) Brilliant red. Flower 3½ to 4 inches across. Continuous bloomer. Price, 15c each, 2 for 25c.

MATCHLESS (NEW.) This fine white variety is well named, and well deserves the popularity that it has won; exhibition size and quality. Price, 15c each, 2 for 25c.

NEBRASKA (NEW.) It is bright scarlet; makes long stems and good sizable plants. It comes into flower early and we do not hesitate to state that Nebraska looks the best in its color. Price, 15c each, 2 for 25c.

HEROLD (NEW.) A fancy scarlet. From the standpoint of fancy bloom it takes precedence over other scarlet varieties. Price, 15c each, 2 for 25c.

BEACON A splendid new red that blooms throughout the long season. Flowers are gracefully formed, and will average from 2½ to 3 inches in diameter. Color, scarlet, with a brightening dash of orange.

ENCHANTRESS One of the grandest of recently introduced Carnations, a leader in its color, an exquisitely delicate shade of shell-pink, deepening toward the center.

WHITE ENCHANTRESS One of the best whites yet produced, of pure quality, large size and immense production.

ROSE PINK ENCHANTRESS A lovely rose-pink shade of color put on by the old favorite "Enchantress."

WASHINGTON Cerise pink, good size, very free in bloom, stems stiff and erect.

Cyperus Alternifolius
(Umbrella Plant.)
A splendid aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of leaves. An excellent plant for growing in water or damp places, thriving in any good soil and always presenting a fresh, green, attractive appearance. Excellent for porch boxes and house plants. Price, 15c each, 3 for 40c; large plants 25c each.

Special Carnation Collection
5 FIELD GROWN PLANTS $1.00
Our Selection

Notice See Special Offer on Page 106
Chrysanthemums

Who does not admire the "Queen of Autumn," the handsomest of all autumnal flowers, and easily cultivated in almost any soil? They flower well in October and November in the open ground. But a good way is to cultivate the plants in the garden with plenty of room in good, rich soil, until the first of October, when they may be safely transferred to pots. Give a thorough watering and set in a shady place for a few days, after which they may be exposed to the full light. Great improvement has been made in recent years in Chrysanthemums, and you will be surprised by discarding the old varieties and securing the newer kinds. Those with the word "NEW" after the variety, 20c each; 3 for 50c; $1.75 per dozen. Price, 15c each, 4 for 50c, 9 for $1.00, $1.25 dozen; except where noted.

MRS. SEIDENWRITZ A very late variety with beautiful incurving form, very full brilliant pink. This is a fine addition to our scintillating list of Pink varieties.

WHITE TURNER This is a perfect incurved variety of enormous size. This variety stands at the head of all White varieties.

ODESSA An enormous bright yellow. Grand in form, incurving petals. Grows very similar to Wm. Turner.

WHITE HELEN FRICK Those who appreciate the late Pink variety, Helen Frick, will be pleased to know a white sport has been established. In the early stage of development they show some trace of light pink, but when mature are pure White.

COL. D. APPLETON A very large, deep golden yellow Japanese incurving flower of fine finish and form.

GOLDEN GLOW Large yellow variety, invaluable for early cut flowers.

DR. ENQUEHRD

OCTOBER FROST (NEW) A very early White. Height 3 feet. Pure White flowers, perfect in form and full to the center.

CHADWICK SUPREME Color beautiful Pink, one of our newest varieties.

CHIEFTAIN (NEW) Deep, clear Pink; incurved in type on the order of Major Bonnaffon. A very fine midseason pink variety.

WHITIE CHIEFTAIN (NEW) On the first crown-buds it shows a tinge of pink; on the late buds it is pure White.

ROSERIE (NEW) A good, early Pink.

HELEN FRICK (NEW) Brighter than Golden Wedding, 9 inches in diameter; stem and foliage perfect. There is no yellow that can equal it in color, size.

MARIGOLD (NEW) A very fine Yellow. Considered one of the finest yellow varieties ever introduced.

BLACK-HAWK (NEW) Color Reddish Black, very beautiful.

Pompons

(Small Flowering Chrysanthemums)

Pompons are becoming more popular year after year, being especially desirable for outdoor bedding, pot plants, and also lend a distinctive grace and beauty to floral decorations of all kinds. Price, 10c each, 3 for 25c, $1.00 per dozen.
The Texas Seed & Floral Company, Dallas, Texas

**FERNS**

**ASPARAGUS SPRENGERI** A fine variety for hanging pots. The plants also blossom freely and bear large red berries. Nothing finer for decorating. **Fine plants** 15c each, 3 for 40c, $1.50 doz.; larger plants 25c, $2.50 doz.; all prepaid.

**ASPARAGUS PLUMOSUS NANUS** Fine lace-like foliage, compact and most exquisite. Splendid for table and house decorations, bouquets, etc. **Price**, strong young plants, 20c each, 3 for 50c, $1.75 doz.; all prepaid.

**BOSTON FERN** Handsomely arching and drooping fronds make this one of the most graceful and beautiful Ferns in existence. The fronds often grow 4 feet long. As a single specimen, it has no equal. 25c, 50c, $1.00, $1.50 and $2.00 each; all prepaid.

**PIERSONII FERN** Of strong, vigorous growth, with long graceful fronds, which grow very broad and heavy as they develop. Each pinnae or leaflet is subdivided, forming a perfect miniature frond. 35c, 50c, 75c, $1.00 and $2.00 each; all prepaid.

**ROOSEVELT FERN** It resembles the world-famous Boston Fern, but produces twice as many wide, drooping fronds. **Price**, 35c and 75c, prepaid.

**WHITMAN FERN** An improved Tarrytown Fern, of more dwarf and compact habit than **Elegantissima**. The pinnae are more deeply divided, giving the plants an exceedingly fluffy and feathery appearance. 35c, 50c, 75c, $1.00 and $2.00 each, prepaid.

**IMP. ELEGANTISSIMA FERN** The New Tarrytown Fern. This exceedingly graceful sort is a sport of the Ptersson Fern. However, the plants are of much more compact habit and grow only one-half as tall. The fronds are nearly twice as wide. 35c, 50c, 75c, $1.00 and $2.00 each, prepaid.

**BIRD'S NEST FERN** This is a perfect gem and is entirely new and distinct from all other Ferns. Its beautiful wavy and crispate leaves attain a height of two feet, making it a splendid subject to grow into specimen plants for effective decoration usage. Small plants. **Price**, 50c each, prepaid.

**Maidenhair Ferns**

**ADIANTUM CUNEATUM** The best known variety of Adiantum. Its graceful, lace-like foliage makes it indispensable for flower designs or anything where small Ferns are used. 20c each, 3 for 50c, and large size 25c each.

**Ferns For Fern Dishes**

**CRYTOMIUM FALCATUM** (Holly Fern) Excellent for house decoration. 15c each, 3 for 40c.

**PTERIS CRETICA** Very pretty variety, with striped foliage. 15c each, 3 for 40c.

**PTERIS TREMULA** Easily grown and one of the finest for home decoration. It forms large, handsome fronds and develops rapidly into a fine specimen. 15c each, 3 for 40c.

**PTERIS SERRULATA** Of graceful habit. Excellent for basket. 15c each, 3 for 40c.
FERNS—Continued

The New "Woodrow Wilson" Fern "Woody Junior"

This magnificent Fern is a sport from the world’s renowned Boston Fern. Its habit of growth is to produce longer fronds than its parent plants. The fronds are narrow and beautifully tapered from base to tip; they droop just enough to make beautiful and graceful plants. It is such a vigorous grower that it will thrive under most adverse conditions. We have thoroughly tested this variety and find it to be better adapted for this section than other varieties of the Boston family. Fern growers can appreciate this wonderful new variety. Limited Supply. Price, Large Size only $1.25 each, prepaid.

DAISIES

King Edward VII
"The Beautiful New Daisy"

In this novelty we offer the finest semi-double variety that we have ever offered. The color is a pure even shade of white with a clear yellow center. The flowers are large and of excellent substance. The stems are long but strong and support the flowers perfectly. The flowers are from 2 to 3 inches in diameter. Plants are of medium height and multiply very rapidly; blooms in early Spring. This is a harder variety than the Shasta. It is an excellent plant for borders. Price, 20c each; 3 for 50c; $1.75 per dozen, prepaid.

MRS. F. SANDER In this we have unquestionably the most important flowering plant introduced in recent years, which like its predecessors, the French Marguerite and the later Introductions, white and blush Queen Alexandra, will be grown extensively for cut flowers during winter, while its pure white color will make it more valuable than any as a pot plant for Easter decorations. For the amateur’s conservatory or window garden it should prove one of the best flowering subjects, it adapting itself to any light sunny position.

SHASTA DAISY The plant grows fast and increases rapidly. Unlike all other Marguerites, its color is of the purest glistening white throughout. Price, 20c each, 3 for 50c.

Dusty Miller

Very useful for bedding, plant borders, etc. Silvery white foliage. Splendid for cutting and for decorations. Price, 10c each, 3 for 25c, 50c per dozen.

Ficus Elastica

RUBBER TREE Its thick, l a r g e , olive-green leaves and graceful polished stems make it one of the very finest ornamental plants for table and parlor decoration. Price, sturdy plants, large size, 75c and $100 each.

GERANIUMS

The improvement in the Geranium both in the size of the individual flower and the truss, is wonderful when compared with the flower of a dozen years ago. Many of the single flowers are larger than a silver dollar, and the trusses are immense balls of living color; while in color we find the purest white to delicate rose, brilliant scarlet, richest crimson, and many other shades. The foliage varieties are also much improved. The bronze leaf with its margin of gold, zoned with chocolate and crimson, is very fine. The ivy-leaved section also shows great improvement, the flowers being equal in size and color to the best double and single Geraniums of the ordinary type.

Prices: Nice young plants, 20c each, 3 for 40c, $1.25 per dozen; larger plants from 4-inch pots, 25c each, $2.50 per dozen.
GERANIUMS—Continued

Price 20c each, 3 for 50c, 1 doz. $1.75.

ALICE OF VINCENNES Color from beautiful shade of violet
scarlet. 
GRANVILLE Beautiful shade of dark rose pink; white 
blooms on base or upper petals. Stands the 
sun well.
JAQUERIE Beautiful deep cardinal red; fine shape and a 
good bedder.
MRS. E. G. HILL Enormous trusses of large florets; center 
of each petal is of soft light salmon bor-
dered with rosy salmon. Strong and vigorous.
L'AUBE Pure snow white, retaining its purity the entire 
season. Very large florets. One of the best single 
whites.
PAINTECL LADY Brilliant scarlet-crimson, shading delicate 
viola-shades to distinct white center; magnifi-
cent bedder.
PASCUAL A new Geranium of the large-flowering type and 
that one that has proved to be a fine bedder. Flowers 
purest white, not a trace of color at center. Plant dwarf 
and bushy.
ALPHONSE RICARD A beautiful shade of bright vermilion, 
in the greatest profusion on long, rigid stems held well 
above the exquisite deep green slightly sponged foliage.
BEAUTE POITEVINE Beautiful shade of shrimp pink, gradu-
ally shading to white; considered to be one of the best semi-double bedders in the light salmon 
shades; a universal favorite.
BERTHE DE PRESSILY Magnificent semi-double silver rose 
florals, producing splendid trusses the entire season. This is the best bedding light pink 
we have and is a suitable companion to the old favorite, S. A. 
Nutt.
COMTESSE DE HARCOURT Pure white flowers with beau-
tiful florets, and enormous trusses which stand in the sun well; perfect habit; deep rich 
green foliage.
DOUBLE GEN. GRANT, OR HETERANTHE Color bright 
vermilion scarlet; full round florets borne in large trusses on long stems; habit all that could be, well branching, exceptionally 
strong and very vigorous, distinct, clean, healthy foliage, with a 
profusion of bloom.
JEAN VIALD Beautiful bright clear shade of mauve rose, 
shading to a clear white throat; the flowers 
and trusses are enormous, sometimes measuring 6 inches in 
diameter; luxuriant foliage, of good substance.

Buckner Geranium

FRANCIS PERKINS This is the best double pink bedding 
Geranium; plant is an extra strong, vig-
orous grower, throwing out tall spikes of large, well-formed 
flowers of a bright pink color.
MARQUISE DE CASTELLANE Immense beautiful soft red 
erim color flowers, varying to a lighter red; perfect in form; borne in large trusses; 
produced on rigid stems. We can recommend this variety, 
knowing that it is the healthiest variety we have.
LA FAVORITE being of a pure white color; a profuse bloomer 
of enormous flowers; beautiful foliage and finest habit; an excel-
 lent white bedder.
MISS KENDALL Large, handsome flowers with a scarlet 
throat, surrounded by a margin of dark 
carmine red, which is very effective; noble upright habit; round 
and full florets.
MME. LANDRY A distinct salmon-pink with a light scarlet 
shading, enormous trusses, and florets borne 
on long stems; semi-dwarf and vigorous habit. With its noble 
upright nature it is capable of standing the extreme heat. An 
excellent pot variety, being an early bloomer.
MME. BARNEY A profuse bloomer of an enormous semi-double 
flower of a deep pure pink color; a grand 
dwarf and branching habit; perfect bedder and pot variety.
SPAULDING PET This is a profuse bloomer with large, 
bright scarlet flowers, semi-double, and 
has the remarkable faculty of blooming right through the hot-
test and driest weather; it also is a luxuriant grower. This is 
a variety that is especially desirable for the South.
S. A. NUTT The most beautiful of all dark-red varieties.
The color is a deep scarlet with maroon shading. 
Compact, vigorous growth. Constantly in bloom. Stands heat 
and drought better; is therefore the best outdoor Geranium. We 
have a large stock of this splendid type.

IVY-LEAVED VARIETIES

Price 15c each, 4 for 50c.

GARDEN'S GLORY A profuse bloomer of an exquisite bright 
scarlet double flower, which is considered to 
be one of the best of this type; the plants display a continual 
profusion of bloom and are of exuberant, healthy growth; flowers 
are of good quality, and large size, pleasing and attractive for 
fancy baskets and vases.
JOSEPH WARREN A very large, bold semi-double flower of 
good substance, the color being a lovely 
shade of rich purple, rose slightly feathered dark maroon; a 
distinct and striking variety.

SCENTED LEAVED VARIETIES

APPLE (Pelargonium odoratum.) Apple scented. Price 20c, 
3 for 50c.
LEMON (P. Graveolens.) Dwarf, glossy, small green leaves, 
delightful lemon odor. Price 20c each, 3 for 50c.
NUTMEG (P. Fragrans.) Dwarf, bright green foliage, nut-
meg fragrance, introduced in 1774. Price 20c each, 
3 for 50c.
ROSE (P. Graveolensa.) This variety has been a great favorite 
since 1699. The standard rose scented. Price 20c each, 
3 for 50c.

Easter Greeting Pelargonium
Pelargoniums
Mrs. Layal
A New Member of the Mary Washington Family
This is another favorite of the plant lovers and is rapidly coming into a well deserved reign of popularity — of the easiest growth and literally covered with flowers all the time. Color and markings extra-ordinary, light Pink, White, dark Purple and Black. It is known by some as the New Pansy Geranium. Price, 25c each, 3 for 65c.

Mrs. Layal's Pelargonium

The Everblooming Pelargonium
(Easter Greeting)
This new Everblooming Pelargonium (Easter Greeting) is the most wonderful flowering variety of all Pelargoniums. Blooms from late winter to early fall, withstand the summer heat. The variety is of a strong, compact, bushy habit, holding its foliage well. The color of this variety is very hard to describe. Some describe it as a brilliant rose and others a fiery Amaranth red. Each of the petals is marked with a large dark spot in the center, being daintily penciled with a scarlet crimson. The combination is very striking and at once catches the eye of the most careless observer. See illustration on previous page. Price, 25c each, 3 for 65c.

Hydrangeas
Beautiful blooming plant, adapted rather for inside decoration. The large clusters of flowers resemble the snow ball, only being much larger.

OTAKSA A very beautiful variety from Japan, giving large clusters of blush-pink flowers in great abundance through the season; the flowers are very persistent, lasting two or three months. Fine plants, 25c each.

Hibiscus
A beautiful class of plants with handsome glossy foliage and brilliant showy flowers, often measuring from 4 to 6 inches in diameter. They grow under the hottest sun and bloom most profusely in open ground or in pots or tubs. The flowers are gorgeously colored. Price of Hibiscus 15c each, 3 for 40c, $1.50 per dozen.

SUB VIOLACEOUS Flowers of enormous size, of a beautiful carmine, tinted violet; probably the largest flower of the Hibiscus family.

GRANDIFLORA Rich, glossy foliage, blooming profusely through the summer, literally covering the plant with scarlet-crimson flowers.

MINIATUS SEMI-PLENA Large, semi-double, brilliant vermillion-scarlet, ought to be in every garden.

VERSICOLOR A variety combining in its flowers all colors of the whole family, being handsomely striped crimson, buff, rose and white.

AURANTIACA Large, double, orange-colored flowers, an early and profuse bloomer.

Hibiscus Versicolor
CARMINIATUS PERFECTUS Full, round flowers of perfect shape, and of a rich soft carmine-rose, with a deep crimson eye. A beautiful free blooming variety.

COLLERII A remarkably new and distinct variety, introduced from the South Sea Islands. Flowers of a buff-yellow, with a crimson-scarlet base, and peculiarly handsome.

PEACH BLOW This is one of the finest plant novelties offered in recent years. It is a “sport” from the double red Hibiscus Rosa Sinensis; the flowers are double and from four to five inches in diameter; of a charming rich, clear pink color, with a small deep crimson center.

PROMPT SERVICE
Wilson County, Texas, September 11, 1917.
The Texas Seed & Floral Co.,
Dallas, Texas.

Dear Sirs:
I received the Seeds and Onion Sets all O. K.
As to the substituting of the Peas, that is all right.
Thanks for the prompt service.

Yours respectfully,
R. E. S., Box 169, Floresville, Texas. Ed. Morgenroth.
Heliotropes

Price, 15c each, 3 for 40c, $1.25 per doz.

HEAVENLY BLUE Large, close panicles of exquisite light blue flowers, with white eye. Grows vigorously and flowers abundantly; very fine for bedding.

LAVENDER QUEEN Enormous flowers, very large trusses of bloom; color, a beautiful shade of lavender, suffused with rosy mauve. A dwarf, robust grower and very free and continuous bloomer.

ROYAL PURPLE Very large and fragrant, color deep violet purple, with white eyes, very floriferous, and cannot be too highly recommended for bedding out, for which purpose we offer it.

Jasmines

CAPE This is an old favorite and the most satisfactory for general culture of all the Jasmines. It flowers nearly all the whole season and is especially valuable as a house plant in winter; flowers star-shaped, pure and very fragrant. 25c each.

GRAND DUKE OF TUSCANY (New Jasmine) A magnificent ever-blooming plant with large, double, waxy, creamy-white flowers, with the most delicious fragrance of any flower we know; sweeter than a tuberose, looks like a large double white rose. Blooms throughout the season. A superb pot plant of dwarf, sturdy habit of growth. Price 25c, 50c and 75c each.

CESTRUM NOCTURNUM (Night-Blooming Jasmine) Freely blooming shrub, very fragrant at night. Price 25c each.

REVOLUTION (Yellow Jasmine) A strong climbing plant, with glossy leaves and single deep yellow, fragrant blossoms. A beautiful plant and easily grown. 25c.

OLEANDERS

Nothing nicer for porch or lawn decoration. Give good rich soil and plenty of moisture during growing season. May be wintered over in any cellar where it does not freeze. Double pink, 25c to $1.00; double white, 25c to $1.00.

PHLOX DRUMMONDII

Brilliant and abundant large, terminal flowers, which completely hide the foliage; the blooms are of many colors, from pure white to deep purple, eyed and striped. Give good rich ground, and set plants 6 inches apart. White rose, scarlet, deep blood, or mixed colors. 10c each, 50c per dozen.

PLUMBAGO

15c each, 3 for 40c, $1.25 per dozen.

CAPENSIS One of the finest free flowering plants, particularly adapted for the South. Excellent for boxes, baskets and pot plants, located in a sunny position. The stems often attain a length of two or three feet and have a drooping habit. The flower garden is not complete without a few plants of Plumbago. Color light baby blue.

CAPENSIS FLORE ALBA Exactly like the preceding, except in color, which is clear white.

OTAHEITE ORANGE

Dwarf, bushy plants which bear a profusion of fragrant flowers and edible fruit. The best of the oranges for house culture. 25c, 50c and $1.00 each.

Texseed Grand Bedding Lantanas

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom. Verbena-like heads of orange, white, rose and other colored flowers; 2 to 5 feet. Mixed colors. Fine plants, 15c each, 3 for 40c, $1.25 per doz.

NEW WEEPING LANTANA One of the most beautiful plants ever introduced for baskets, vases, pots or for culture outdoors. Produces its delightfully fragrant lavender flowers by the hundred from early summer until frost. Has a most graceful drooping habit of growth.

VIOLET KING (New) Cream blending into soft violet.

MER JAUNE ("Yellow Sea") Golden-yellow.

M. SCHMIDT Orange with red.

COMTESSE DE BIENCOURT Pink with cream.

ALBA PERFECTA Pure white.

DWARF CREAM Color cream, growth dwarf, fine for edging.
Choice Pansies

Our choice prize strain of Pansies has gained for us an enviable reputation among all lovers of this handsome bedding plant. The brilliant colors and size of the flowers mark it as one of the finest strains in existence. We devote a good deal of space at our trial grounds to the growing of pansies, and thus we are able to furnish in small or large quantity selected flowering plants at the following low prices: Fancy varieties, extra selected, 10c each, dozen, 75c, 100, $4.50.

Petunias

It is rapidly becoming known that Petunias are the most popular of all annual bedding plants as well as most desirable for porch and window boxes, baskets, etc. They are admirably well adapted to our hot, dry climate and present a wealth of beautiful and varied blooms from early summer until frost. They are to be found in almost every lawn and garden. Our assortment embraces all of the desirable varieties of single and double flowers in all shades of pink, red, striped star, mottled, etc. Do not overlook these lovely plants. Price, 10c each, 65c dozen, $3.75 per 100.

DOUBLE FRINGED These Petunias thrive and bloom the whole season, even in the hottest weather, and are handsome for flower beds or house culture. Separate colors: White, Pink, Variegated, Crimson and Maroon. 15c each, 3 for 40c, $1.50 per doz.

Poinsettia

A grand plant especially adapted for Winter flowering. They begin to bloom in November and remain expanded until February, and are exceedingly showy. The individual flowers keep perfect many weeks before fading so that for nearly two months this grand bloom is in full glory. The color of the flower is a brilliant dazzling scarlet and sure to attract great attention. We sell more of this plant for Christmas gifts than any other variety of flowering plants. They will thrive well in any sunny window, and require about the same treatment as a Geranium or Begonia. After they are through blooming they should be dried off until April, then the old soil should be shaken off the roots, the plants repotted in fresh garden soil, after which they will start a new growth and make fine plants for the next season. Price, 25c, 50c and 75c each.

Ponderosa Lemon

Splendid, strong, growing plant of the citrus family. It not only makes a lovely house plant, but produces large, handsome lemons which will be the delight of the housekeeper. It produces these splendid fruits year after year, beginning to bear when the plant is two years old. As the plants grow larger, they produce more fruit; on a six feet high ninety lemons were grown at one time, ranging from the size of a pea to ripe fruit, demonstrating the truly everbearing habit of this variety. The fruits grow to a very large size, have remarkably thin skin, and are the juiciest of all lemons. Excellent for lemonade and other culinary purposes. Thrifty plants, 25c, 50c and $1.00 each.
PALMS
FOR HOUSE DECORATION

No collection of plants is complete without palms. Their bold, majestic, yet graceful foliage lends magnificence that can not be obtained by any other class of plants and no decoration, whether in a conservatory, hall or sitting room, is complete without them. Any one can succeed in growing the varieties listed below as they are best adapted to the South. Two or more well grown Palms in a home produce a better decorative effect than most any other class of plant. They thrive best in a light airy room moderately watered and the leaves should be sponged with water every week or two.

ARECA LUTESCENS leaves are gracefully curved on slender golden-yellow stems, and the entire foliage is gracefully disposed. Nice plants 3 for 45c, larger plants 60c and $1.00 each.

CYCAS REVOLUTA (Sago Palm) These are probably the most valuable decorative plants grown, both for lawn and house decorations, their heavy, glossy, deep green fronds reaching, alike the glass and cold. They are frequently exposed. We have an exceptionally fine lot in popular sizes for house decorations, 75c to $5.00 each.

KENTIA FORSTERIANA Of stronger growth, with broader foliage than above. Easy to grow. Small plants 45c each, large size $3.50 each. Write for Prices on largest size.

KENTIA BEMOREANA This is one of the finest pot plants imaginable, and the easiest to grow of any of the Palm family. Being almost hardy, it is not injured by slight changes in the temperature, and its stiff, glossy leaves enable it to stand the dry, hot air of the living room without injury. The leaves are deep, glossy green, fan-shaped, split deeply into segments. 60c each, strong plants $1.00, $2.00, $5.00, $7.50, $10.00 to $25.00.

LATANIA BORBONICA The well-known Fan Palm. Its wide-spreading gracefully arching leaves are elegant and effective for apartment decorations. The handsomest and most valuable of all the Palms. 40c each, fine plants 60c, 75c, $1.00 to $3.00.

PANDANUS
(Screw Pine)

WEITCHI One of the finest decorative plants for the house; graceful foliage; broadly striped with creamy-white on a green ground. Large Plants, 50c, 75c, $1.00, $1.50 each.

SANTOLINA A very pretty dwarf, growing little plant. The foliage is finely cut and of a silvery gray color, thus making it particularly useful and valuable for edgings and ribbon beds, as it contrasts finely with plants of darker color or large leaves, like Coleus. 10c each, 3 for 25c, 75c per dozen.

SWAINSONIA ALBA Large snow-white blossoms in long pendant clusters, very beautiful clusters on long, slender branches. It begins to bloom quite small, and will continue as long as kept in growing condition. When planting in open ground plant in part shade.

SWAINSONIA THE SWAN FLOWER Among the winter-blooming plants for house or conservatory the Swainsonians are among the prettiest and most desirable. They have beautiful fern-like foliage and will bloom every day in the year. The blooms are the shape of sweet-peas and nearly as large, and both the beautiful clusters on long, slender branches. It begins to bloom quite small, and will continue as long as kept in growing condition. When planting in open ground plant in part shade.

SALVIA OR SCARLET SAGE

Salvia—Scarlet Sage
A bed or border of Scarlet Sage always compels attention. It has long been a leading favorite. We know of nothing that can equal the gorgeous effect of a bed of Scarlet Sage when in full bloom. The large waving masses of Scarlet bloom against green surroundings of lawn or foliage is matchless. Salvias can be grown in almost any position with fine effect; in the flower bed; along the walk or borders. They also add to the attractiveness of a shrubbery if planted in clumps in the vacant spaces, the varied shades of green and the dashing scarlet have a most pleasing effect. We offer only the large flowered variety. Price, 10c each, 3 for 25c, 75c dozen.

PINK A beautiful new sort, quite similar to above, except that flowers are a clear pink color. 10c each, 3 for 25c, 75c per dozen.

SANSEVERA ZEALANICA An ideal decorative plant; will stand more hardship and more abuse than any other house plant of which we know. Leaves thick and of leathery texture, not affected by gas, dust or heat. Grows to a length of three to four feet, and is beautifully striped crosswise of leaves with broad white variegations on a dark green ground. Excellent for porch boxes, etc. 25c each, 2 for 40c. 3 for 40c, 1 doz. $1.25.
Mammoth Verbenas

The collection we offer is as fine a collection as could be found on this continent, containing the most brilliant colors and some right fragrant varieties. In order to keep the plants in the best blooming condition, cut all faded flowers off, and even a severe trimming or clipping tends only to strengthen the plants and keep them in better shape for late flowering. With proper care your Verbenas may be kept in blossom long after other flowers have gone. The demand we had the past season for this popular flower was enormous. Red, white, purple and pink. Price, 10c each; six for 55c; twelve for 65c.

Lemon Verbenas

Indispensable for the delightful fragrance of its leaves in the construction of bouquets, etc. Price, 10c each; 3 for 25c; 90c per dozen.

Violets

A few plants of this modest but popular favorite should be in every lawn. California single flowers of deepest blue or purple are borne on stems 6 to 12 inches long. Large quantities of this variety are grown for cut-flowers. Splendid for bouquets. 3c each, 50c per dozen.

Princess of Wales

New single violet. This variety is far ahead of any other single violet; hardy, vigorous growth, the plants are wonderfully free flowering, with stems from 10 to 12 inches long; large leaves of a thick leathery texture. The grand single flowers of a true violet blue color that does not fade, are of round, symmetrical form, almost as large as pansies, and of the richest, most delicious fragrance. So large and circular are the flowers that some blooms will cover a silver dollar. Price, 10c each, fifteen for $1.00.

Vinca - Madagascar Perlwinkle

This is fast becoming the most popular bedding plant for the Southwest. The weather never seems to be too hot or too dry for it and, in fact, it seems to flourish best in hot weather. The foliage has always a bright, glossy, healthy appearance, which, in itself, is refreshing to the eye, and the plant is never without an abundance of beautiful flowers from the time it begins to bloom in May or June until killed by heavy frosts in November. This is a plant you can depend upon to produce a wealth of lovely blossoms in any soil and under almost any conditions—it is at home in any position. 10c each, 65c per doz., $1.00 per 100.

Alba Glossy leaves; flowers white; beautiful.

Rosea Rose-colored flowers, with dark eye.

Pink Eye Pure white, with distinct pink eye.
Annual Climbing or Running Vines
Cardinal Climber

We consider this the most sensational climbing vine ever introduced. It is a strong and rapid grower, attaining a height of 50 feet or more, with elegant foliage and literally covered with a blaze of lovely red flowers about 1½ inches in diameter. We feel sure it will become one of the most popular climbers of the future. Plants, 20c each, 3 for 60c.

German or Parlor Ivy

A strong growing climber suitable for large baskets or vases, well adapted for covering trellis work quickly or trailing in the parlor. Leaves glossy green, and flowers yellow in clusters. Price 15c each, 3 for 40c.

Vinca Vine

VINCA MAJOR VARIEGATA More of this used for baskets and vases than any other varieties, a two basket plant. Beautifully variegated green and white foliage and strong trailing habit of growth. 15c each, doz. $1.75.

Box made up of Vinca Vine Pandanum

Moonflower
Ipomoea Grandiflora

These handsome climbers reach the height of twenty-five feet in a very short time, are profuse bloomers and delightfully fragrant. Semi-hardy.

BLUE MOON FLOWER A handsome, quick growing perennial climber. It often flowers in bunches of half dozen. The flowers are trumpet shaped, about four inches across, of a rich violet blue, with five purple rays; grows about twenty-five feet in one season, and is a most attractive climber. Price 15c each, 3 for 40c.

WHITE MOON FLOWER This plant has become very popular, and it certainly is a wonderful annual climber. It grows rapidly and blooms profusely. A very rapid summer climber, blooming the first season. No insects attack the leaf and even if it did not bloom it would be very desirable, because of the beauty of the foliage. The flowers are immense, pure white, sweet scented, five inches in diameter, borne very profusely, and, as they open at night, are very striking. Being a free bloomer, the effect on a moonlight night is charming.

It is a splendid plant for verandas. 15c each, 3 for 40c.

Hardy Thornless Cactus

A great many people in the Southwest have been defrauded by different companies who have offered them a Hardy Thornless Cactus. With this in mind we were very careful in trying out this Cactus here in Dallas before we would offer it to our customers. The valuable feeding qualities of Spineless Cactus have been thoroughly demonstrated to be superior to all other forage plants.

The question is, are they hardy? All other varieties of Cactus ever introduced have proven their utter inability to stand our climate and were all lost by our winter weather. They were nothing more or less than rank growing tropical plants, entirely unsuited to the climate in the freezing belt.

This variety which we are offering was found a number of years ago by P. B. Russell of San Saba, Texas, growing among the Spine varieties, and three years experimenting here has shown us that it is hardy as far north as Henrietta, Texas, having thrived through three winters south of the above named place, and we feel that this is such a valuable forage plant that it is worthy of the most careful investigation. It is a strong and rapid grower, attaining a height of six feet, and very profusely covered with flowers. It is a living silo, producing an amazing tonnage of rich, succulent food for all classes of stock, including hogs and chickens. It is a healthful and fattening addition to mixed rations, increases milk and butter production, utilizes poor soil, but gives rich returns for good treatment. It survives neglect and protracted drought, which are all important in the Southwest. Is it the best emergency plant in existence. The best live stock insurance yet found, improves in yield with cultivation and age.

Cultivation

Spineless Cactus thrives on any kind of soil, rich or poor. "Until it gets a start should be cultivated like other crops." Plant in rows six feet apart, four feet apart in the row. Plant any time from March until October. Needs no irrigation where rainfall averages ten to twelve inches per year; yields from 100 to 200 tons per acre after second year: 500 slabs will plant an acre. Price, 50c per slab, postpaid; 100 slabs $40.00, freight or express prepaid.

Cardinal Climber

Hardy Thornless Cactus
TEXSEED HARDY PERENNIAL PLANTS

Perennial plants are those which live over winter and bloom from year to year, ever increasing in size and beauty. They do not reward the grower quite so quickly as annuals, but are worth waiting for, as among them are found many of our most beautiful flowers.

Cultivation is of the simplest, taking good garden soil as a foundation, enriching it with any good fertilizer, setting the plants early so as to establish them before the hot, dry weather prevails, keeping ground well moistened and stirred. A mulch of any loose material, grass clippings preferred, will assist in keeping the soil moist.

In the fall apply a covering of manure which should be forked early in the spring, beyond which little care need be given.

**ARTEMESIA (HARDY DUSTY MILLER)**

A most beautiful class of plants either for the border or for filling in within the shrubbery. Though not remarkable for their flowers, the foliage of the sorts offered is very ornamental. All of the varieties offered stand cutting down to 6 or 8 inches when used in carpet or ribbon bedding. Price, 10c each, 3 for 40c, $1.50 per doz.

**SUPERB HOLLYHOCKS**

Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on the lawn or for interspersing among shrubbery, they are invaluable. The flowers form perfect rossets of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. The Hollyhock requires a rich, deep soil, well drained, and will not thrive if given more quantity and elegance of bloom any extra care. We grow thousands of the most desirable varieties. They are specially desirable for parks or any other large grounds. Special prices where large quantities are wanted. We offer strong plants of Double and Single flowers in any desired color. Price 15c each, 3 for 40c, $1.50 per doz.

**PERENNIAL PHLOX**

Our friends who remember the old-fashioned Perennial Phlox of our grandmother's garden would hardly recognize the beautiful varieties grown today as bearing any resemblance to them. The improvement has been truly wonderful; instead of the small, dull-hued flowers of olden times, we now have immense trusses, all bright and showy, the individual flowers three times the size of the old varieties, and the colors ranging from the purest white to violet. With Perennial Phlox a show of brilliant flowers can be had from June until November, as they are perpetual bloomers. Perfectly hardy. Choice shades of red, white and pink. Price, 25c each, 3 for 65c, prepaid.

**RUDBECKIA GOLDEN GLOW**

recent production is entitled to rank with single hollyhocks for picturesqueness. In good soil it grows from 4 to 6 feet high, branches freely, and for two months in midsummer is literally covered with its large, bright yellow, double flowers. As a garden or lawn plant it is extremely decorative, and equally so as a cut flower, and is very lasting. A large circular group of it surrounded by the dwarf Rudbeckia Speciosa is extremely effective. Fine clumps, 25c each, 3 for 65c.

**SELECT HARDY PERENNIAL CLIMBERS**

Once established, these beautiful climbers grow more beautiful each year, increasing in size and strength with no attention except more than a covering of rich manure in the fall, spading in the spring. Every home should have one or more of them. They make cemeteries, etc., much more attractive.

**QUINQUEFOLIA (Virginia Creeper)** A strong grower and rapid climber, with rich green foliage, changing to bright red in autumn. The foliage is large and not so glossy as the following. When trained over a building, fastest the stems to the wall in some way, or storms will tear them off. Price, each 20c, 3 for 50c.

**VEITCHII** A hardy Japanese creeper. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive green bownish color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size. Price, 20c, 3 for 60c.

**BIGNONIA**

(Trompet Vine)

For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size.

**GRANDIFLORA** Large flowers of orange-red. 35c each, $3.50 per doz.

**CINNAMON VINE**

This gem of a climber is a marvel of beauty and fragrance. Its rapid growth, abundant foliage and mild, sweet-scented flowers give it supremacy over all other climbers. The handsome, glossy, heart-shaped leaves and clusters of fragrant white flowers, make a veranda or window a bower of beauty. No one should miss planting this beautiful vine. Strong tubers 10c each, 3 for 25c, large size 15c.

**MADERIA VINE**

The Madeira Vine is of rapid growth with dense and beautiful foliage, twining to great height. It grows anywhere, but better in a warm, sunny, sheltered location. It is also a very pretty plant for training around the windows in the house. Strong tubers. Each 10c, 3 for 25c, per doz. $1.00.

**HARDY ENGLISH IVY**

Evergreen variety, largely used for cemeteries, and excellent for covering walls, trellises, arbors, etc. Will stand the most severe plants either for the garden. May also be grown in pots and forms splendid live screen for windows, etc. Strong plants 15c each, 3 for 40c, large plants 25c.

**Mexico, or Mexican Morning Glory**

(IPOMEO PALMATA)

A rapidly growing vine from Mexico, excellently adapted for covering arboros, verandahs, porches, etc. It succeeds in almost any position, bearing fine clusters of large, purpulh rose-colored flowers in profusion. It is tuberous-rooted. The bulbs should be dug up in the fall and wintered like Caladiums. 30c each, 3 for 80c.
SELECT HARDY PERENNIAL CLIMBERS—Continued

Robinson's Beauty Vine
(Antigonan Leptopus)
This new climbing vine of striking and remarkable beauty comes to us from Central America, where it abounds and is said to color the mountains with a blaze of glowing pink. It is a strong, vigorous climber, suitable for covering walls, porches, verandas and fences. It has handsome foliage and is covered with splendid clusters of bright pink flowers during September and October, after all other climbers have ceased to give bloom. It is certainly unequalled in brilliant beauty among climbing vines, and we are sure it will give our customers immense satisfaction. Strong plants, 35c.

Hardy Climbing Sweet Peas
This is one of the most desirable climbing plants, attractive both in flower and foliage, producing clusters of large Sweet Peas the entire summer. As a cut flower it is very valuable. As a porch-climber and for covering fences, it is invaluable and should be in every garden. It is perfectly hardy and will endure severest winters. Field-grown plants in white, pink and red. Small plants 15c each, 3 for 40c, $1.50 per dozen; extra large 50c each, 3 for $1.25, $5.00 per dozen.

Matrimony Vine
A general utility hardy climbing vine that will overcome any obstacle to growth and flourish everywhere. Every new shoot produces handsome purple flowers and later a prodigious crop of scarlet berries, nearly an inch long. Prices, 35c each, 3 for $1.00.

Wistara
Chinese Blue
There is no vine more decorative in its effect than the Wistaria, its long, twining branches bearing great sprays of compound foliage, climbing in graceful, artistic curves even to the top of a tall building, while its charming racemes of dainty light-purple or blue flowers in May sway with every passing breeze. For porch decoration without too much shade they have no superior. Price, 25c each, 3 for 65c.

White
This differs from the Chinese only in color of flowers, which in this are pure white, forming a striking contrast. 25c each, 3 for 65c.

Honeysuckle
The dear old Honeysuckle is never out of place, at the rich man's mansions or the poor man's cottage, hardy, robust, yet lovely vine, it is the chief standby. Price, 25c each, 3 for 65c, 50c per dozen.

Golden Leaved
Marvelously effective, it bears innumerable sprays of the most perfect little leaves that are covered with a network of gold and green, often marked with pink. The gold deepens at the tip of the sprays. A strong grower, with white blossoms. A unique vine.

Halleana
The best white monthly Honeysuckle, with dark green foliage, which keeps fresh and green nearly all winter, and beautiful clusters of the sweetest scented flowers that open a snowy white and turn a pale yellow. These flowers are produced in profusion from early spring to late fall.

Rosea
Evergreen, dark green foliage; young sprouts have pink leaves; flower white with pink.

Chinese Honeysuckle
A showy variety, with purplish evergreen foliage, changing to greener shade at maturity. Flowers white, tinged with purple on outside.
HARDY PERENNIAL CLIMBERS—Continued

The Famous Japanese
Kudzu Vine

Jack-and-the-Bean-Stalk

A vine that will grow everywhere. Flourishes where nothing else will grow, and lasts for many years. The large bold leaves of the brightest green afford a dense shade. Its greatest feature is its wonderfully strong growth, which makes it invaluable for covering arbors, porches, dead or old trees, etc. The Kudzu Vine is a native of Japan, where it is grown not only for the beauty of the plant, but also for the edible value of its roots. The vine is hardy, grows 50 feet, with dense foliage to the ground. Strong roots 25c; 3 for 65c; 3 year old roots 50c.

Clematis

A very ornamental class of climbing plants, particularly suitable for training on porches, trellises, arbors, etc. They grow luxuriantly, have splendid healthy green foliage, and produce an abundance of lovely flowers late in the summer and early fall. Plant them in partially shaded situations, in good, rich garden soil and give the young plants some support by loosely tying them. Our plants are on their own roots and will give best results under judicious treatment.

JACKMANII Produces great masses of large, rich, velvety purple flowers. Very popular. Large size, 75c each; second size, 50c each.

PANICULATA Grows very rapidly, soon reaching a height of 15 to 20 feet. During September the plants present a mass of dainty white flowers, borne in clusters on long stems. The flowers are of a magnolia-like fragrance. One of the most beautiful and satisfactory vines for the South. Large size, 50c each; second size, 25c each.

Summer Flowering Bulbs

The following list of summer flowering bulbs are for spring planting and are the only ones that are especially adapted to the South. They are easily grown, requiring very little attention, and produce the most showy and beautiful flowers during summer and autumn. We have made the price so they will be within reach of the most modest purse and should be found in every flower garden.

DAHLIAS The Dahlia is one plant in which it seems that almost everyone is interested, but which has been somewhat neglected. In Texas, if strong roots are planted early, they can be had in bloom as early as May 1st, and will continue to bloom until winter. Red, White, Yellow and Pink. Price, 50c each, $3.00 per dozen.
SUMMER FLOWERING BULBS—Continued

PEONIES

Adelaide Delaché—Very large, double rose type, pale lilac: strong upright grower; free bloomer. Price, 2-year-old strong roots, 50c each, $5.00 per dozen.

Baron James de Rothschild—Medium size; blooms pale rose with silver shade; growth, medium height, 2-year-old strong roots, 50c each, $5.00 per dozen.

Charlemagne—Large globular rose type, very compact; lilac white, with a slight blush center; fragrant; medium tall, strong stems; free but late bloomer. 2-year-old strong roots, 50c each, $3.00 per dozen.

Duchess de Nemours (Gr.)—Medium size, clear violet lilac center; very early free bloomer. 2-year-old strong roots, 50c each, $3.00 per dozen.

Faust—Flesh rose, fading to lilac white; free bloomer; mid-season. 2-year-old strong roots, 40c each, $4.00 per dozen.

Neé-Plus-Ultra—Flat, medium size; loose, semi-double pale rose. 2-year-old strong roots, 50c each, $5.00 per dozen.

Purpurea—Large compact flower; dark rich purple, very tall; free bloomer. 2-year-old strong roots, 50c each, $5.00 per dozen.

Queen Victoria—Bright rose, with carmine center; medium height; strong free bloomer. 2-year-old strong roots, 75c each, $7.00 per dozen.

Officialis Rubra—Large, globular bloom; dark red. This is the early flowering red Peony so common in the old time gardens, earliest bloomer we list. 2-year-old strong roots, 40c each, $4.00 per dozen.

Rosa Elegans—Medium size blooms of beautiful rose color. Very showy, medium height; free bloomer. 2-year-old strong roots, 50c each, $5.00 per dozen.

Soleil d’Or—Double, golden with a touch of brown. 2-year-old strong roots, 50c each, $5.00 per dozen.

Soleil du Matin—Large, free blooming. 2-year-old strong roots, 50c each, $5.00 per dozen.

Sunrise—Large, flat, yellowish, very showy. 2-year-old strong roots, 50c each, $5.00 per dozen.

Tulipae—Double; blooms open up bright red. 2-year-old strong roots, 50c each, $4.00 per dozen.

Very Popular—Large, globular bloom; dark red. Very showy, medium height; free bloomer. 2-year-old strong roots, 50c each, $5.00 per dozen.

Walking Tall—Large, very showy, very free blooming. 2-year-old strong roots, 50c each, $5.00 per dozen.

White—Large, free blooming. 2-year-old strong roots, 50c each, $5.00 per dozen.

White Semi—Double, large, free blooming. 2-year-old strong roots, 50c each, $5.00 per dozen.

Yellow—Large, very showy, very free blooming. 2-year-old strong roots, 50c each, $5.00 per dozen.

Yves Chicken—Large, globular bloom; dark red. Very showy, medium height; free bloomer. 2-year-old strong roots, 50c each, $5.00 per dozen.

Zéphir—Large, free blooming. 2-year-old strong roots, 50c each, $5.00 per dozen.

Caladiums

German Iris

Blooms earlier than Japan Iris. This variety is the true “Fleur de Lis,” the national flower of France. They are perfectly hardy, thrive anywhere, deliciously fragrant and fine for cutting. In beauty the flowers rival the finest Orchids, the colors ranging through richest yellow, intense purples, delicate blues, soft mauves, white and bronze of every imaginable shade.

15c each, 2 for 25c, $1.50 per dozen.

Japan Iris

The magnificence of these new Iris surpasses description. The flowers are of enormous size, averaging eight to ten inches across, and of indescribable and charming hues and colors, varying like watered silk in the sunlight, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue; each flower usually representing several shades, while a golden-yellow blotch, surrounded by a halo of blue or violet, at the base of the petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy and flowers in great profusion in July and August.

25c each, 3 for 50c, $2.50 per dozen.

The White Calla or Lily of the Nile

This is one of our most highly valued house plants for winter and spring bloom. It should be dried off and kept dormant from the middle of June until September, then potted in good, rich soil in four or five-inch pot and given plenty of heat and moisture. Price, 20 cents each.

Festiva Maxima—The most popular of all Peonies—Very large, globular rose type. Pure white center flecked with crimson; outer petals sometimes faint lilac. Very tall, strong, vigorous grower. Early 2-year-old strong roots, 50c each, $5.00 per dozen.

Special—We have to offer mixed colors (our selection), all good varieties. 2-year old strong roots, 35c each, $3.50 per dozen.

Caladium Esculentum

(Elephant’s Ear)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 6 to 10 feet high, and bears immense light-green leaves, 3 to 4 feet long by 2 ½ feet wide. No. 1 $1.50 each, No. 2 $1.00 each, No. 3 50c each, No. 4 35c each, No. 5 25c each. Write for prices on large quantities.
Texseed Imperial Gladiolus

These are the most attractive of all summer flowering bulbs, succeeding in any position. They grow in the most luxuriant manner in the South, and should be in every garden. We have made our price very low so as to place them in reach of the most modest buyer. Plant in open ground February, March and April. Plant 8 inches apart and cover about 3 inches deep.

Texseed New and Rare Gladiolus for 1918

PEACE Pure white with a delicate lilac edging on the inferior petals. The flowers are unusually large, and borne on a strong upright spike. Excellent for cutting. 50c each, $5.00 per doz.

LOVEFIRE Brilliant Red, long spikes. Price, 25c each, 3 for 65c, $2.50 per dozen.

Panama Deep Pink. Price, 15c each, 3 for 40c, $1.50 per dozen.

Lily Lehmann White, tinged with Rose. Large Flowers. Price, 10c each, 3 for 25c, 75c per dozen.

Baron Hulot Deep Indigo Blue. Price, 10c each, 3 for 25c, 75c per dozen.

Niagara Soft Primrose Yellow tinged with Pink. Price, 15c each, 3 for 40c, $1.50 per dozen.

Liberty Yellowish White. Price, 15c each, 3 for 40c, $1.50 per dozen.

Snow Bird Purest White. Price 20c each, 3 for 50c, $1.75 per dozen.

Texseed Regular Superb Varieties

America Very vigorous and easily grown Gladiolus; produces erect spikes from two to three feet long, with a great number of large spreading blossoms of an exquisite soft lavender-pink, almost tinted white. Very beautiful; grand stock. 5c each; 50c per doz.

Attraction Deep crimson, with white center and throat. 5c each, 50c per dozen.

Texseed Special Gladioli Collection

25 Bulbs All Colors Best Varieties Postpaid 75c

Tuberoses

Variegated Leaved or Orange Flowered The leaves of this variety are distinctly striped with white and green. Each bulb frequently throws up two or more spikes, three to four feet high, with 20 to 40 pure white single flowers, much like orange flowers, with a pleasant perfume. 10c each, $1.00 per dozen.

Excelsior Pearl Double white; dwarf. 6 for 25c, postpaid.

Mexican Everblooming The most beautiful single Tuberoses that was ever brought to our attention. It begins to produce its fragrant flowers in June and blooms continually until frost. Plant them in good soil and water them occasionally during extreme warm weather, and an abundance of lovely flowers will be the reward. In the southern part of the state the bulbs may be left in the ground all winter. 6 for 25c, dozen 50c.
SUMMER FLOWERING BULBS—Continued

Large Flowering
Cannas

The Cannas is the South's most desirable flower. They thrive well in all sections of the country and are very handsome in any sunny position in all kinds of soil but best results are received by giving them liberal treatment. The bed should be spaded two or feet deep with a six-inch layer of well decayed manure of any kind thoroughly mixed in. Water freely at all times. They are especially desirable when planted in large masses, planting the bulbs two feet apart. Prices, except where noted: 15c each, 3 for 40c, $1.75 per doz.

New Varieties for 1917

MRS. KATE GRAY A choice new large orchid flowering variety of fine form. Color, a deep pink. Orange softly shaded with salmon-pink. Height 5 feet. Price, 20c each, 3 for 50c, $1.75 per doz.

FLAMINGO A dazzling effect in crimson scarlet; the immense flower heads are borne on long, firm, upright, torch-like stems well above the rich green foliage. This absolutely is the handsomest Canna that has ever been offered. Price, 20c each, 3 for 50c, $1.75 per doz.

CRIMSON BEDDER The brightest crimson variety ever yet introduced. The blossoms, extra large, often measure 4 to 6 inches across and borne in great clusters. An entirely new variety, extremely beautiful and different from any other yet grown. Beautiful green foliage, 6 to 7 feet in height. Price, 20c each, 3 for 50c, $1.75 per doz.

Pink Flowered


L. Patry—Flower a salmon-pink, with faint touches of yellow, with long and rather narrow petals. Green foliage. Height 4 feet.

West Grove—Moderately large flower, but very large truss of a soft, lovely carmine-pink. Strong grower, very popular. Green foliage. Height 4½ feet.

Shenandoah—Rather small salmon-pink flowers, borne many in a truss, and red Bronze foliage. This blossoms finer in cooler weather. Height 4 feet.

Yellow Flowered

Burbank—The color is a pure, strong canary-yellow, with some red spots in throat; a beautiful shade. The flower is often 4 to 5 inches across and they are profuse bloomers. Green foliage. Height 3 feet 6 inches.

Austria—Color of flowers pure canary, but with few traces of small reddish-brown spots in the center of the two inside petals. Green foliage. Height 3 feet.

Florence Vaughan—The most famous of all Cannas. It still remains the best type of new Canna. The flowers are rich golden-yellow, thickly dotted with bright golden-red. Green foliage. Height 5 feet.

Buttercup—Dwarf Canna of sturdy habit, bearing large flowers of waxy, pure "buttercup" yellow. Green foliage. Height 3 feet.

Red Flowered

King Humbert—New, kingly in every attribute. Large, heart-shaped leaves of purple, redder-brown over bronze. Colors, velvety orange-scarlet, flecked carmine. Height 4 feet.

William Saunders—A gorgeous bronze-leaved variety. The flowers are of a bright crimson-scarlet, often measuring 5 inches across, and are produced in large trusses. Height 4 feet.

Louisiana—Flower a deep, vivid crimson. The flowers have a crinkly edge and always a silky sheen. Green foliage. Height 5 feet 6 inches.

Uncle Sam—Flowers scarlet-red, very striking and large in size; a gorgeous Canna. Height 6 feet.

Prince Wale—Color a rich shade of scarlet, a large flower and large truss. Height 5 feet.

Charles Henderson—A favorite crimson variety; 3½ feet high. Green foliage.

Pennsylvania—The flowers are often 7 or 8 inches across, with petals 5½ inches broad. Flowers deep scarlet color; very profuse bloomer; 6 feet. Splendid habit and foliage.

White Flowered

Moonlight—Bears a large truss of medium sized flowers. Color creamy-white, green foliage. Height 4 feet 6 inches.

Yellow-Spotted Flowers


Red and Gold Flowered

Mme. Gilly—A bright vermillion, with gold border; medium size flower, but large truss and very handsome. A strong grower and profuse bloomer. Green foliage. Height 2 feet 6 inches.

Marigold—Flower a bright scarlet-red, edged with gold on inside of petal and yellow streaked with scarlet on outside. Medium sized flower, but large, full trusses, which often hang down, they are so heavy. Luxuriant grower and bloomer. One of the finest Canna for a striking effect. Green foliage. Height 3 feet 6 inches.

Orange and Gold Flowered

Allemanii—A scarlet-orange flower spotted with golden-yellow; very handsome and striking. Large flowers, often 5 to 6 inches across; growth luxuriant and profuse bloomer. Green foliage. Height 4 feet 6 inches.

Plombeau—Flowers a glowing, fiery, vermillion-orange, edged with golden-yellow and same color in its throat. The flowers have wavy edges and an effective habit of lying out flat. Green foliage. Height 4 feet 6 inches.

Canna Beds

Many of our customers write us in regard to the number of Cannas that it requires to fill a bed of certain dimensions. In answer to this question, we offer the following suggestions: Plant Cannas about 18 inches apart each way; the tall varieties for the center of bed, and the dwarf growers for the border. For a round bed, 7 feet in diameter, it would take 19 plants.

Notice! Special Rose Collection Page 106
ROSES

Own Root Field Grown Bushes Specially Prepared for Winter and Spring Planting

While all of our old customers know the quality of Rose Bushes we send out we would like to direct special attention of those whom we have not yet had the pleasure of serving, to the manner in which these Bushes are prepared. All of our two and three year old Own Root Bushes listed on the following pages are field grown plants that have been cultivated in our fields during the past growing season. After having sufficient frost to insure safe transplanting the bushes are very carefully dug, tagged and pruned; then planted in cold frames or healing grounds where they are very carefully attended in order to stand shipment best. The fact that all of our Roses are healthy and strong is accounted for by the ideal conditions at our nursery. Roses are probably the most popular flower of today and with this fact in view, we have continually enlarged our collection in variety and number until at present we are better prepared than ever before to supply all needs. The list here offered embraces the finest varieties of Roses specially adapted to winter and spring planting in the open ground. The plants are thoroughly acclimated, perfectly hardy, and sure to give satisfaction.Texseed Own Root Roses can be set out from November until Spring. If you want the best and most satisfactory Roses, this is your opportunity. These Roses like trees make roots during the winter, hence winter planting in the South always gives splendid satisfaction. We ship them with perfect safety and guarantee safe arrival true to name and to be as represented.

We prepay charges, so please do not confuse our prices with those growers who do not prepay charges. We have adopted the plan of prepaying charges in order that our customers may avoid excessive overcharges of transportation which so frequently happens.

Prices—1 year plants 30c each, 3 for 50c, 1 doz. $1.75. 2 year extra heavy field grown plants 50c each, 3 for $1.35, 1 doz. $5.00. 4 inch pot plants 35c each, 3 for $1.00, 1 doz. $3.75. All prepaid except 4 inch pot plants. We ship 4 inch pot plants with all soil on roots by express collect. If wanted by Parcel Post remit 5c per plant extra.

4 INCH POT ROSES—This is the size bush you receive when your order is placed with Northern or Eastern firms. We are prepared to furnish our customers who prefer them to field grown plants, or to those who are not prepared to set out large plants until after the usual season has passed for planting two year old bushes. The only varieties that we can furnish are priced in general list of Roses.

DISEASES OF ROSES

The most common troubles with roses are mildews, which cause the leaves to curl and become covered with a white substance which is injurious to foliage and retards blooms and growth of plant, and black spot on the foliage of many varieties. We have prepared a formula under the direction of the State Department of Agriculture, which, if applied properly and at the proper time, that is, when the foliage first commences to grow, will remedy both of the above diseases.

Price 50c per bottle, sufficient to make 10 gallons of solution. 
Mix 1 pint for applying liquid solution, pint size 35c postpaid, quart size 50c postpaid. Full directions accompany each bottle.

Roses are also attacked with Aphis, a small green louse, which completely saps the plant and ruins it if not promptly checked. Tobacco Dust will relieve the bushes and other plants and vegetables of this pest. Price, 20c per pound.

FOUR INCH POT ROSES

Don't fail to notice on page No. 104 our remarks on Four Inch Pot Roses. Many customers desire to set out roses after the usual season is past on account of improving their grounds late in the season. We have made special preparations to meet this demand with our specially prepared pot roses in 4-inch pots which may be successfully planted any time during Spring, Summer and Fall and will give uniformly satisfactory results. Price 35c each, $3.50 per dozen prepaid. Ready March 10th.

American Beauty

Complete Cultural Directions Sent on Request
**Advantage of Own Root Roses over Budded Roses**

If you want the best Roses, don't be misled into buying Budded or Grafted Roses. This type of rose seems stronger than "own root" roses that one is apt to be deceived into buying them, and yet, it is definitely disappointed in. The Budded or grafted rose bushes are produced by taking a bud from the original plant and inserting it under the bark of the wild Manetia and binding it with great care. The first year it makes a vigorous growth of soft wood and probably will produce some blooms, but the second year the wild root shoots up wood that will not bloom and does not even make an ornamental plant, sapping the life from the top, which usually dies. It costs much less to grow budded roses than to grow your own plant there is no cheap stock which will cause you more disappointment. We repeat, be sure that you get your own root roses, which are the only kind we grow.

**Four Inch Pot Grown Own Root Roses for Late Spring Planting**

These plants are grown under glass in cold houses during the winter, making them semi-dormant so that it is perfectly safe to plant in open ground after March 15th and as late as August. WE CAN NOT RECOMMEND TOO STRONGLY THESE 4-INCH POT ROSES FOR LATE SPRING AND SUMMER PLANTING. They will give you an astoundingly showy display immediately after being set out. These plants are well established by fall and make good roots through the winter, coming into full bloom the following spring. Four-inch pot roses are ideal for planting with which ensures safe transplanting. We offer 4-inch roses in all varieties found in general list of roses on the following pages. Do not fail to try a few.

**General List of Texseed Own Root Roses**

4-inch Pot Roses are not prepaid and will be shipped in paper pots by express collect. If wanted by Parcel Post remit five cents per plant extra. Note—4-inch Pot Roses are shipped with all soil on the roots. Prices, 3c each, 3 for $1.00, doz. $3.75.

*Crimson American Beauty*—The popular Perpetual Bloomer, is well known as one of the grandest blooming Roses we have; makes splendid buds and magnificent, large blooms. Color, dark rich crimson, exquisitely shaded; true perpetual bloomer, bearing flowers all through the season.

*André Gannon*—A very vigorous grower of erect, branching habit; fine bronzy foliage, with long, finely shaped buds; the flowers are large, full and globular, upon rigid and strong stems. Color, deep rose and carmine, deeper on the edges.

*Antoine Rivière*—A new rose of much merit and value for garden culture; a handsome, clean and vigorous grower and profuse bloomer. Color, rosy-flesh and ivory, on a yellow ground, often shaded with a border of carmine; flowers of extra large size, delicately formed.

*Alexander Hill Gray*—It is wonderfully floriferous, every shoot being crowned with a flower bud, which develops into a bloom of very large size, great substance and rich crimson. Color, with high pointed center from which the petals gracefully reful. The best and largest pure Tea Rose you can introduce. 

*Aurora*—One of the best of all Hybrid Tea Roses. Color, clear, bright pink, full and double to the center. The most fragrant of all roses. We think this as fine a rose as we catalogue.

*Arthur Goodwin*—Coppery orange-red, passing to salmon pink, as the flower opens; a superb combination of color. Flowers medium to large and full; vigorous and free branching; should prove a valuable and showy bedder.

*Baby Rambler*—New Dwarf, ever blooming Climbing Rambler. It is in bloom all the time; flowers in large clusters of bright crimson. It grows to a height of 15 inches and hides the plant when it blooms.

*Bridesmaid*—The most popular pink Tea Rose. Thousands of this variety are grown every year for our catalogued beds and are desirable for summer bedding out of doors. A delightful shade of bright pink.

*Bessie Brown*—A rose of transcendent beauty and one of the largest and fullest that we have ever seen; it is erect and vigorous in growth; flowering profusely all through the summer. Color, pure white, sometimes faintly flushed pink.

*Bridal*—A pure white rose of perfect form and fine size. The buds are large and pointed; the flower is so fully and delightfully scented.

*Duchess of Albany*—Also called Red La France. A lovely shade of deep rose or pink. Superb in every respect.

*Clothilde Sonpert*—Known the world over as one of the very best of all bedding roses. A strong, dwarf grower and profuse bloomer, producing clusters after clusters of the finest formed flowers. Full and double, and deliciously sweet. The color effect is beautiful—ivory-white shading towards the center very silvery rose.

*Dean Hole*—One of the handsomest of the Hybrid Teas, growing into a stout, vigorous, hardy bush, bearing all summer great numbers of gorgeous, silvery carmine roses with salmon shadings. The coloring is distinct and unique.

*Duchess de Brabant*—Combines exquisite perfume, beautiful coloring and a stiffness of both flowers and foliage. Soft light rose, with heavy shadings of amber and salmon. Quite hardy.

*Étoile de France*—It is a strong, vigorous-growing sort, with handsome, bronzy-green foliage. The flowers are borne on long, stiff stems, and are very fragrant, of clear, violet crimson, and keep well after being cut. As a bedding rose and for planting in masses it has few superiors, and as cut flower it will be appreciated on account of its color and free-blooming.

*Étoile de Lyon*—One of the best and most beautiful yellow Tea Roses for general planting; may be had in bloom the entire year by proper treatment. The flowers are of good size, deep, full, very sweet, yellow, bronzy green.

*Gross am Teplitz*—As a bedding Rose this is one of the finest and most useful varieties we have ever sent out. The color is rich, with golden yellow shading; very fragrant. The finest grower and the most profuse bloomer of any ever-blooming Rose. A queen among scarlet bedders.

*General Meacham*—Color, crimson, varietal, well formed; very fragrant; strong grower; thrives anywhere.

*Hadley*—Deep crimson, well formed beds, very fragrant, rapid grower; long stems.

*Heather*—Yellow Cochet (Yellow Cochet)—Hardy free bloomer, a true grower, making a shapely, compact bush, flowers of good size, of splendid substance and lasting; color copper-yellow to deep amber-yellow, changing to lemon-yellow in outer petals, making a pretty and striking combination.

*Helen Gould*—The Sensational Rose. This is probably the most beautiful and satisfactory Rose for general planting ever introduced in America; grows on wood of its own self to be the strongest growing and freest blooming in our field.

*Jonkhey J. L. Mock*—Color, bright, rich pink, enormous size, stiff stems, strong grower.

*Kaiserin Augusta Victoria*—This seems destined to become the leading white Rose in cultivation. We have white roses with great results, but the blom flowers are not so handsome. Again, we have white roses, elegant when full-bloom but with poor buds. This rose combines both these good qualities and is a distinct improvement. Producing a strong, robust plant, producing successive crops of buds and flowers in the greatest profusion. The buds are beautifully formed. Color pure snowy white; very fragrant and a vigorous grower.

*Killarney*—This is, perhaps, the best known of Hybrid-Teas, and is one of the most popular of our garden Roses, and also one of the most robust. Flowers appear in clusters, each with a center of deep yellow, with a center of deep yellow, and as free flowering as any rose we know. In color it is a sparkling, brilliant pink; the blooms are large, the buds long and pointed, the petals very large and of great substance, and just as handsome in the full-bloom flower as in the bud form.

For Prices on Roses see page 103.
Lady Hillingdon—A deep shade of yellow which does not easily fade. Everybody can grow it and have it in quantity. Pretty, narrow, thin foliage. Quite free in the production of flowers.

Lady Pirrie—A delightful garden Rose of very distinct coloring. Stands at the top of the "Pirrie" like Don Silken. The outer petals are deep-salmon; inside apricot, flushed fawn and copper. An ideal variety for bedding. Color, freedom of growth and abundance of bloom are bound to put this rose in the very forefront of garden flowers. A thoroughly splendid and graceful. Very free in the production of flowers.

La Detroit—Clear, flesh-pink, shading to deep rose; fine broad shell-like petals; very full and deliciously scented. A vigorous grower and abundant bloomer.

La France—One of the most beautiful of all Roses, and unequalled by any in its delicious fragrance. Flowers very large, double, and superbly formed. The prevailing color is light silvery rose, shading with silvery peach, and often with pink.

Mad. Caroline Testout—Probably no Rose stands higher in public estimation than La France, and when we say that this elegant new Rose is a close rival to the last, we have reason to believe its being planted by a vast number of people. It is decidedly more beautiful and more brilliant in color and a larger flower, and it is as good in other ways. Col. B. J. Kruger.

Mme. Cecile Bertoil—Most beautiful, both in bud and flower, which is deep golden yellow. In fact, the deepest yellow in color of any rose we grow. The foliage is very bright. This is a Rose of magnificent size and color.

Maman Cochet—A vigorous grower, with beautiful foliage. In bud long and shapely, borne on stiff stems. It is of the largest size, and the flower is built up rounded, and very double. The color is a deep rose pink, the inner side of the petals being a silver rose, shaded and touched with golden yellow. Pronounced to be the finest Rose by far that has been introduced from France.

Meteo—Flowers rich, dark velvety crimson; plant strong, stands at the top of the "Pirrie" like Don Silken. The outer petals are deep-salmon and flowers larger and more double. The richest colored ever blooming Tea Rose yet introduced; very distinct, grows and blooms in remarkable profusion outside as a bedding Rose.

Mme. Segon Weber—The most desirable rose of its color in our collection. It is a vigorous grower, free flowering, large, perfectly formed, cup-shaped, fragrant flowers of marvelous beauty. In color it is of that soft shade of slightly salmon-pink which appeals to everyone.

Madame Jenny Gillemont—Another introduction of great value and worth, which we are much pleased to offer our friends. Upright habit; foliage distinct, bushy, and very free from disease; a prolific bloomer; buds long, extremely handsome; moderately full; free from blight; color, deep salmon-yellow with golden shadings.

Magna Charta—Extra large, full flowers, very double; of fine form and sweet; color clear rosy red; beautifully flushed with violet crimson.

Mlle. Francisca Kruger—It is closely allied to Catherine Mermet, and resembles it in everything save color. In its shading of deep coppery yellow, it stands unique and distinct from all other Roses.

Mrs. Aaron Ward—Of recent introduction from France. The coloring is a story which cannot be satisfactorily told in words. During the season—and at times on the same plant—has been seen the most beautiful rose. From creamy yellow to the deepest copper and golden, Flowers of medium size and fullness; handsome buds.

Jacqueline is produced by Robert Waddell. An attractive colored variety that meets with universal favor, a delicate, soft, rosy salmon, suffused with a golden sheen; flowers of medium size, extremely beautiful in half expanded form, and this flowering garden variety that should be in every collection.

B. B. Cant—A splendid, hardy, everblooming Rose. This variety is remarkable for its robust habit and the profuse manner in which it blooms. The flowers are of medium size and of a beautiful deep rose color on the outer petals, quite red in some cases, while the inner petals are soft silvery rose, buff at the base; a healthy grower, free bloomer.

My Maryland—A grand cut flower bedding Rose, with the general habit and coloring of Killarney, but showing a more decided rose pink. Good free-branaching, clean-foliaged sort of the practical type which gives flowers all the time.

P. R. Patte—A distinct, free growing variety with large, handsome flowers, which are produced very freely on stout, stiff stems, of perfect form and highly tanscented. The color is creamy-buff, the back of the petals being a delicate warm pink; as the petals reflect the color becomes light orange-pink, forming a most charming combination.

President Taft—This Rose was raised in Cincinnati, the home of President Taft. It is without question the most remarkable of all pink Roses. It is produced by an intense color and size, and is only produced by the other Rose. It is a fine grower, free bloomer, good size and form, and a charm of itself by its color.

Perle de Paris—New, but one of the most beautiful deep yellow Roses in existence. Makes grand buds, open flowers are extra large, perfectly double and deliciously sweet; the color of pure, rich, golden yellow, the plant is a healthier grower and constant bloomer.

Souvenir de Pierre Notting—Long budded and fully double flowed, the open bud showing a delicate coloring of clear yellow, shaded with apricot in the Carmine rose.

"Souvenir" De La Malmaison—Produces the most perfect flowers in the hottest weather. Its rich, fresh, flesh pink colored flowers are of perfect form and substance to withstand our hot, dry summers.

Sunburst—A vigorous and healthy Rose, with long pointed buds and splendid flowers, which are produced on strong, upright stems. The color is an intense orange-copper and golden yellow, extremely brilliant in sunlight.

William R. Smith—Creamy white with shadings of pink; a seedling from Maman Cochet and Kaisern August Victoria; beautiful in form and foliage; long, stiff stems; vigorous in growth; a superb summer bedding and hardy.

Mme. Constant Soupert—A rose of brilliant yellow in color, suffused pink; petals are very large and of perfect form, and hold a long time in perfection.

Radiance—America contributes this great new Rose, and in every particular gloriously formed flowers, immense in size, exquisite fragrance, grand foliage, healthy growth, color and freedom of bloom. In color of flower it is both unique and beautiful—bright carmine rose with opal and coppery reflections.

FOR PRICES ON ROSES, SEE PAGE 103
ROSES—Continued

White Killarney

Wellesley—Color is a beautiful shade of pink, the outside of the petals being bright and clear with a silvery reverse. It is a very vigorous, healthy grower, carrying the flowers on long, stiff stems which are clothed with heavy dark green foliage. It is remarkably free-flowering and possesses unusually fine keeping qualities.

White Baby Rambler—As deliciously tinted and as full of clusters as any Polyantha Rose. Its pure white flowers are perfectly double, and bloom with the unceasing freedom of the reds and pinks of this class.

White Killarney—A pure white sport of the popular Killarney Rose, identical in every way with its parent, excepting in color, which is pure white.

White La France—This is really a beautiful Rose and most desirable, but if you expect a pure white Rose you will be disappointed. It is identical with La France, except in color, which is pearly white, sometimes tinged with fawn. This is one of the most striking and beautiful Roses to be found on our grounds.

White Maman Cochot—This American sport of the grand French variety is very likely to prove the best of white bedders, wherever outdoor Roses are grown. Maman Cochot is a favorite; it is so extremely large, rounded and full. All this can also be said of the White Sport.

White Malmaison—This Rose has our highest commendation. It is a vigorous grower with large, fine foliage, and is one of the loveliest of all Roses. The color is pure waxy snow-white; the center of the flower has a lemon tint, just enough to brighten it, and to those who desire a fine double Rose when fully expanded, this will meet your wants, as it is very beautiful when fully blown.

Hardy Hybrid Perpetual Roses

For Permanent Outdoor Planting—Selected for Those Who Want Roses That Will Stand the Severe Climate and Give Satisfaction in Blooms.

This class of Roses are not ever-blooming in the sense that we of the South understand them, but are recommended for their hardiness and immense fragrant flowers.

Black Prince—Much sought after because of its splendid dark crimson flowers, which are shaded so deeply as to be almost black; cupped, large, full, fine shaped.

Dinsmore—Constant and profuse bloomer, which begins soon after planting and continues all through the season. Flowers are large and perfectly double; color, rich crimson scarlet; very showy and handsome, and delightfully fragrant.

General Jacqueminot—A celebrated and much sought for variety, shaped buds and handsome blooms of bright, shining crimson, rich, brilliant, velvety and fragrant. Everybody knows and wants the “Jack” for its all-around good qualities.

Madame Charles Wood—Bright, fiery red; a generously large Rose, very double, full and fragrant; handsome, showy and a constant bloomer throughout the season. A magnificent and deservedly favorite, hardy variety.

Mme. Masson—Bright red; highly perfumed. One of the most showy Roses on our list and a great favorite.

Paul Neyron—We ask special attention to this grand Rose, the flowers are immense; probably the largest and finest Rose; bright shining pink, clear and beautiful; very double and full; finely scented; blooms the first season, The Rose for home growing; very hardy.

Ulrich Bruner—Rich, glowing scarlet crimson. The Rose for home growing; very hardy and a delightful color. One that is sure to please every Rose lover.

FOR PRICES ON ROSES, SEE PAGE 103.
ROSES—Continued—Texseed

Many new and beautiful varieties have recently been offered in this grand family of roses. They grow in the South in the greatest luxuriance. Those embraced in the following list are hardy, free blooming and are of a variety of colors. They are used in covering trellises and pergolas, for shading verandas and hiding unsightly buildings.

Climbing Kaiserin—The greatest of all white climbers. It is hardy, a strong, rapid grower. The flowers are extra large, full, deep and double, and are produced on long, stiff stems throughout the season.

Tansendschen (Thousand Beauties)—A Rose producing on the same bush so many different colored flowers that it is impossible to describe or even picture the variations. The colors run from delicate balsam or tender rose through the intermediate shades of bright rose and carmine, with white, yellow and various other delicate tints showing. A strong grower, impervious against mildew, absolutely hardy. For climbing over porches, single specimens of pyramids, it will please you from the day you plant it.

Climbing Clothilde Soupert—New and one of the finest hardy, ever-blooming Roses ever introduced. A strong, vigorous grower; perfect bloomer, loaded with large, perfectly double flowers the entire season; color, rich creamy-white, finely tinged with amber-rose; deepening center to bright red.

Climbing American Beauty—A seedling from American Beauty with Wichuriana and Tea blood in its veins. Same color, size and fragrance as American beauty, with the addition of the climbing habit, good foliage and better blooming qualities. One plant of this new Rose will produce more class of profuse blooms than the old American Beauty, besides blooming occasionally during the summer; blooming 3 to 4 inches across, has proved perfectly hardy and stands heat and drouth as well as any Rose in our collection.

Radiance

Climbing Helen Gould—Probably no red Rose has held its place secure in the hearts of Rosarians for so long a period as has the beautiful Helen Gould. We have now the pleasure of introducing this famous Rose in climbing form. Everybody is familiar with the warm, watermelon-red color of its charming flowers. This is a grand climber. Be sure and try it.

Climbing White Maman Cochet—If there is one Rose that stands out in the affections of the people more than another it is White Maman Cochet. We grow many thousands more plants of White Maman Cochet than any other variety. Here we have a climbing form that will become as popular as a climber as its parent has as a Bush Rose.


*Crimson Rambler—Lovely shade of crimson. Succeeds everywhere and is particularly hardy. A rapid grower, making strong, heavy runners, 10 to 20 feet long, in one season. The flowers are produced in large clusters and are fine for bouquets or decorations of all kinds.

FOR PRICES ON ROSES, SEE PAGE 103.
New and Rare Tested Roses for 1918

In the following list you will find our Collection of Novelties, all of which have been tested and found well adapted to our warm climate. Many northern firms give glowing descriptions of new roses without regard to the section in which they are to be grown, and sore disappointment comes to southern customers from this source.

We have only a limited supply of these grand New Varieties, therefore ask that orders be made early and the plants will be shipped when in proper condition, in the spring. We call your special attention to the fact that all of these New Roses are grown on their own roots, which are the only kind you should buy for the best results. Read what we say about our own Root Roses on page 103.

**MME. EDOUARD HERRIOT (DAILY MAIL) Hybrid Tea.** The plant is a strong, vigorous grower, of spreading, branching habit, with numerous long thorns and brassy-green foliage. Buds are small, shaded with yellow at the base, the open flowers of medium size, semi-double, are of a superb coral-red, shaded with yellow and bright rose-scarlet. *Price*, 1 year, 25c each, 4-inch pot, 40c each, 2 yr. field grown, 60c each.

**TIPPERARY** This is an Irish rose, a seedling of Mrs. Aaron Ward, which resembles in foliage though not in habit, for it makes long, slender stems in a very short time, many of them to a plant, and every one tipped with a yellow flower. The bud is slender and sharply pointed and opens into a full rosette as Ward does. It is an improvement on Ward in its steady production of bloom throughout the season. *Price*, 1 year 25c each, 4 inch pots 50c each.

**SENEATEUR MASCARAND** An amber yellow Hybrid Tea Rose, the color of the yolk of an egg, toning to a high sulphur yellow. Large, full, globular blooms, every free bloomer. Blooms of large, perfect shape. Perfectly hardy. *Price*, 1 year 25c each, 4 inch pots 40c each, 2 year field-grown 60c each.

**RED RADIANCE** (Hybrid Tea.) No Rose has yet equalled, certainly none has excelled Radiance as a garden Rose, with all points taken into consideration, such as hardiness, freedom of bloom, vigorous growth and character of bloom. In Red Radiance we have an exact replica of its prototype, Radiance, except in color and bud. The color is a beautiful shade of clear red, without a trace of any other color, retaining its vivacity for an unusually long time after being cut. It is a remarkable bloomer, bearing freely its large, soft, velvety flowers. Hardy everywhere. *Price*, 1 year 30c each, 4 inch pot 50c each, 2 year field-grown 75c each.


**OPHELIA** This new Hybrid Tea Rose has the brightest future, in our estimation, of any Rose introduced for the last quarter century. The color is one so difficult to describe that any description can only be a partial one, and gives but a faint idea of the superb beauty and richness of the shades. Salmon flesh, shaded with rose. Buds of unusual attractiveness, opening full and double. Habit excellent, growth strong, produces flowers on long stems, well up above the foliage, and in great profusion all summer. Hardy in almost all localities. Grand for forcing or outdoors. *Price*, 1 year 30c each, 4 inch pot 50c each.

**OLD GOLD** (Hybrid Tea.) In bud form this Rose appeals to everyone on account of its wonderful color, which is entirely distinct from and not found in any other Rose, a vivid orange-red, with coppery-red and apricot shades, opening bright salmon, and which is further set off by the healthy, glossy, bronze-green foliage; delightfully fragrant; a vigorous grower and very free-flowering. A great bedder. Awarded gold medal National Rose Society of England. *Price*, 1 year 25c each, 4-inch pot 45c each.

**RICHMOND** The most gorgeous Rose we have ever seen—no other variety can compare with it. In form and fragrance of flower it is simply superb. Wonderfully free blooming, its immense fragrant, scarlet-crimson flowers are borne on long, stiff stems, making it a rival of American Beauty, and even more dazzling in appearance. Considered the standard deep Crimson Rose in the florists' shops, selling at all times for high prices. In the garden its flowers are as fine as those grown in the greenhouses. Perfectly hardy. *Price*, 1 year 25c each, 4-inch Pot 45c each.

**TIP TOP (BABY DOLL)** This delightful little rose is an everblooming Polyantha and falls into the baby rose class. The color is absolutely new and quite unusual in its brilliance—Golden Yellow tipped with clear bright Cerise. The little buds and blooms are perfect in form. *Price*, 1 year 25c each, 4 inch pots 45c each.
CHOICE ORNAMENTAL SHRUBS

Prices are prepaid, either parcel post or express. Do not confuse our prices with those who do not prepay. Our plants will cost you less money, as you are often robbed on express charges.

ABELIA GRANDIFLORA After thorough test in different sections of the South we find this one of our most beautiful evergreens when planted in a half shaded position. The graceful drooping stems are covered with dark glossy leaves and produce an immense quantity of tubular shaped white flowers about an inch long, borne in clusters from the middle of May until frost. During the growing season, it is advisable to pinch off the ends of the shoots—this will make the bush dense and compact. This plant is very valuable for single specimens for groups or for a hedge. Price, large plants, prepaid, 75c each, or 3 for $2.00.

ALTHEA The flowers are brilliant and striking in color; grows from 9 to 12 feet high when matured. They bloom during August and September, when few other shrubs are in flower; splendid for hedges or single specimens. Price, Double White, 40c each; $4.00 dozen; Double Rose 40c each; $4.00 dozen; Single White 40c each; $4.00 dozen; Single Pink 40c each; $4.00 dozen.

BUDDLEA (Butterfly Bush.) Clusters of large, sweetscented flowers, measuring 12 to 18 inches in length, closely resembling a lilac in color and general appearance, but continues to bloom all summer in great profusion and until after the first frost. It is a vigorous growing, hardy shrub, and when better known is certain to become as popular as the hardy Hydrangea for shrubberies. Without doubt the very best shrub of recent introduction. Price, Pot Plants 25c each, $2.50 per dozen; large Field Grown Plants 50c each.

CREPE MYRTLE This beautiful shrub is to the South what the lilac is to the North, only is a more profuse and lasting bloomer, remaining in flower from early summer until frost. It is hardy as far north as southern Kansas. The flowers bloom in great clusters of delicately fringed panicles. Makes a charmingly beautiful hedge or single specimens. Grows 10 to 15 feet high when fully matured. Every lawn should have this excellent shrub. Red, white, pink, purple. Price, 40c each, dozen $4.00.

CALYCANTHIS This is the old garden favorite, sweet-scented shrub. Beautiful foliage with sweet-scented flowers, which, held in the hand until warm, give out a most delightful fragrance. Price, 40c each, dozen $4.00.

Hedge Plants

EUONYMUS JAPONICA A hardy ornamental plant with rich, handsome foliage; splendid for specimen pot plants and for hedges. Price, pot plants 25c each, dozen $2.50; 10c each, 75c per dozen. $1.50 per 100, prepaid.

CALIFORNIA PRIVET One of the best of all hedges. Also makes fine pot specimens. Price, 10c each, 75c per dozen. $1.50 per 100, prepaid.

CITRUS TRIFOLIATA and bears miniature oranges, which turn a beautiful yellow in autumn. Price, 10c each, $1.00 per dozen, $5.00 per 100, prepaid.

AMOOR RIVER SOUTH This beautiful new evergreen plant is used for hedges and as an individual plant has no equal. Price, 3 to 3 ft., 10c each, $1.50 per dozen, $12.00 per 100, prepaid.

Butterfly Bush

Amoor River South, Privet
FLOWERING SHRUBS—Continued

Deutzia
A showy class of shrubs, especially valuable owing to their compact growth, luxuriant foliage and free flowering qualities.

Crenata
Strong, stately grower, attains the height of 4 to 6 feet; flowers white; very double and full. Price, 40c each, $4.00 dozen.

Lemoinei
One of the best hardy plants introduced in years, having free, early flowering qualities, large flowers of pure white, borne in cone-shaped heads of 20 to 30 flowers each; very popular for lawn planting. Price, 40c each, $4.00 dozen.

PRIDE OF ROCHESTER
Resembles Crenata, except that the flowers are pure white, with a faint shade of blush on the outside petals. Strong two-year plants. Price, 40c each, dozen $4.00.

New, Hardy, Everblooming

Hydrangea

THE NEW EVERBLOOMING HYDRANGEA is as its name implies, constantly in bloom. This plant is of recent introduction and is one of the most valuable additions in the way of Hardy Shrubs. The blooms are borne in clusters of immense size of pure white flowers. It will grow to perfection on the north side in a shady position making it most valuable for massing under trees where other shrubs do not thrive. Price, field-grown, 50c each or 3 for $1.25, prepaid.

HYDRANGEA PANICULATA GRANDIFLORI. (Tree Form.) Flowers are borne in dense pyramidal bunches six to eight inches long in the greatest profusion, are white when first open but gradually change to rose color and the flowers remain in good condition for weeks. Without a doubt it is one of the most popular flowering shrubs. Price, field-grown, 3 to 4 ft. stems, large heads, $1.00 each or 3 for $2.75, prepaid.

Snowball

JAPAN
Large white flowers. Protect from sun. Price, 40c each, $4.00 per dozen.

Spireas
No other class of shrubs embraces a more extensive variety of flowers, foliage and habit of growth than Spireas. Hardy and desirable.

BILLARDI
Bright with dense panicles of rich pink flowers in July and August. 40c each, $4.00 per dozen.

REEVESII (Bridal Wreath) Double, pure white, attains a height of 4 to 6 feet. As desirable as the snowball. Price, 40c each, $4.00 per dozen.

COLOSSA ALBA
A white flowering variety of dwarf habit; very fine. Price, 40c each; $4.00 per dozen.

VAN HOUTTE
Grandest of all the Spireas; always beautiful, but when in flower a complete fountain of white bloom, the foliage hardly showing. 40c each, $4.00 per dozen.

Forsythia (Golden Bell)

VIRDISSIMA
Foliage deep shining green; flowers bright yellow. A fine, hardy shrub and one of the earliest to flower during the spring. Price, 2-year-old plants 40c, dozen $4.00.

Lonicera (Fragrantissima) Chinese fragrant upright bush honeysuckle. Very strong growing variety; very fragrant, small white flowers appear in early spring before the leaves, foliage is retained until late winter; sometimes in sheltered positions all winter. Price, 40c each, 3 for $1.00.

LILAC
This is one of the old-time and deservedly popular spring flowering shrubs, delightfully fragrant purple flowers. We offer an improved variety. Large Field Size 75c, dozen $7.50; smaller size 40c, dozen $4.00.

JAPAN QUINCE

NANQUIS
Bright red flowers which appear on the bush before the foliage is out. A very early bloomer. Valuable for hedges. Price, 40c each, $4.00 dozen; large size 50c each, dozen $5.00.

Weigelia

CANDIDA
Very fine light green foliage and white flowers, borne in profusion during June. 40c each, $4.00 per dozen.

Choice Evergreen

MAGNOLIA GRANDIFLORA
Southern Evergreen Magnolias. The pride of Dixie. Leaves are evergreen, thick and firm; flowers 6 to 8 inches across, pure waxy white, heavily fragrant. We always defoliate before digging to get best results in transplanting. Price, 3 ft., $1.00 each, 3 for $2.75; larger trees, $1.50 each, 3 for $4.25, prepaid.

Syringa, or Mock Orange

CORONARIUS
A fine old shrub, medium size. Its large white flowers are delightfully scented. 40c each, $4.00 per dozen.

GRANDIFLORUS
The most vigorous species in the group. Snow-white flowers. 40c, $4.00 per dozen.
VEGETABLE PLANTS AND ROOTS

We are prepared to grow all varieties of Vegetable Plants in large quantities. We furnish nothing but Souther-grown stock, acclimated and best suited to Southern growers. It is just as important to know how to purchase for planting, as the plants will reach destination in good shape, as it is to know how to grow them. When plants reach destination in poor condition it is usually a loss of time, and it is for this reason most economical to purchase from reliable growers of known reputation than to entrust your money to growers who have no reputation or experience.

We guarantee all plants to reach you in good order. We guarantee full count. Our plants always give satisfaction.

Onion Plants

The usual manner of growing onions has in the past been by planting sets, but various tests have proven that the onion plant is preferable. The set has to be absorbed by the new growth before it begins to form the new onion, whereas the plant begins to grow as soon as it is planted and make itself headway from the set, producing delicious young onions for table use during late fall, winter and spring. Onions grown from plants are larger and do not run to seed in the spring like sets. Onions love rich soil, so the ground should be liberally fertilized. Plant in rows about 15 inches apart and 3 or 4 inches apart in the rows. Price, dozen 50c, 500 for $2.25, 1,000 for $4.50, 5,000 and over $1.75 per 1,000, prepaid.

PARSLEY PLANTS

Should be in every garden. Price, dozen 25c, 50 for 80c, 100 for $1.50, prepaid.

EGG PLANTS

Ready February 15. Black Beauty, earliest and best. Price, dozen 25c, 50 for 80c, 100 for $1.50, 500 for $3.50.

MINT

A useful plant for flavoring. Try it in iced tea. The kind you make mint juleps out of. Price, 10c each, 3 for 25c, dozen 50c.

Last season we had numerous calls for Dasheens and we have secured a limited supply for our customers this year.

In this time of high prices for all food crops every one is sure to become interested in any new food crop they can produce in their own gardens.

The Dasheen is richer in food elements than either the Irish or sweet potato by 50 per cent.

The tubers are very palatable when served in any way that Irish potatoes are served.

The stem, when grown under a box or barrel, so as to be treed, are equal to asparagus.

The leaves are superior to spinach or any other greens.

They will produce a much larger crop of tubers than Potatoes throughout the Southern States when planted on soils adapted to them, and can be grown on lands too wet for ordinary crops.

Crops at the rate of 500 to 900 bushels per acre have been produced in Alabama.

They will undoubtedly become one of the leading food crops where the soils are adapted to their production and their growth on a large scale will help to reduce the high cost of living.

They require considerable moisture and can be grown on lands that are subject to short overflows that would ruin most other crops, thus making much land available for food crops that is now considered worthless because of the danger of overflows.

They are planted 2 to 3 feet apart in the row with rows 4 feet apart, thus requiring about 3,000 tubers to plant an acre. The small tubers are used for seed which, when grown, produce a large crop weighing anywhere from 1 to 5 lbs. and from 10 to 50 tubers of various sizes.
Vegetable Plants and Roots—Cont’d

**TOMATO PLANTS** We grow them by the million. Ready for shipment February 1st and after. The following varieties are best (See description in this catalogue under Seed): African Beauty, Dwarf Champion, Ponderosa, Texseed, McKee—the great black Land Tomato—Earlana, Dwarf Stone, Yellow Pear or Plum, June Pink, Red Cherry.

Prices—From Seed Bed—20c per dozen, 50c per 100. $3.00 per 1,000. Transplanting—30c per dozen, $1.00 per 100. Potted Plants—75c per dozen, $5.00 per 100. All prices prepaid.

**Asparagus Roots**

Planted in late fall and early winter, make roots all winter and yield first season when our large two-year-old roots are used. A bed of Asparagus is a most desirable adjunct to any home place, and represents a big saving. Asparagus is quite expensive at market. If grown to any extent, it is quite profitable. The beds should be narrow, so as to permit of cutting to the center. Set plants about a foot apart, crowns 4 inches below the surface. Before winter, cover the transplanted beds with about 4 inches of manure. Salt is an excellent fertilizer for Asparagus.

**CONOVER’S COLOSSAL AND PALMETTO**

Price, 50c, 1,000 for $3.50.

**COLUMBIAN MAMMOTH**

We can furnish large quantities of the above varieties for doz. 60c, 100 for $2.00, 1,000 for $10.50.

**Rhubarb Roots**

Deserves to be ranked among the best early garden fruits. It affords the earliest material for pies and continues long in use, and is valuable for canning. Make the border very rich and deep.

**LINNAEUS**

30c each, 3 for 50c, $1.75 per doz., prepaid.

**CRIMSON WINTER**

Strong roots, 25c each, 3 for 65c, $2.50 per dozen, prepaid.

**TEXSEED CHOICE NURSERY STOCK**

We offer herewith a carefully selected list of fruit trees especially adapted to the Southwest and selected especially to meet the needs of patrons of home orchards. While this is true, our ability to serve planters of extensive commercial orchards is second to none and in the Southwest, and with such prospective planters we invite correspondence.

Our prices are net, except for freight prepaid, and are not in competition with prices on inferior trees shipped carelessly and f. o. b. shipping point. When you note our prices, please bear in mind that every tree in grade offered is strictly first class, that our packing is done in an expert manner and all goods are guaranteed to reach destination in satisfactory manner, and that express or freight is fully prepaid to destination.

Considering the fact that a year or so is required to secure results from nursery stock, valuable time is absolutely wasted in purchasing inferior trees. Therefore, the first cost of trees is nothing compared to the time lost on poor stock. It is most important, therefore, that orders are placed with reliable growers.

**RIPENS MAY 20**

**NEW BOHEMIAN**

Price, doz. 60c, 100 for $2.00, 1,000 for $10.50. 2-year-old plants of all varieties at immediate effect.

**Horse-Radish Roots**

**REGULAR VARIETY**

Doz. 40c, 100 for $2.00, prepaid. Don’t confuse our prices with those of growers who do not pay charges. We make special prices to large buyers.

**MAYFLOWER**

This peach is absolutely red all over, even before it gets ripe enough to ship. Carries to market in fine shape and sells well and is the only early peach that sells well colored. Inclined to overbear; should always be thinned.

**TRIUMPH**

The earliest yellow peach ever known, ripening closely together; good size, of good quality, and when ripe it parts readily from the pit, which is very small; extremely hard and a fine shipper.

**ALEXANDER**

Larger than Victor, brighter red; semi-cling. There are several strains of this variety; by testing all we retained the best.

**MAMIE ROSS**

Clear white, with red cheek. Flesh white, rather soft. Semi-cling. Medium size. This variety has proven a profitable market peach.

**GOV. HOGG**

This is a large white peach with blush cheeks. Flesh white, tender and juicy and highly flavored. Semi-cling.

**CARMEN**

This variety is similar to Mamie Ross, but is freestone. Has tough skin. Flesh white and tender with remarkably fine flavor. Fine market variety.

**ROGERS**

Very large, white with red cheek; one of the best of its season. Cling.

**FAMILY FAVORITE**

Chinese Cling crossed with some other good variety, making a very productive peach. Clear creamy-white, with rich pink on one side. Flesh-white, tint of red at stone, free, fine quality. Seed medium.

**GENERAL LEE**

Creamy-white, one-half next to stem covered with mottled dull red, little fuzz, much resembling Chinese Cling. Flesh white, red at stone, cling, excellent quality. Seed rather large.
NURSERY STOCK—Continued

PLUMS

There is no more valuable fruit crop for the Southwest than Plums. A good crop is almost always assured and they should be more generally grown. The cultivation and care of Plums are the same as Peaches. Plant 15 feet each way, which requires 133 trees per acre. Special prices on large quantities. Plant any time from November 15 to March 15—the earlier the better.

Price, 3 to 4 feet, prepaid, 40c each, $3.75 per dozen.
4 to 5 feet, prepaid, 50c each, $5.50 per dozen.
Extra large, prepaid, 60c each, $6.00 per dozen.

NONA A most excellent eating plum. Large, bright red, juicy and of good quality. June.

AMERICA Tree very thrifty and symmetrical. Fruit medium to large. Flesh creamy-white with red cheek. Stone medium to large. Very valuable. June.


Wickson Plum

EAGLE Medium, clear yellow, tinged with red, sweet and juicy, valuable for both eating and cooking. Begins ripening the latter part of June and extends through July.


BARTLETT A large crimson plum with flavor similar to Bartlett pear. An excellent plum. July.

ABUNDANCE This variety is inclined to overbear and should be thinned by taking at least one-half of the fruit off when the size of marbles. Skin yellow, washed with purple. Flesh yellow, juicy apricot flavor. July.


McCartney Large, golden, yellow, egg-shaped, very productive. May.

SIX WEEKS Glowing red, large, meaty and rarely equalled. A good fine early plum. Tree a good grower. June.

GONZALES Fruit very large, meaty, of brilliant red. Finest flavor. Good shipper and keeper. Very valuable variety. June.

HAPPINESS Extremely large, dark red, quality unexcelled. Probably a better plum than Gonzales. Tree a good grower and very productive. June.

PEACHES—Continued

RIPENS JUNE 20 TO JULY 1

ST. JOHN Large, round, oblong; orange-yellow, shaded red. Flesh clear yellow, firm, juicy, highly flavored. Very early yellow. A splendid commercial or home peach. Freestone.

Peaches

TEN KING This variety is similar to Mamie Ross, but a better quality. Has very hardy bud, making it a sure bearer. Fully as large and well colored as Carmen. Does well in New Mexico.

ELBERTA This variety is inclined to mealy, a small covered peach. Flesh firm, good quality. Freestone. Seed large. This is the leading commercial variety grown in the Southwest.

CHINESE CLING Probably the largest peach in cultivation. Skin creamy with short fuzz, mottlings of dull red covering one-third to one-half of surface next stem. Flesh tender, very juicy. A well-known commercial variety.

CHILOW A pure yellow cling of very best quality. Very firm, but not tough. Tree a vigorous grower and very productive. Cling.

CHAMPION Fruit large, beautiful in appearance; flavor delicious, sweet, rich and juicy; skin creamy-white with red cheek; Freestone.

RIPENS JULY 1 TO JULY 15

TOUCHEY Very large, orange-yellow, more or less covered with crimson. Flesh firm, good quality. Freestone. Seed large. This is the leading commercial variety grown in the Southwest.

ALTAIR Large, round, orange-yellow, shaded red. Flesh clear yellow, firm, juicy, highly flavored. Very early yellow. A splendid commercial or home peach. Freestone.

PEACHES—Continued

RIPENS JUNE 20 TO JULY 1

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NURSERY STOCK—Continued

Apples

Many orchards in the Southwest are producing valuable crops of apples. The varieties we offer are especially adapted to this climate and should be closely adhered to. No better trees can be offered than those named below. Plant 25 to 30 feet apart, requiring about 129 trees to the acre. On account of sun scald, head apple trees low. On our extra large sizes the necessary pruning has already been done, and it is only left for the purchaser to shorten all branches to 4 or 5 inches from main stem and cut the top back to correspond. On smaller size trees prune to a single stem and head to about 2 feet. When the trees have had one year's growth rub off all shoots except those wanted for a head.

**Winesap Apple**
- Vigorous, abundant. Good for table or cooking. Yellow. Large.
- Extra large, prepaid $0.55
- Price, 4 to 6 feet, prepaid $0.40
- Each Dozen

**EARLY HARVEST**
- Vigorous, abundant. Good for table or cooking. Yellow. Large.

**RED JUNE**
- Small, red, prolific. One of the most valuable for heavy planting in the South.

**RED ASTRACHAN**

**SUMMER QUEEN**
- Dull red stripes on a pale yellow ground. One of the best.

**YELLOW TRANSPARENT**
- Medium size. Tree thrifty, pale yellow.

**JONATHAN**
- Good grower, prolific red. Fine for market and table. One of the most successful apples grown in the South.

**TEXAS RED**
- Especially adapted to East Texas. Fruit large. Solid red. Fine flavor. Excellent keeper.

**BEN DAVIS**
- Healthy, vigorous tree and abundant bearer. Red. Fruit large and handsome. Popular on account of its good bearing quality.

**WINESAP**
- Mostly covered with red on yellow ground. Firm flesh with high flavor. One of the best for market and general winter use.

**GANO**
- Deeper in color than Ben Davis and better in quality. Tree hardy and vigorous. A rapid grower. A valuable late winter apple.

**MAMMOTH BLACK TWIG**
- Large size, round and slightly flattened. Flesh yellow, fine grain. Tree a strong grower and abundant bearer.

**Crab Apples**

**PRICES SAME AS APPLES**

**TRANSCENDENT CRAB**
- Fruit is large for its class; golden yellow with a beautiful rich crimson cheek; when ripe the red or crimson nearly covers the fruit; tree a rapid grower and productive. September.

**RED SIBERIAN**
- One of the largest crab apples. Grows in clusters; yellow with dark scarlet cheek. Bears young and abundantly. September.

Apricots

A splendid fruit for Western localities. Should be planted in western sections only for home use. Cultivation same as Peaches. A few should be grown in every orchard. Ripens in June and July.

**BRADY**
- Originated in West Texas and especially valuable for that section. Quality excellent.

**CLUSTER**
- This valuable variety is claimed to have never missed bearing a season since its introduction. Originated in Texas from seed of Russian Apricot.

**EARLY MAY**
- Yellow, freestone, rich, juicy, of Russian strain. Very early, often ripening the last of May.

**LAMapasas**
- Large, yellow with red cheek. An excellent variety.

**MOORPARK**
- One of the largest. Orange with red; firm, juicy and with rich flavor. Very productive.

**Moarpark Apricot**

**Cherries**

**EARLY MAY**
- Yellow, freestone, rich, juicy, of Russian strain. Very early, often ripening the last of May.

**LAMPAsas**
- Large, yellow with red cheek. An excellent variety.

**MOORPARK**
- One of the largest. Orange with red; firm, juicy and with rich flavor. Very productive.

**Black Tartarian**
- Sweet, black, juicy, rich, excellent. Very prolific.

**EARLY RICHMOND**
- Medium size, dark red, juicy and rich flavor, hardy and reliable. One of the best early sour cherries.

**Montmorency**
- Large red, ripening ten days after Early Richmond. Tree slow grower, but prolific. Valuable sour cherry.

**WindSor**
- Fruit large, firm and of dark red, flesh fine quality. A valuable late variety.
Texseed Choice Pears

There is no section of this great Southwest that will not produce an abundance of this splendid fruit, hence they should be universally planted. The Kieffer is the most popular of all sorts and will grow everywhere. Plant trees 20 feet apart, about 110 trees to the acre. Head low on account of sun scald. Pear trees are beautiful for the lawn, being the first to bloom in the spring, and are literally covered with perfumed flowers, besides giving an abundance of fruit.

BARTLETT Pears

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price, 1 to 2 feet, prepaid</th>
<th>Price, 2 to 3 feet, prepaid</th>
<th>Price, 3 to 4 feet, prepaid</th>
<th>Price, 4 to 5 feet, prepaid</th>
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</thead>
<tbody>
<tr>
<td>KIEFFER</td>
<td>$0.40</td>
<td>$4.00</td>
<td>$7.50</td>
<td>$11.00</td>
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<tr>
<td>LE CONTE</td>
<td>$0.35</td>
<td>$3.50</td>
<td>$6.50</td>
<td>$10.00</td>
</tr>
</tbody>
</table>

Figs

Common Varieties

Hardy in South Texas. In North Texas unprotected tops will sometimes winter kill, but when frozen tops are cut off new shoots will come and bear fruit late in summer of same season. Like rich garden soil. Plant 10 feet apart.

BROWN TURKEY
Large, very sweet, hardy, reliable. Color, brownish purple.

BRUHSWICK
Very large, white. Productive and hardy.

CELESTIAL
A small pale violet fruit. Very sweet, prolific and hardy.

MAGNOLIA
Fruit very large and of rich straw color. Begins to ripen the last of June and continues to put on new fruit until frost. Trees bear when quite young. Doubtless the most profitable variety grown.

Mulberries

Price, 6 to 8 feet, prepaid.......................... $0.75 each
Price, 8 to 10 feet, prepaid.......................... $1.00 each

Hicks Evergreen
Fine grower and profuse bearer, ripening through June, July and August.

Black English
Very prolific and earlier than the Hicks.

Japan Persimmon

Introduced from Japan. Leaves are broad and burnished. Trees vary from shrubby growth of 8 and 10 feet to a much larger size. Usually very prolific. Price, 50c large size.
TEXSEED BLACK AND DEWBERRIES
The Big Money Crop

These fruits are easily grown and are very valuable. They bear the second year after planting, and yield a fruit that is profitable for both home and market. The fruit is borne on the previous year's growth and after fruiting the canes die, when all dead wood should be removed.

Price, prepaid, 10c each, 6 for 50c, 1 doz. 85c, 25 plants $1.65.
50 plants $2.75, 100 plants $4.25.

DALLAS BLACKBERRY
Large, delicious, very valuable. The earliest variety, ripening in April.

JORDAN BLACKBERRY
A grand berry, one of the best known for southern states; it is introduced.

ROBINSON BLACKBERRY
Large, delicious, very valuable. The earliest variety, ripening in April.

ROGERS DEWBERRY
Large, delicious, very valuable. The earliest variety, ripening in April.

AUSTIN DEWBERRY
Fruit very large and fine flavored. Produces a full crop each year.

McDONALD A cross between the Dewberry and Blackberry. It stands up like a blackberry and "tips" like a dewberry. This variety needs a perfect flowering sort nearby to pollenate to make it productive. The berry is large and of excellent quality. Earliest of all.

TEXSEED STRAWBERRIES
Price, except where noted, prepaid, 1 dozen for 25c, 25 for 50c, 50 for 75c, 100 for $1.00, 500 for $3.50, 1,000 for $6.50. Write for prices on large quantities. Cultural directions sent on request.

Extra Early Varieties

EXCELSIOR—As a first-early shipping berry the Excelsior had the field to itself for a long time and is still popular with some growers. Of medium size very productive and firm, in flavor it is quite tart, highly colored. The berries make a good crop and are used in large quantities for jelly, preserves, jams, pies, ice cream, and other products. This is a good plant for a home garden, especially where space is limited.

Crescent—An old standard variety, one that has made big crops for many years. They will stand hot, dry weather well and all in all we recommend them for any section where you have excessive dry weather.

Early Varieties

MISSIONARY—This berry has made good in the Southern States; it does best in Florida.

Medium Early Varieties

KLONDIKE—Like the Elberta peach, the Klondike has a market of its own. When they ripen everyone wants Klondike, if they can get them. So well known that it needs no further description.

CRESCENT—An old standard variety, one that has made big crops for many years. They will stand hot, dry weather well and all in all we recommend them for any section where you have excessive dry weather.

LADY THOMPSON—The money-making strawberry of the Southern States. In the past few years there have been many varieties discarded to make room for the Lady Thompson. It makes strong, vigorous, healthy plants that produce large crops of large, handsome, firm and well-shaped berries.

IMPROVED KLONDIKE—This is one of the most largely grown varieties in the South and Southwest. It is one of the best shippers and demands top prices in the market, frequently bringing a premium over other varieties; this is largely due to its uniform size and unusual firmness and flavor. Klondike is a vigorous grower and is adapted to a wide variety of soils. The berries ripen evenly, and this, with its good quality, uniform size, color and firmness, make it probably the most popular berry for the Southern States.

AROMA—Is a late variety with a constantly widening field. Especially popular in the Southern and Southwestern States, where it is grown in almost unlimited quantities because of its reliability as a cropper of large and beautiful berries, that always command highest prices on the large city markets. The fruit of this variety is very large and bright red to the center. The flesh is solid and smooth and the flavor rich and aromatic. The berry is firm and it is one of the leaders in long-distance shipping.

Everbearing Variety

SUPERB—The best ever-bearing berry yet introduced. We have tried several of the best, but have not found any of them that compare with the great Superb. We have built up this strain until you need not cut off the blooms in the spring and summer to get them to fruit, but just set the plants out and work them and they start in June to bear, and will bear until a hard frost cuts them down in the fall. The flavor of this berry is as good as any spring berry grown, and they are firm as can be. Anyone may plant this berry and take no chances; in fact, we believe that you will get fruit all summer.

Price, 25 plants for $1.00, 100 plants for $2.75, 500 plants for $12.50.

RASPBERRIES

This fruit comes in just after strawberries, and when properly cultivated is quite prolific. Plant on strong soil, fertilize freely, and mulch heavily. Pinch off canes when three feet high, tie up and cut out old wood each year. We can supply any of the leading varieties of raspberries, both black and red sorts.

Prices on Raspberries: $1.65 dozen, $8.00 hundred.
**GRAPES**

Every home should have a planting of this luscious fruit. The best way is to plant them in rows 6 to 8 ft. apart each way and train on stakes or trellis, though they can be trained on fences or porch, furnishing not only shade but abundance of fruit. Prune severely for a year or two, allowing the vines to form four or five stems; after this prune to suit the individual taste. Fertilize the soil heavily and plant a little deeper than when in nursery.

Don't fail to plant grapes and you will not regret doing so.

**Prices**, except where otherwise noted, 25¢ each, $2.75 per dozen. Write for our special prices on 50 to 100 lots.

**NIAGARA** Bunch medium to large, compact, sometimes shouldered. Berries large, skin thin but tough, pale green at first, changing to pale yellow when fully ripe, with a thin whitish bloom. Flesh slightly pulpy, tender and sweet. It has a musky odor which disappears when fully ripe. Ripens with Concord. June.

**WYOMING RED** A very early red grape. Bunch small, compact and handsome. Berry medium, skin bright red, thick, firm; fruit sweet, foxy, but agreeable to most tastes. Very hardy and healthy. Foliage small, thick, leathery. June.

**BRIGHTON** Large compact bunches, rich wine color, tender and almost seedless, sugary, juicy and rich flavor. Having thick foliage, it is enabled to withstand the heat of summer. We recommend this variety for vineyard or garden. June.

**CONCORD** The old standby. A large purple grape, moderately sweet and juicy; hardy, productive and adapted to almost any soil. June.

**HERBEMONT** Fruit of medium size, large clusters, dark purple when ripe. Very productive. June. **Price 50c each, $5.00 doz.**

**MOORE'S EARLY** Bunch medium, berry large, round with heavy bloom. Vine exceedingly hardy and entirely exempt from mildew. Its earliness makes it desirable. Berries black. Two weeks earlier than Concord. June.


**IVES SEEDLING** Healthy and a strong grower. Bunch and fruit medium to large. Flesh sweet and juicy, but foxy and puffy. Dark purple in color. July.

**CATAWBA** Well known as the great wine grape. Bunches and berries large, of coppery red color, becoming purple when fully ripe. A sweet, rich, musky flavor. August.

**CARMEN** Medium, round, black. Fine quality, vigorous and productive. August. **Price 50c each, $3.00 doz.**

**PECANS**

It has been practically demonstrated that Pecan growing is destined to become a very important industry. But only the trees of meritorious varieties should be planted.

**Profits**: Pecan growing offers greater inducements to the planter than does any other line of horticulture. Many shrewd business and professional men, as well as horticulturists, after the most careful investigation, are investing heavily in Pecan culture.

The Pecan will adapt itself to a great many kinds of soil. The rich alluvial soil of the river bottoms, the high rolling lands, and the sandy pine lands, extending from Virginia to Florida, thence into Texas and Oklahoma. The distance between trees should be 35 to 60 feet apart, according to the soils. The land between the rows can be planted for several years to cotton, peas, potatoes or vegetables. It may also be advisable to plant small fruit trees in combination with the Pecan, such as plum, fig and orange, etc., with view to cutting down the fruit trees after service of usefulness.

It is a mistake to think that Pecans do not need cultivation. They must be cultivated and fertilized. Budded or grafted trees, if well cared for, will bear at five years of age, but paying crops cannot be expected until when the trees are seven to ten years old. The trees at such age will produce from fifteen to fifty pounds of nuts.

The cultivation for a Pecan tree does not differ from that given other kinds of fruit trees.

As shade trees they make fine specimens and they are well adapted for street and garden planting.

**PLEAS**

<table>
<thead>
<tr>
<th>Fine Grafted Trees, Each</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 2 ft.</td>
<td>$1.00</td>
<td>$7.00</td>
<td>$65.00</td>
</tr>
<tr>
<td>2 to 3 ft.</td>
<td>1.25</td>
<td>9.00</td>
<td>85.00</td>
</tr>
<tr>
<td>3 to 4 ft.</td>
<td>1.50</td>
<td>11.00</td>
<td>100.00</td>
</tr>
</tbody>
</table>
PECANS—Continued
For Prices See Page 117

CENTENIAL
Shell of medium thickness, with corky partitions; of very best quality; very hard.

CURTIS
A medium sized nut, with bright, clean shell, marked with a few purplish specks. Oval, round at base, pointed at apex; shell very thin; cracking quality excellent; kernel light yellow, plump and full; rich, sweet, nutty flavor; quality best. A desirable nut for home use or market. A regular bearer.

DELMAS
Size large, ovate; dark gray in color, marked with specks and streaks; shell medium thick; cracking quality good; kernel bright yellow; flavor sweet; early bearer.

FROTSCHER
Nuts large, oblong; widely planted; kernel full of good quality. This is the variety that was planted on Governor Hogg’s grave.

JAMES
Nuts large, oblong; flavor very good, sweet; shell thin, cracking quality very good.

MONEY-MAKER
Size medium; oblong; texture firm, solid; flavor sweet and quality very good.

SCHLEY
A tree that grows rapidly and is a satisfactory bearer; nuts of medium size, oblong, slightly flattened; shell thin, reddish brown color; flavor one of the best.

STUART
A favorite in Mississippi, where it originated. It is bearing in several parts of Texas and is giving eminent satisfaction.

TECHE
Full plump kernel of excellent quality; tree is very productive and is well worth planting in any orchard.

VAN DEMAN
Large, long Pecan. Widely planted and highly esteemed in all the Southern States.

DEWEY
Very productive. Skin orange yellow, nearly covered with dark crimson.

LARGE PECANS
From grafted trees for planting. They don't always come true to name, but are valuable for shade.

Price, per pound, $1.00, prepaid.

SHADE TREES

While our prices named below on shade trees only cover grades up to 10 to 12 feet, we can furnish shade trees in varieties catalogued up to 3 to 6 inches caliper. Beautiful specimens, nursery grown shade trees, especially adapted to high grade landscape work and individual planting. Especially attractive prices will be quoted on these large shade trees in single trees or large lots. If interested we invite correspondence.

<table>
<thead>
<tr>
<th>Each</th>
<th>Dozen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prices, 4 to 6 ft.</td>
<td>$0.50</td>
</tr>
<tr>
<td>Prices, 6 to 8 ft.</td>
<td>$0.60</td>
</tr>
<tr>
<td>Prices, 8 to 10 ft.</td>
<td>$0.70</td>
</tr>
<tr>
<td>Prices, 10 to 12 ft.</td>
<td>$0.80</td>
</tr>
</tbody>
</table>

Transportation prepaid on all orders for $5.00 or more. Special prices on larger sizes upon application.

POPLAR, LOMBARDY
An upright grower and valuable where quick growth is desired.

SYCAMORE
Oriental Plane. A lofty, wide-spread tree; heart-shaped leaves; valuable for its handsome foliage and free growth; not so subject to disease as our native species. Entirely free from worms or insects. One of the oldest cultivated trees known. One of the best and most popular for street and avenue planting.

MAPLE, SOFT OR SILVER
With many people the favorite shade tree for this climate. If cultivated for a few years it makes a rapid growth, and can hardly be equaled by any other tree for the freshness of its foliage, and its beautiful appearance. It thrives best in sandy soil, though, with a little care, it will grow readily in black land. It is the well-known and very popular "Silver Maple" of the North.

MULBERRY, TEA'S
This tree has a most wonderful drooping habit. It is top-worked on Russian stems, and makes a most pleasing addition to the ornamental trees. 2-year heads, $1.25; 1-year heads, $1.00.

ELM
One of the best known and valuable shade trees. It thrives equally well in cool, shady parks or in cities.

WILLOW, BABYLONIAN OR WEEPING
A fine Willow tree of graceful, upright habit, with the ends of the limbs hanging down. Leaves and bark of a beautiful green. This tree is well suited to the South.

MULBERRY, NON-BEARING
Of these we have the so-called white or paper mulberry, especially adapted to the Southwestern plains country where shade without fruit is desired.

ASH, NATIVE
Well known; leaves dark green, which remain on the tree till late in the season.

BOX ELDER
A rapid growing, native tree. Light green foliage, which is used with fine effect in landscape work, when contrasted with other shades of green.

CATALPA SPECIOSA
A good tree to plant on sidewalks or other exposed locations. Horses and cattle will not touch it. It is also very ornamental, with its large, heart-shaped leaves, and is especially handsome when covered with its white and fragrant blossoms in spring. Its timber is very durable, also, resisting rot for many years. A rapid grower.

CATALPA BUNGEE
A dwarf variety of the Catalpa, bearing topgrafted about six or eight feet from the ground with a Chinese variety. Used largely as an ornamental tree, being low and with a dense spreading head.

<table>
<thead>
<tr>
<th>2-year heads</th>
<th>1-year heads</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.25</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

BLACK LOCUST
Planted extensively for street and shade trees, also for windbreaks. A rapid grower.

Umbrella China

CHINA, UMBRELLA
The best tree to grow for all purposes. It flourishes in any soil, and grows well whether it rains or not. The weather never gets too hot or too dry to prevent its growing rapidly. Especially is it desirable because it is free from borers, scale and disease of all kinds. It will live from ten to twenty years, and hence should be used as a permanent shade. A good plan is to plant Chinas alternately with sycamores, elms, walnuts, pecans or other permanent trees. The Chinas will make shade at once and do for ten or more years. After this time they may be removed to make room for the permanent trees, which will be growing rapidly and will soon fill up the space. No tree has grown so rapidly into favor during the last four years as the Umbrella China.

POPLAR, CAROLINA
One of the most rapid-growing and most desirable shade trees for street planting. It is especially desirable for planting in large cities, as it will stand more hardships than any other tree we know of. The leaves are large, deep green, glossy and handsome.
The "Buckeye" is so simple that a child can operate it. If you can't operate a Buckeye, it won't cost you a cent. It's easy to keep every egg in exactly the same temperature all the time with the "Buckeye Circulating Hot Water System." It's a self-regulator. For 21 days it never changes or fails. The only thing you have to do is to keep the lamp burning and turn the eggs twice a day.

There is nothing cheap about the Buckeye Incubators but the price.

<table>
<thead>
<tr>
<th>No.</th>
<th>Capacity, 60 eggs</th>
<th>Price</th>
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<tr>
<td>14</td>
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<tr>
<td>150</td>
<td>500 eggs</td>
<td>70.00</td>
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</tbody>
</table>

Approved by The National Board of Insurance Underwriters

The Standard Colony Brooder


Nothing to Break. Nothing to Wear Out.

The Simplest, Safest and Most Economical Brooder Ever Invented

A Brooder that enables any poultryman to care for 1000 chicks with about the same amount of labor that it formerly took to care for 100 chicks.

A Brooder that provides a constant, correct temperature, a constant supply of pure, fresh air, plenty of exercise, and no possible chance of crowding—every essential for the welfare of the growing chicks—with such automatic regularity that all possibility of the many unfavorable conditions so commonly found in other brooders are entirely eliminated.

A Brooder that burns hard or soft coal and entirely eliminates all the labor and worry that have always attended the older type of lamp-heated brooders.

A Brooder that requires no more attention than is required for one oil lamp. The stove is filled with coal once a day and the ashes shaken down twice a day—that is positively all the attention this brooder requires.

A Brooder that can be operated in any room—in any temperature—with the same uniformly satisfactory results.

A Brooder that will care for the chicks from the time they leave the incubator until they are ready for the laying house.

A Brooder that will care for one hundred, five hundred or one thousand chicks with the same uniformly satisfactory results.

WRITE FOR BUCKEYE

Specifications for Standard Brooder

**STOVE**—Solid gray-iron castings throughout. Height of stove, 10% inches. Diameter of stove, 10% inches. Diameter of base, 11% inches. Fire-proof base, 7 inches high, with corrugated asbestos pad attached to lower plate and one-inch air space between asbestos pad and floor.


**CHECK VALVE**—Hung on knife-edge bearings opening outward, thereby producing inward suction from outside atmosphere pressure.

**REGULATOR**—Two double disc thermostats—tandem hitched—supported on substantial casting that is bolted solidly to stove. Lower arm movable and attached to check valve by substantial iron rod. Chick-proof, accurate and positive.

**HOVER**—Galvanized steel, mounted on a substantial ring casting that rests on the top of stove. Moulded to fit and cannot be displaced. Hover is 12 inches in diameter and removable. Furnished complete with rope and pulleys for quick attachment.

**Standard Brooder No. 18**

- **CAPACITY**—Any number of newly hatched chicks up to 500.
- **SHIPPING WEIGHT**—75 pounds.
- **Price**—$17.50

**Standard Brooder No. 19**

- **CAPACITY**—Any number of newly hatched chicks up to 1000.
- **SHIPPING WEIGHT**—94 pounds.
- **Price**—$21.50

COMPLETE CATALOGUE
“BUCKEYE” PORTABLE BROODERS

“BUCKEYE BROODER” (NEW)

It’s a Truly Wonderful Brooder

AND IT’S DURABLE

Nothing about it but metal—excepting the curtain—and that’s interchangeable.

THE OUTSIDE SHELL is made of 28-gauge galvanized steel—the inside shell is 28-gauge black iron—with a one-inch dead air space between.

THE BROODER BODY is supported by three CAST-IRON LEGS that are rigidly secured to the sides by a set nut, which makes them easily detachable.

THE LAMP SUPPORT is free from the floor and is welded to the plate above. The door to the lamp chamber is of galvanized steel with a large peep hole for the ready observation of the lamp.

THE LAMP BOWL is made of seamless galvanized steel—the burner is a “Miller”—all the fittings are of heavy brass and the chimney is made of sturdy black iron.

THE THERMOMETER is mounted on a hardwood turning which is dropped through the top of the brooder, and brings the bulb of the instrument right down to the level of the chicks. Each brooder is equipped with a thermometer.

Buckeye Brooder (New)

Built in Three Sizes

<table>
<thead>
<tr>
<th>Size</th>
<th>Diameter</th>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 20</td>
<td>19 inches</td>
<td>60 chicks</td>
<td>$7.50</td>
</tr>
<tr>
<td>No. 21</td>
<td>22 inches</td>
<td>100 chicks</td>
<td>$9.50</td>
</tr>
<tr>
<td>No. 22</td>
<td>30 inches</td>
<td>150 chicks</td>
<td>$12.50</td>
</tr>
</tbody>
</table>

The Only Oil-Burning Brooder With All the Desirable Features of the Modern Coal Burner

Guaranteed: to raise more chicks than any oil-burning brooder on the market.

Guaranteed: to furnish an abundance of heat in any temperature down to freezing.

Guaranteed: to be absolutely free from all gases and odors whatsoever and to provide a circulation of pure fresh air every minute in the day. Used in any box or building.

Price .................................................. $12.50

Buckeye Klose Kontack Brooders

We have a limited supply of the Buckeye Klose Kontack Brooders. These machines are portable, can be placed in small poultry houses during the very coldest weather and used out doors on our warmer winter days. The few machines we have in stock are to be sold at greatly reduced prices—for about one half of their present value. Take advantage of the exceptional offer.

No. 75—75 chick size........................................... $6.00
No. 150—150 chick size................................. 8.00

Write for Buckeye Complete Catalogue
POULTRY FOODS

The Grain Market is very unsettled and prices change very often for this reason we are unable to quote prices on all poultry foods—Will therefore ask that you write us for prices.

It is getting to be an acknowledged fact amongst poultrymen that the Poultry Foods manufactured by us are cleaner, of finer quality, and give better results than any other foods on the market. We use the best grains and seeds in the manufacture of the Texseed Brand Poultry Food and re-clean everything, thoroughly taking all dust out by the latest improved machinery. Sacking is all done with automatic machinery, each bag being accurately weighed in this way.

If you have not been using the Texseed Brand Poultry Foods, heretofore, begin now, and you will always.Read testimonials elsewhere in this catalogue from persons who are using the Texseed Brand Poultry Foods and see what they say.

NOTICE—Owing to fluctuations of the grain market, all prices on Poultry Foods are subject to change.

TEXSEED CHICK FOOD

Chicks properly started on a good, wholesome foods are the ones that reach maturity.

Texseed Chick Food is the right food for chicks; mixed ready for use, comprising the proper proportions of cracked grains, small seeds, grit, shell, bone and beef scraps (to take the place of worms and bugs), charcoal to promote digestion all combined to produce a quick and profitable growth without loss by disease and weakness caused by ordinary feeds. Write for prices.

TEXSEED HEN FOOD

If your hens are not laying, the younger birds are not growing as fast as they should, and your chickens are drooping and practically a worthless expense on your hands, it is probably because you are feeding them unclean, musty grain, which, having an undesirable influence upon the health of a thrifty flock. Texseed Hen Food is a re-cleaned uniform mixture of grain, seeds, shell, etc., properly proportioned to meet the needs of a thriving flock. Write for prices.

TEXSEED DEVELOPING FOOD

Texseed Developing Food is a uniform mixture of dry grains, seeds and animal products, so proportioned as to meet the needs of the chick during the early stages. Write for prices.

TEXSEED FORCING FOOD

It is the constant aim of poultrymen to get their broilers and birds for market in condition as quickly as possible, thereby saving time and labor. Texseed Forcing Food is a mash especially prepared for this purpose and should be fed to all young stock intended for early market. Write for prices.

TEXSEED LAYING FOOD

Texseed Laying Food is a nutritious mash mixture, prepared from clover, grain and animal products, designed to keep hens in laying condition and promote an increased production of eggs. Begin feeding it now—test its real value. Write for prices.

TEXSEED PIGEON FOOD

A good, economical food goes a great way toward making pigeon raising easier and more profitable.

Texseed Pigeon Food is a well-balanced re-cleaned mixture of grains, seeds, etc., properly proportioned, being especially designed to keep the old birds in good condition and help the young ones grow strong and healthy. Write for prices.

TEXSEED CHARCOAL

Specially prepared for poultry feeding. Purifies the blood, prevents disease and is a splendid remedy for sour crop, diarrhoæa, etc. A little of it goes a long way, and to poultrymen should be without it. Do not confound this with ordinary charcoal. Prepared by us in three grades. Grade A (fine granulated), for use in mash mixtures; Grade B (medium granulated), for small, newly hatched to half-grown chicks; Grade C (coarse granulated), for grown fowls.

Price, per pkg. 10c, postpaid 30c. Bulk, lb. 10c, 3 lbs. 25c, 10 lbs. 60c, 25 lbs. $1.25.
Oakes Electric Incubator

50 Egg Capacity
This is without a doubt the best Electric Incubator made. Anyone wanting an electric machine of small capacity, will make no mistake in buying an Oakes.
Electric Incubator with thermometer and egg tester $15.00

Oakes Oat Sprouter
Without a doubt the best sprouter on the market to-day. It is well constructed of heavy galvanized iron, heated with an oil lamp. The machine is built with an extra section, for persons that need a larger sprouter. The trays set evenly in the sprouter allowing the heat to pass on all four sides of the trays making the sprouting uniform.
Price $7.50—with extra section $10.00.

Green Bone and Clover Cutters
MANN'S GREEN BONE CUTTER—Easy to fill, easy to clean, easy to operate. The knives are made from hardened steel of the same kind of which cold chisels are manufactured.
No. 5124, weight 8 1/2 lbs. $10.00
No. 7, for flocks of 40 to 100 hens, weight 107 lbs. 12.00
Write for descriptive circular of Mann's Bone Cutters.

Thompson's Banner Root Cutters
The No. 7 and No. 29 are both hand power machines. The No. 29 is the proper size for root cutting for poultry feed and the No. 29 for cattle.
THOMPSON'S BANNER ROOT AND VEGETABLE CUTTER No. 7—Adapted for poultrymen and farmers or suburban residents. Cuts roots and vegetables into the chicken feed. Capacity one bushel in about five minutes. Suitable for flocks of 50 to 1,000 fowls, $2.00.
BANNER ROOT CUTTER No. 29—Capacity, 20 to 40 bushels per hour. Complete, $3.00, weight 120 lbs.; knives, per set of 20, $1.50, charges prepaid.

Lice-Killing Machine
Schild's Lightning Lice-Killing Machine—Put your fowls in this machine, sprinkle Lightning Lice Powder on them, close door, turn crank slowly a dozen times and your fowls will be thoroughly dusted and all bugs killed. All f. o. b. Dallas. No. 2, for standard size fowls, capacity four to five large fowls, or fifty to sixty chicks, with 1/2-lb. can of powder, $3.50.
Lightning Lice-Killing Powder—1/2-lb. can 25c, lb. can 50c.
PRATT'S POULTRY REMEDIES AND SUPPLIES

Write for Free Poultry Book.

PRATT'S RELIABLE REMEDIES

Pratt's Poult Remedy (Powder)-Is a positive cure for all forms of this disease. It is placed in the drinking water, the fowl takes the medicine without knowing it, and you are relieved of any inconvenience. Coming in contact with the head and throat membranes, it kills the germ at once. It is simply taken up by the system, and being a strong tonic and blood preservative it builds up the system. It is equally effective for turkeys and for canker in pigeons. 30c and 60c, postpaid.

Pratt's Sclary Leg Remedy—Sclary leg is caused by parasites under the scales of the feet and legs. This remedy is guaranteed to cure it. 30c per box, postpaid.

Pratt's Bronchitis Remedy—Bronchitis is often accompanied with cough. This remedy is a guaranteed cure if given in time. 60c per box, postpaid.

Pratt's Poultry Regulator—Will keep fowls in the best of health, shorten the molting period and increase the production of eggs. 1½ lb. pkg. 30c, 2½ lb. pkg. 60c, express extra.

Pratt's Head Lice Ointment—Head Lice annually kill thousands of little chicks; in fact, are the greatest cause of their loss. Conkey's Ointment is a non-poisonous, perfumed preparation that is instant death to those insects. Also good for sclary legs. Ounce tin, enough for 100 applications. 15c postpaid.

Pratt's Powdered Lice Killer—Can be absolutely rolled upon to rid your fowls of lice. It will also kill lice on horses and cattle, ticks on sheep, bugs on towero, plants, rose bushes, etc. 15 ozs. 30c.

Pratt's Lice Salve—Will positively rid poultry of "tick-tights," which are a troublesome pest in this Southern climate. (30c postpaid).

Pratt's Baby Chick Food—This is a real starting food for little chicks. So many chicks die while very young account of not getting the proper food. Do not feed this to your chicks for more than twenty-one days. It will help your young chicks raise themselves. Price Small Package 40c—Large Package 75c.

Postage paid on the above size packages. 14 pound bags not postpaid $1.40.

PRATT'S DISINFECTANT, FLY CHASER, ETC.

Pratt's Poultry Disinfectant—A fluid disinfectant and deodorant. Unexcelled for disinfecting poultry houses and runs, stables, dog kennels, toilets, or any place where a good germ or odor destroyer is needed. One gallon will make 100 gallons of disinfectant. Qt. 60c.

Pratt's Germathol—Disinfectant, Lice Liquid, Germ Destroyer. Germs are the cause of most diseases of poultry, horses, cattle, sheep, swine and other domestic animals.

In an outbreak of disease it is not enough, therefore, to treat each individual animal with a remedy for the disease. It is necessary to go further and use a strong disinfectant, in an effort to kill the germs which are on the bird. Price, 1 qt. 50c.

Pratt's Fly Chaser—New Improved—Prevents flies from annoying stock. It is perfectly harmless, has a pleasant, pungent aroma, and actually keeps flies and mosquitoes out of range of their odor. It kills every insect it hits, and keeps others out of buzzing distance. It will add flesh to stock in fly time, and its use in summer will prevent lice, and grub in winter. For spraying this liquid we recommend the Faultless Sprayer. Qt. 60c, ½ gal. $1.00, gal. $1.75.

BIRD SEED

Sunflower—Lb. 30c postpaid.
Sunflower and Hemp, Mixed—For parrots Lb. 30c, postpaid.
Hemp—Lb. 30c, postpaid.
Poultry Supplies

AND SUPPLIES FOR Poultry House and YARD

**CYPHERS WALL FOUNTAIN**—The back is flattened so that it can be hung on the wall of a building. Serviceable for young chickens or adult fowls. Gal. size 60c, 2-gal. size $1.20. **GALVANIZED IRON DRINKING FOUNTAIN**—These fountains embody every up-to-date feature. Small size 5c, medium 45c, large 55c. **CYPHERS DRY FOOD HOPPER**—It has two compartments, a large one for grain mixture and a small one for beef scraps. The Hopper is provided with a hinged cover which protects the grain at all times and is supplied with a strong handle for convenient filling and handling. These Hoppers are intended to be hung against the wall of a poultry house. 85c each.

**O.K. Chick Fountain**

The little "pockets" around the pan are large enough for the chicks to drink out of them nicely, but too small to allow a chick to get into them and get wet.

One pint size, shipping wt. 1 lb., not postpaid 25c
One quart size, shipping wt. 2 lbs., not postpaid 35c

**Poultry Markers**

**PERFECT POULTRY MARKER**—It makes a good, clean, cut and doesn't mutilate the web as do so many cheap punches. 60c, postpaid.

**THE RELIABLE POULTRY PUNCH**—For marking the web between the toes. The very best and handiest marker. By mail, 45c.

**The Henfriend**

Made of the very best galvanized iron in three popular sizes. Protected from dirt and yet easy to clean. Easy to fill and carry as a pail. Keeps the water cool in summer.

**SAVES THE CHICKS PEOPLE BUY THE HENFRIEND**

Because it beats anything of the kind that has ever been made. Poultry must have water. Why not try a Henfriend? No. 1, size 8x8x12, holds 2 1/2 gallons of water. Price 75c. No. 2, size 6x6x9, holds 1 1/2 gallons of water. Price 50c. No. 3, size 4x4x6, for chicks, holding 1/2 gallon of water. Price 35c.

**Egg Testers**

**CYPHERS X-RAY EGG TESTER**—Designed for use on an ordinary hand-lamp and fits over any style of burner with a diameter approximately of the tester. 30c, by mail 40c.

**Leg Bands**

**THE SMITH DOUBLE CLINCH**—The kind of Leg Band that the turkey cannot remove. Turkeys are great wanderers. No tools are required to put on these bands. They are fastened with two clinches. In ordering always mention size wanted. Price prepaid, by mail, 15c per dozen, 30c for 25, 50c for 50, 75c for 100. No. 1 to 100.

**SMITH'S SEALED**—Were designed to make positive identification of scored birds possible and to prevent fraud in exchanging bands from good birds to inferior ones. No duplicates are ever issued, hence the value of the score card is destroyed the moment the band is removed from the bird. Postpaid prices; 30c per dozen, 50c for 25, $1.00 for 60, $1.50 per 100. Sealing tools for sealing these bands are 50c each.

**LEADER ADJUSTABLE**—Latest and best adjustable Leg Band out. Has neat, compact and smooth fastening with no catching points, easily attached and are absolutely secure. 15c per dozen, 25c for 25, 50c for 50, 75c per 100.

**Egg Shipping Boxes**

**ANDREWS NON-SUSTO EGG BOXES**

For parcel post and express shipment of eggs for hatching. Eggs are placed in a cardboard case and dropped from second story windows without injury. Per doz. or half doz. egg size, not prepaid; weight

<table>
<thead>
<tr>
<th>Size</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 egg</td>
<td>9 lbs.</td>
<td>$1.50</td>
</tr>
<tr>
<td>30 egg</td>
<td>15 lbs.</td>
<td>2.00</td>
</tr>
<tr>
<td>50 egg</td>
<td>21 lbs.</td>
<td>2.75</td>
</tr>
<tr>
<td>100 egg</td>
<td>49 lbs.</td>
<td>5.25</td>
</tr>
</tbody>
</table>

If Egg Boxes are wanted by parcel post include postage. We show weights. Refer to pages in front of catalogue for parcel post table.

**Economy Drinking Fountain**

This pan, which forms the bottom of the Fountain, is removable, so that all parts can be easily cleaned and kept sanitary. It is made to either rest on a shelf or on the ground, or to hang against the wall. It is designed to be easy to fill and clean. The drinking place is recessed into the side of the Fountain, so that it does not get dirty or falling dust and dirt. No. 1—Holding one gallon. Shipping weight, 3 1/2 lbs. $1.40 No. 2—Holding two gallons. Shipping weight, 5 lbs. 1.75

**RELIABLE EGG CARRIER**—The best and most complete egg carrier on the market. Holds 12 dozen eggs. It is equipped with an adjustable cover and a patent combination fastener. Just the thing for the farmer and as well as the poultryman. It is so arranged that when only one dozen eggs are placed in it the lid can be dropped down and fastened just the same as though it were full of eggs. Each and every one of our egg carriers is nicely painted and is equipped with the very best fillers. The usual special prices by the dozen, on application.

**O.K. Exerciser Feeder**

**O.K. EXERCISER FEEDER**—The Hopper is made of No. 28 galvanized steel, and is reinforced with a double thickness around the top. The ball is heavy brass and can be turned, the rod so that the weight of the grain does not spring it out of shape.

The pendulum rod and grain distributor have the accurate adjustment with two brass nuts, an everlasting construction, which are patented features of our Economy Exerciser.

Capacity 12 Quarts. Shipping weight, 7 lbs. Price $1.75
POULTRY SUPPLIES—Continued

French's Poultry Mustard

This is without a doubt the greatest feeding powder we know of. You should feed same during the cold months, and you will find that your hens will lay much better and your results will certainly prove profitable. It is also excellent to use during the moulting season. We suggest that you order one package of French's Poultry Mustard as a trial. Try it on a small portion of your chickens and you will readily see that the ones you are feeding Poultry Mustard will lay a greater number of eggs than your other chickens will. 1½-lb. pkg., 35c; 10c extra for postage.

Thermometers and Hygrometers

HIGH-GRADE TESTED THERMOMETERS—The best incubator or brooder manufactured is worthless unless the thermometer used therein is accurate. Hundreds of hatches fail in incubator because of inferior thermometers and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

INCUBATOR THERMOMETERS, 75c each, postpaid.
BROODER THERMOMETERS, 75c each, postpaid.
HYGROMETER OR MOISTURE GAUGE—These instruments are used by operators of incubators to determine and to regulate the humidity of the atmosphere in the egg chamber of incubators so as to tell how much moisture to supply where supplied moisture is required. Moisture and ventilation have heretofore been handled by guesswork almost entirely, and even the experienced operators cannot always guess right, there being such a great difference in conditions, such as high and low altitude, cold and hot weather. All these conditions make moisture regulation quite difficult unless you have a reliable Hygrometer, such as our Texasseed Hygrometer. This instrument will work in any incubator and will give satisfaction.
Price, $1.75 postpaid.

Automatic Fountain and Chicken Feeder

Your chicks must have pure, fresh, clean water always easily accessible. It is life to them. The Arite Automatic Fountain has solved the problem. It is absolutely automatic in action.
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. Shipping weight, 5 oz. each. Price, 30c, postpaid.

Master's Rapid Plant Setter

The only hand mechanical plant-setter on the market; is built on scientific principles throughout; its conical jaws are made of heavy sheet steel, and the main body, or water reservoir and plant tube, of heavy tinned plate. The water valve is of bronze with rubber packing. All kinds of plants, such as cabbage, cauliflower, strawberries, sweet potatoes, sugar beets, etc., are set in water and covered at one operation. Any man with very little practice can easily set out 7,000 to 16,000 plants each day. Will save its cost a dozen times over in a season. Is light and pleasant to work with. Weight, when empty, 4½ lbs.
Price, $4.50.

Walker's Excelsior Plant Food

Odorless and perfectly soluble food for house plants. A pound box is sufficient for 25 ordinary sized plants for one year.

lb. 25c (by mail 40c) \( \frac{1}{2} \) lb. 15c, (by mail 25c).

P. & O. Garden Plows

This plow complete with all attachments including Plow, Rake, Weeder, Bull Tongue and Wrench. The very thing you need to make your garden work easier. This is best hand plow and cultivator on the market today — strongly built and will last a long time.
Price, complete, $7.00.
“Perfection” Sprayer

Built on the best lines, of high grade material and with the idea of turning out a sprayer which has none of the faults and defects so common in many Knapsack sprayers heretofore on the market.

The tanks are made of heavier metal than has ever been used in sprayers of this type, and are lock seamed at the corners to convex heads of metal two gages heavier than the other, a single seam runs lengthwise of the tank. This seam is reinforced by rivets, making the tank practically unbreakable. The pump is ½-inch seamless brass tubing with a brass valve, and is sealed into the top of the tank with heavy threads following the construction used on the best makes of fire extinguishers.

This Sprayer will handle Whitewash, Water Paints, Bordeaux Mixtures, etc., perfectly.

For whitewash and all heavy mixtures it is necessary to use a “W. W.” Cap in nozzle, which is furnished with sprayers.

These sprayers are made in galvanized steel or brass as ordered. Weight, 9 lbs. empty. All sprayers tested to 80 lbs. before leaving factory.

Galvanized Steel............ $7.00
All Brass.................... 9.50

“King” Pumps

This cut shows pump mounted on barrel ready for operation. The price below is for pump only.

No. 4 “King” Pump
plain .................. $12.00

“Ideal” Spray Outfit

This outfit is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest air chamber of any spray pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle.

The pump barrel is 1½ inches in diameter, 7 inches in length. The plunger is made of brass and is self-oiling. The packing is cotton which will resist the action of the chemicals used for spraying and can be tightened without removing from the pump. The valves are bronze balls, ½ of in inch in diameter, which allows free passage of the liquids and prevents clogging. Both valves are removable. The pump handle is of iron. It is 8½ inches long and a pressure of one hundred and fifty pounds can be easily maintained.

A mechanical agitator keeps the liquids well stirred. A fine strainer at the opening in the suction pipe prevents anything getting into the working parts of the pump. The pump has the following equipment: 10 feet ½-inch Pressure Hose; 8 feet Pipe Extension, in 3 pieces; 1 “Ideal” Nozzle; 1 Brass Shut-off Cock. Shipping weight, crated, 60 pounds.

Price ......................... $29.50

The “Midget”

A new size, made to fill the need for small sprayer for household requirements. It is made of a good weight of tin, the tank is 3 inches in diameter by 3 inches in length. Holds one pint; is 1½ inches long over all, has ½-inch pump rod fitted with anhydrous leather and our special metal expanders.

Price each .................... 30c

The “New Misty”

This sprayer takes the place of the “Misty” so generally sold during the past six years, and has a number of improvements over that type. The “New Misty” has a larger pump made of extra heavy tin with a pointed nose or end for contracting the air force. We retain the cross tank which prevents it from turning on its side. The tank and pump are joined by a brace 3 inches wide butted into the seam of the tank. The tank is double seamed, without solder. The pump has ¼-inch rod and is fitted with anhydrous leather and our special metal expanders.

Price ......................... 60c

The Complete Garden Bellows—For Slug-Shot or other powders—medium size, $1.75; large size, $2.25.

Dusters—For Slug-Shot or other powders—½-gallon size, 45c; gallon size, 60c.

Write for Spray Calendar-Booklet
It is Free

No. 324 Myers Lever Bucket Spray Pump

With agitator, complete with hose and graduating vermorel fine and coarse spray, also solid stream nozzle. Special price, $5.00.

We recommend No. 324 sprayer for whitewashing and for this purpose special Bordeaux nozzle should be used. Price, postpaid, 85c.

Write for Our Special Spray Calendar
IT IS FREE
INSECTICIDES OR INSECT KILLERS

Are you going to get the fruit and vegetables out of your garden and orchard, or are you going to let the bugs and worms have them. Bug killing is just as important as seed planting and cultivation.

The commercial orchardist and gardener knows this and uses Insecticides and Insect Killers regularly and saves his crops. This is now possible for the home or small gardener inasmuch as we have arranged to have the following preparations put up in convenient sized and inexpensive packages. On opposite page you will find Sprayers of various kinds for applying these preparations.

Satisfy yourself about the advantages of spraying or dusting your garden by treating one-half and neglecting the other. One season will convince you.

ARSENATE OF LEAD
(Dry Powdered)

Uses
For insecticide purposes, for spraying fruit, potatoes, cotton vegetation, etc. For the destruction of all leaf-chewing insects. Especially adapted for tobacco spraying.

Description
This product contains from 31 to 33 per cent arsenic oxide thoroughly in combination with lead, which means that it has maximum killing power and speedy action.

Our product is especially adhesive, very fluffy and finely divided, stays in suspension for the longest possible time and is entirely safe. Owing to its fluffy nature, shown a larger bulk for weight than any other brand on the market.

The United States Government in recent experiments has found Dry Powdered Arsenic of Lead superior to Paris Green for tobacco spraying, and it is recommended by the U.S. Department of Agriculture for killing tobacco horned-worms. It is impossible to apply Paris Green effectively without risk of burning the tobacco very severely, and in some cases the value of the crop is reduced as much as 30 per cent from this cause. In rainy weather especially, Paris Green is dangerous and ineffective. S-W Dry Powdered Arsenate of Lead acts just the opposite.

Price, 1/4-lb. 40c, 1-lb. 75c, postpaid. Also packed in 25 lb., 50 lb. and 100 lb. packages.

DRY LIME SULFUR
Containing Other Compounds

Uses
Same as Lime Sulfur Solution.

Description
This is the only actual Dry Lime Sulfur on the market that can be used for any purposes for which Liquid Lime Sulfur Solution has been used heretofore. It is simply the Liquid Lime Sulfur Solution evaporated and only the addition of water is required to produce the spray. Every grower knows Lime Sulfur Solution and what it will accomplish, and the material has come into general use despite its many disadvantages, such as, for instance, excessive weight, loss from leakage, danger of freezing, etc.

Sherwin-Williams Dry Lime Sulfur overcomes all of these disadvantages and offers the grower for the first time Lime Sulfur Solution in dry powder form. Price, not prepaid, 5-lbs. $1.00, 10 lbs. $1.00, 25-lbs. $4.00. Also packed in 100 lb. and 150 lb. packages.

INSECTO Takes the place of Fungi-Bordo. It is a concentrated mixture of Arsenate of Lead and Bordeaux Mixture in dry powdered form. When mixed with water it will produce a fresh strong solution which makes it much superior to all paste mixtures, as the paste solutions or mixtures lose strength before being used. Price, 1-1b. 45c, postpaid; not prepaid, 5-lbs. $1.60, 10-lbs. $3.00. Also packed in 25-lb. and 50-lb. packages.

TOBACCO DUST Very effective being of leaves, not ground stems. Used on cabbage and other vegetables. Should be applied in early morning while dew is on plants. Lb. 10c, by mail; postpaid, 20c; by express not prepaid, 10 lbs. 90c, 100 lbs. $6.00.

TOBACCO STEMS For fumigating plants infested with greenfly etc. Lb. 15c, by mail 20c, postpaid; 10 lbs., not prepaid, 50c, 100 lbs. $4.50.

FISH OR WHALE OIL SOAP Makes an excellent wash for trees and plants where insects and eggs are to be hurled, and for smearing on the trunks of trees to prevent worms from crawling up. Lb. 15c, 2 lbs. 25c; if by mail, add 15c per lb. for postage.

BORDEAUX MIXTURE 1 lb. 35c, 5 lbs. $1.50, not prepaid.

PARIS GREEN Write for prices.

"Black Leaf 40"

"Black Leaf 40" is a concentrated solution of Nicotine Sulphate, manufactured and guaranteed to contain not less than 40% of nicotine by weight. It is perfectly soluble in cold water; does not clog the nozzle nor corrode the spray outfit; can be combined and applied with Lime-Sulphur, Bordeaux, Pyrox, Arsenate of Lead, Atomic Sulphur and such sprays. It is highly recommended by the State and Government experts.

"Black Leaf 40" is used as a killing and effective spray for plant lice (aphids), thrips, leaf-hoppers, and similar insect pests in the truck garden, orchard, flower garden, grove, park, vineyard, etc.

Price
1 oz., sufficient to make 6 gal. postpaid $0.40
1/2 lb., sufficient to make 40 to 150 gal. postpaid 1.25
2 lbs., sufficient to make 160 to 600 gal. not prepaid 3.00
10 lb., sufficient to make 800 to 3000 gal. not prepaid 11.50

Corona Dusting Sulphur

For Fungous Pests
We have prepared a very fine sulphur known as CORONA DUSTING SULPHUR, it is pure sulphur, and so fine that it will readily pass a 250 mesh sieve. Corona Dusting Sulphur is not poisonous and can be used with entire safety for the many purposes where powdered sulphur is usually required. 5-lb. carton, not prepaid $1.00, 10-lb. carton, not prepaid $1.75

Slug Shot
Non-poisonous, no danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it, unless in large quantities. 5 lbs. 50c, 10 lbs. 90c, by mail, postpaid, 1 lb. 30c, 3 1/2 lbs. $1.00. 1/2 gal. dusters, postpaid, 75c.

The Texas Seed & Floral Company, Dallas, Texas
INDEX TO GARDEN, FIELD AND FLOWER SEEDS

INDEX TO PLANTS, BULBS, ROSES, SHRUBS AND NURSERY STOCK

MISCELLANEOUS INDEX
### Notice

We have worked hard to ensure that we can give you a prompt service by shipping these goods the same day your seed order is received. If you do not receive your plants in a reasonable time, please write us and the matter will have our personal attention.

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**ALL ORDERS FOR PLANTS ARE SENT DIRECT FROM OUR GREENHOUSES AND ARE NOT SENT WITH OTHER GOODS**

**Name**

**P. O.**

**County** — **State**

**R. F. D.** — **Box**

**Exp. Co.** — **Exp. Off.**

(State name of Exp. Co. and Exp. Office)

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**ABOVE ORDER BLANK FOR PLANTS ONLY**

**THE TEXAS SEED & FLORAL CO., Dallas, Texas**

Please remember that your order for Plants may not reach you as promptly as your Seed order.
Notice—We have worked hard for some time past to arrange our “Mail Order Department” so that we can give you better service in the future. We are going to make an effort to ship these goods the same day your order is received. Please remember that the mails are sometimes delayed. If you do not receive your seed or plants promptly, please allow a day or two extra time, then write us and the matter will have our prompt attention.

THE ABOVE ORDER BLANK FOR PLANTS ONLY
THE TEXAS SEED & FLORAL CO., Dallas, Texas
The Texas Seed & Floral Co.

DALLAS, TEXAS

WE give no warranty express or implied as to description, purity, productiveness or any other matter of any Seeds, Plants or Bulbs we send out, and we will not be in any way responsible for the crops grown therefrom. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money that has been paid for the same will be refunded.

Name

(Ladies please prefix Miss or Mrs.)

Postoffice—R. F. D., No. Box No.

County State

Express or Freight Office (Only if different from Postoffice)

Forward by (State whether wanted by Mail, Exp. or Ft., and name of Exp. Co. or Railroad)

Are you a Market Gardener or do you plant for Home Use?

PLEASE REMEMBER that all seeds priced by the packet, ounce, pound, pint and quart are postpaid except where noted. If wanted sent by freight or express, purchaser paying charges, deduct 10 cts. per pound, 5 cts. per pint and 10 cts. per quart from catalogue prices where quoted postpaid.

QUANTITY No.

ORDER BLANK FOR SEEDS

PRICE

AMOUNT CARRIED FORWARD.

WHY YOU SHOULD BUY TEXSEED BRAND SEEDS

It would be poor satisfaction for us to furnish our customers with seed that did not give satisfaction. That is why we established and maintain a Complete Scientific Seed Laboratory.

OUR METHODS and equipment are identical of those used by the U. S. Department of Agriculture, Washington, D. C., and our LABORATORY is supervised by an expert SEED ANALYST. We are, therefore, prepared to give you accurate and scientific information in regard to the seed you buy from us, as all our field seed are tested for both purity and germination and garden seed for germination.

THE ONLY SEED LABORATORY IN THE SOUTHWEST
SPRING 1918

IN ORDERING, USE THIS SHEET; ALSO ENCLOSED RETURN ENVELOPE

The Texas Seed & Floral Co.

DALLAS, TEXAS

WE give no warranty express or implied as to description, purity, productiveness or any other matter of any Seeds, Plants or Bulbs we send out, and we will not be in any way responsible for the crops grown therefrom. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money that has been paid for the same will be refunded.

Name __________________________ (Ladies please prefix Miss or Mrs.)

Postoffice __________ R. F. D., No. __________ Box No. __________

County __________ State __________

Express or Freight Office (Only if different from Postoffice)

Forward by ________________________ (State whether wanted by Mail, Exp. or Frt., and name of Exp. Co. or Railroad)

Are you a Market Gardener or do you plant for Home Use?

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THE ONLY SEED LABORATORY IN THE SOUTHWEST
A Flower Garden For 50 cents

The Collection illustrated, regular value 75 cents, will be sent Postpaid to any address for 50 cents.

These Flowers are especially adapted to the South
TEXSEED

COLLECTION OF ACCLIMATED ROSES

12 NAMED VARIETIES FOR $1.25
POSTPAID
ALL GROWN BY US ON THEIR OWN ROOTS.
WILL BLOOM THE FIRST YEAR

The collection consists of the following roses:

White Killarney
Miss Francisca Kruger
President Taft
Mrs. B. R. Cant
Bridesmaid
Wolseley

Lady Hillington
Rosecrin Angiss, Victoria
Mrs. A. T. Woodford
Souvenir de La Monaison
Radiance
General McArthur