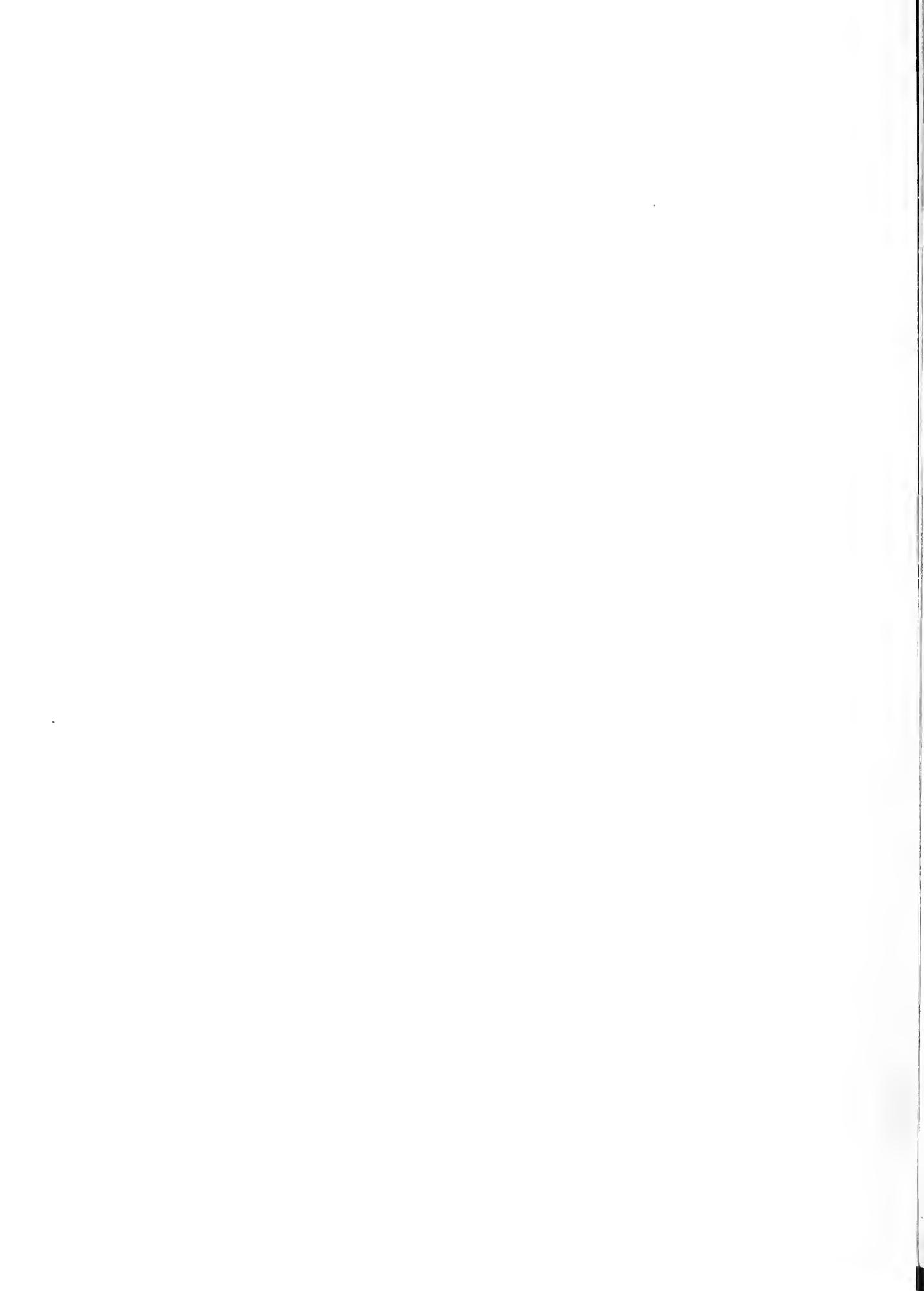


## **Historic, Archive Document**

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Annual  
Catalog

Madam Butterfly  
Roses

1920

★ JAN 17 1920  
U.S. DEPARTMENT OF AGRICULTURE



*Drummm*

SEED AND FLORAL CO.

FORT WORTH, TEXAS

## To Our Friends and Customers:



**T**HIS is our 31st Annual Catalog and we have tried to make it of more value to you than previous issues. Our catalog is keeping pace with our rapidly growing business, which has been built by service co-operation with our customers and High Quality Seeds, Plants, Cut Flowers and Nursery Stock. Our Landscape Department is in charge of an experienced landscape engineer, and many of our customers are not acquainted with this department. We are prepared to give you expert advice in beautifying your home grounds, and solicit your correspondence. We hope to have your continued orders which shall have our careful attention.

Yours respectfully,

**DRUMM SEED & FLORAL CO.**

No order for less than \$1.00 will be accepted for out of town shipment

### GENERAL DIRECTIONS TO CUSTOMERS

No order for less than \$1.00 will be accepted for out of town shipment

We respectfully call the attention of our customers to the following directions, which will, if followed, be an aid to purchasers as well as to ourselves:

**Order Early**—It will greatly facilitate shipments if orders are sent in early. We aim to send out all orders the same or the next day after receipt, but during the rush season this is impossible; hence the advisability of ordering early.

**Forwarding**—We prepay postage on the following articles when order amounts to \$1.00 or more and is accompanied by cash: Vegetable and Flower Seeds in packets, ounces, one-fourth and half pounds and pounds and on plants from 2 1-2 inch pots when ordered at the price per single plant.

**Packing**—No charge is made for boxes or packing, nor for delivery to freight depots or express offices.

**Remittances**—Remittance should be made by postoffice or express money orders; we disclaim all responsibility when remittances are made otherwise. When it is not possible to obtain these the letter should be registered. Postage stamps will be found a convenient method for remitting small amounts and can be used by us to good advantage. Coin should not be sent by mail.

**Cash with Order**—Please send money with the order, we decline to send goods C. O. D.

**Name and Address**—Please remember to write your name, postoffice, county and state; also give number of street or P. O. box as distinctly as possible; also give the nearest express office, or if on a stage route, send us directions, giving us the name of the express company delivering the goods.

**Treatment of Plants on Arrival**—The plants if in the least wilted should be placed with paper about them in shallow pans with water comfortably warm to the hand, where they should remain for from twenty minutes to half an hour; this restores their vigor, revives their leaves and increases their vitality.

**Soil**—For potting, should be composed of rotted sod about two-thirds well rotted cow manure one-third, thoroughly mixed together.

**Potting**—Do not use too large pots at first potting; one size larger than those in which the plants were originally grown are the best and as the pots become filled with the roots the plants should be re-potted. Put a few pieces of broken pottery in the bottom of the pots, and be careful to pack the soil firmly about the roots.

Do not fill the pots quite full of soil, but leave about a half inch of space to receive water. One thorough watering should be given, soaking the soil to the bottom of the pots, place in a sheltered place where they will not be exposed to the sun or wind for two or three days or until they commence to grow.

At the TEXAS STATE FLOWER SHOW held in Dallas, November 15 to 17, 1916, our CHRYSANTHEMUMS won six firsts, one special and one second prize; also sweepstakes over all competitors in the state.

### WE SHIP BY PARCEL POST ANYWHERE IN THIS COUNTRY.

Bulk limit (measurement around package both ways) in all zones 72 inches.

Liquids and goods packed in glass must be sent by express. We advise strongly against sending Cut Flowers by mail, but we will send this way when so ordered with the distinct understanding that they are at purchaser's risk; we accept no responsibility whatever for loss or delay on cut flowers sent by mail.

#### PARCEL POST RATES

	1st lb	Each additional lb or fraction
First zone, up to fifty miles . . . . .	5c	1c
Second zone, 50 to 150 miles . . . . .	5c	1c
Third zone, 150 to 300 miles . . . . .	6c	2c
Fourth zone, 300 to 600 miles . . . . .	7c	4c
Fifth zone, 600 to 1000 miles . . . . .	8c	6c
Sixth zone, 1000 to 1400 miles . . . . .	9c	8c
Seventh zone, 1400 to 1800 miles . . . . .	11c	10c
Eighth zone, over 1800 miles . . . . .	12c	12c

Ask your postmaster what zone you are in, make note of it and use this table.

Seeds, Plants and Bulbs can be mailed, the rate being one cent for each two ounces up to eight ounces. All packages over eight ounces take pound rates as per table above. In ordering a pound remit postage for two pounds, as packing will increase weight.

The weight limit to zones one and two is fifty pounds; to all others twenty pounds.

**OUR FORT WORTH NURSERIES** are located one and one-half miles from the City of Fort Worth at Riverside. To reach the nurseries you can take any car going north at the Union Depot. Go to Third and Main Streets, take a Riverside jitney and the driver will land you at the door of our grounds and greenhouses.

Our Riverside Nurseries cover eighteen acres of ground, where we grow varieties of trees, shrubs, roses and evergreens.

Our Riverside Greenhouses are the largest in the state and are built on modern lines and filled to overflowing with every variety of plants found in any of the Northern establishments. We grow annually hundreds of thousands of roses and other varieties of plants in proportion to the demand.

**Our catalogue is free on application. If you want friends to have our catalogue, have them send us their names.**

**Private Exchange:** Call for the department you want, 2700. After 6:30, East Side Nursery, 2701x. Night Phone, Rosedale 374.

**Holidays.**—Owing to the extraordinary demand, it is sometimes impossible to give you exactly the kind of flower you want. We do our best, but our customers will find we can give better values in mixed boxes of our own selection. Please don't order any flowers sent by mail on holidays—we positively can't fill same.

**Mothers' Day.**—One of the hardest days of all the year to supply the demand. If the weather is hot and damp, it is a time of poor quality and high prices. We shall endeavor to bill all stock at most reasonable prices, according to quality.

**Price of Cut Flowers during Christmas, Easter and Thanksgiving are not provided for in this catalog.**

**CASH WITH ORDER. WE DO NOT SHIP C. O. D.**

**NO ORDER WILL BE ACCEPTED FOR LESS THAN \$1.00**



# CUT FLOWERS



Ophelia

Flowers in any form can be packed so they will travel perfectly by express, and light packages by mail, at any season of the year. We do this, and make no additional charge for packing. If flowers are to be sent by mail, you should have them sent special delivery.

**LIVE AGENTS IN EVERY TOWN WANTED. WRITE FOR TERMS.**

The Cut Flower branch of our business has grown to be quite a large business in itself. There is nothing nicer than flowers in lending their beautiful influences.

A box of loose cut flowers, with their long stems and fine foliage, arranged with care, cause pleasant smiles of welcome when opened. A few flowers sent in this way make a pretty informal present to an acquaintance.

For birthdays, a bunch of loose roses, or other choice flowers—one for each year—are always acceptable. If in doubt as to the arrangement, mention purpose and price; leave the selection to us and you will receive satisfactory results.

It would be impossible to name a fixed price for flowers at the different seasons of the year. We might say, to give you an idea as to cut flowers, a very nice box of assorted flowers may be arranged for \$2.50 and up to \$5.00, and even higher; while we can fix up something very creditable from \$1.00 to \$1.50 per box.

We can assure you that we will at all times give you the very best that can possibly be given for the money.

No order for less than \$1.00 will be filled.

Cut flowers can now be sent by parcel post, always at your risk, but our experience is that they carry just as well, but remember, no parcel post goes out holidays, and we advise express shipments where possible. But if your home is on a rural route, parcel post is all right if flowers are to be sent by parcel post. Give your route and box number and include postage in your order. To insure quick delivery add 10c for special delivery.

The use of flowers becomes largely a matter of sentiment, their value appealing to our senses through the fitness of the forms employed, the perfect beauty and freshness of the flowers and proper arrangement.

Our established reliability and experience in the exacting cut flower trade gives assurance of an ability to meet all demands in the filling of orders, even on short notice. It is conceded that we excel in the arrangement of flowers suited to special uses, while we offer also, and practice that experienced judgment on details that lead to a proper finish of every order.

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Unless able to decide specifically what is wanted in ordering a good idea may be given of their intended use, and by leaving the selection to us, we are almost sure to give satisfaction. We continually attend to many details of floral decorations thus entrusted in our hands.

Out-of-town flower buyers should remember that a business of our established nature is in every way much better prepared to meet the wants of all purchasers than the florists in small towns, who only do a small business.

We are attempting in this, our annual catalogue, to give a few illustrations of some of our arrangements for funeral designs and wedding bouquets, etc., also wedding decorations. Thus exhibiting only cuts that have been photographed from decorations and designs and made by us during our business progress, consequently they are exact reproductions of our own work, and not taken from stock cuts, which very seldom are reproductions. We will price a few of these different designs to give prospective buyers an idea of the cost of flowers—the size of the piece is given as made up.

We also give a list of code words, so as to enable you when ordering by telegram to use very few words. Be sure and study up the code words before placing an order.

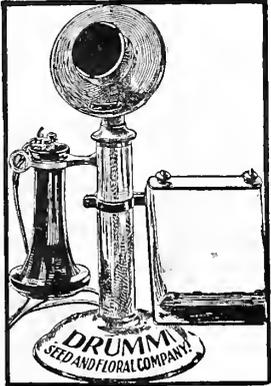
## CURRENT PRICE LIST

(SUBJECT TO CHANGE)

Prices are for Dozens unless otherwise noted	<b>Christmas Prices</b>
American Beauty Roses, \$7.50, \$12.00 and \$15.00	\$10.00, \$15.00 and \$25.00
Other Red Roses, \$4.00 to \$6.00	\$6.00, \$7.50 and \$10.00
White and Pink Roses, \$3.50 to \$5.00	\$5.00 to \$6.00
Carnations, \$2.00 to \$3.00	\$3.00 to \$5.00
Chrysanthemums, October to December, \$6.00, \$9.00, \$12.00 and \$15.00	
Single Violets (50 Violets in a bunch), 75c to \$1.00	
Sweet Peas (bunch of 25), 50c, 75c and \$1.00	
Calla and Easter Lilies (supply uncertain), \$6.00 to \$8.00	
Lilly of the Valley (supply very uncertain), \$5.00 to \$7.50	
Narcissus, Tulips, Daffodils, Jonquills (in season), \$1.00, \$1.50 and \$2.00	
Asters, Tube Roses, Gladiolas, June to September, \$2.00 to \$3.00	

Mothers' Day, always second Sunday in May, including three previous days. Carnations, \$3.00 to \$4.00. No change in other flowers. Christmas and Easter prices advance three days before.

**CASH WITH EVERY ORDER. WE DO NOT SHIP C. O. D.**



**DRUMM SEED AND FLORAL COMPANY**

DAY PHONE 2700

NIGHT PHONE, Rosedale 374

TELEPHONE YOUR ORDERS



# BOUQUETS

patterns in sashes for bride's bouquets, one of the newest creations being one designed in France especially for the Gould-Vanderbilt wedding. This is a dream; you should see it. No bonny bride would be displeased with this beautiful and artistically arranged bouquet.

Only give us a chance to show our skill in this particular line of work and you will feel fully repaid when you see how deftly your bouquet is made.

Prices, \$5.00; \$8.00, \$10.00 and up to \$50.00.

**Floral Muff.**—One of the newest arrangements for a wedding. This makes a very attractive floral arrangement for the bride to carry, as it is made of very light material and handsomely decorated with showers falling from the ends and over the front of the muff. The material of this muff is beautiful chiffon on invisible wire frame.

Prices, \$15.00 and \$30.00.

## The Bridesmaid's Bouquet

Truly the Bridesmaid's Bouquet can not be omitted; hence we are just the one to make them up to please the most fastidious. Our style is original and up-to-date. We strive to give good effect in the bridesmaid's flowers as well as the bride's, and flatter ourselves that all parties are delighted with our arrangements, etc.

We have made this class of work a study for years, and keep up with all the latest styles, as the arrangement of flowers change as well as dress, hence it behooves us to keep up to the minute in this department of our work. We are prepared to make them of roses, carnations, lilies etc., and in fact any flower you may select, and can fashion into a bouquet that will meet your approval.

If in doubt of exactly what you want, we would be pleased to correspond with you in regard to style, price, etc. Prices from \$7.50 to \$10.00 and up.

## Corsage Bouquet

The Corsage Bouquet is just the thing for receptions, balls, matinees, etc. Nothing adds more to a woman's appearance when in full dress than a beautiful and well arranged bouquet of flowers.

Give us a trial and we feel sure that you will always be our pleased customer when flowers are needed for these social functions. We make them of roses, carnations, violets, etc., and in fact any flower you may select. We can make them to please you.

Place your order with us and you will be delighted with our Corsage Bouquet.

Prices: Small plain, 75c and \$1.00; well finished, handsome, with selected tie, \$3.50, \$5.00, \$6.00, \$8.00 each and up.

## Hand Bouquet

What is more popular than a hand bouquet? It is used for all occasions. Therefore we make them in all varieties of flowers, from the daintiest to the most majestic flower. Even the most winsome bride would be proud to have one of our hand bouquets of roses, carnations, etc., on her wedding day, and the sweet girl graduate would also like to be favored on her graduation day.

In fact, they are universally used for all social affairs, and when in need of this particular bouquet we are confident we can please you, both in style and price.



Bride's Bouquet

## Bride's Bouquet

The Bride's Bouquet is very essential to a wedding, and we have met the demand in style, arrangement and price. The Shower Bouquet is quite popular at present, and we pride ourselves that none can equal us in this line. We make a specialty of this class of work, and feel sure that we have pleased our many customers.

We would call your attention to cut on this page, which is one of our many Shower Bouquets made of orchids, roses, lilies-of-the-valley, chiffon, etc. We also carry the latest



Bride's Shower Bouquet

Give us a trial to show what artists we are in arrangement of flowers. You will never regret placing your order with us. Nothing gives one more distinction and grace than an artistically arranged bouquet of flowers.

Price, \$5.00 and up.

**Lunch Favors,** for each plate or person, \$2.00 to \$5.00.

**Button-Hole Bouquets** of carnations, rosebud and fine flowers, 50c to \$1.00 each.



Corsage of Ophelia Roses and Violets, \$5.00 size

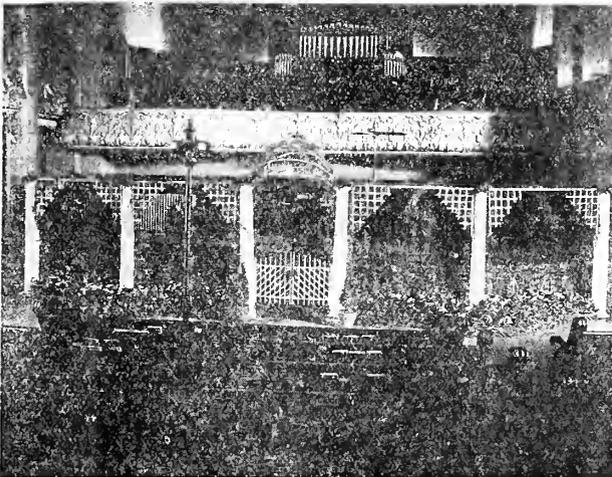


Corsage of Pink Radiance Roses, \$4.00 size

SPECIAL ATTENTION GIVEN TO WEDDING BOUQUETS AND DECORATIONS  
CASH WITH EVERY ORDER. WE DO NOT SHIP C. O. D.



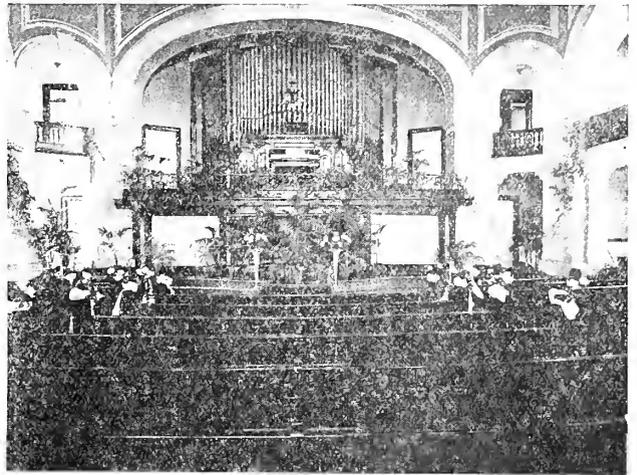
## CHURCH DECORATIONS



**First M. E. Church Fort Worth.**

No church wedding is complete without decorations. We carry a full line of palms, ferns, etc., and are well equipped to decorate any church—from the smallest to the most spacious.

These two cuts, above and on the left, show the interior of two churches which have been recently decorated. Note the arrangement of plants and flowers. It will please the most fastidious.



**Broadway Baptist Church, Fort Worth.**

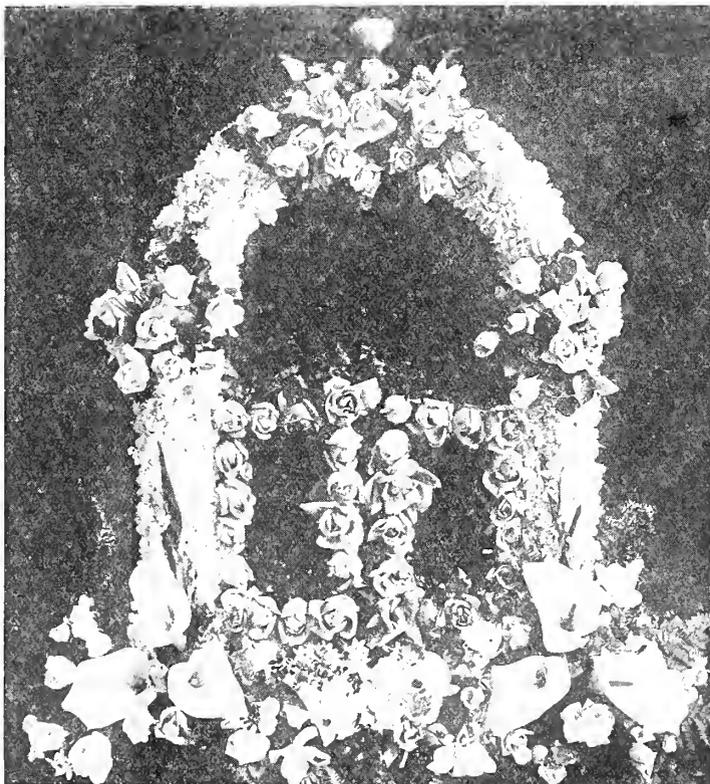
None can surpass us in giving good effect. We only ask you to give us a chance to show you the skill on occasions where you may need anything of this kind.

**Prices are reasonable—within reach of all. Depends entirely how elaborate the occasion.**

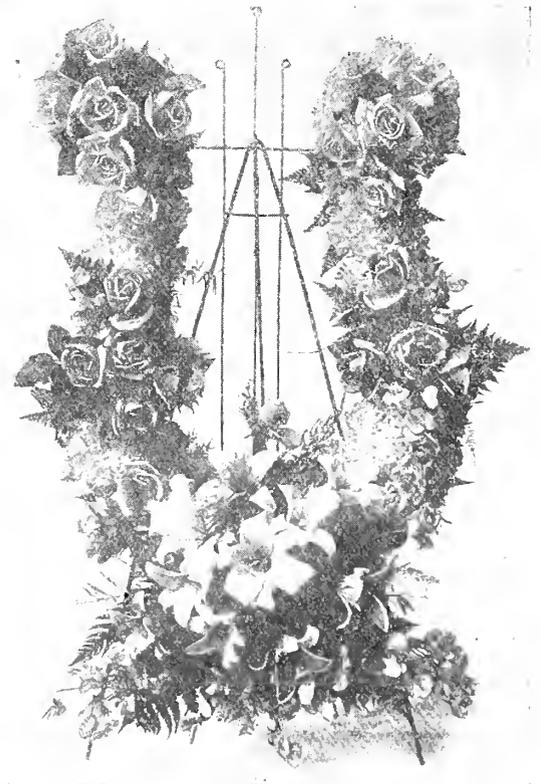
## FLOWERS FOR FUNERALS

In ordering funeral flowers on short notice, please bear in mind that it will be to your advantage to give us as much time as possible—the more time we have the more care we can bestow on the work. If we know the time of the funeral, it is often a great help to us in selecting the most suitable flowers as to durability, etc.

We give the two extremes in prices, both the highest and lowest, as they vary according to size, quality and scarcity of flowers, time and labor required to arrange the work. For example, wreaths from \$3.50 to \$10.00 and up.



**Gates Ajar, \$15.00 to \$50.00 and up**



**Lyre on Easel, \$6.00 to \$20.00  
If wanted on base add \$5.00 to above prices.**

**CASH WITH EVERY ORDER. WE DO NOT SHIP C. O. D.**



# DRUMM SEED AND FLORAL COMPANY



**Pillow, \$12.50, \$15.00, \$20.00 and up**

**Orders by Telegraph or Telephone.**—When flowers are wanted same day or next, it is always best to telegraph or telephone. By using the code words below, an order can be sent in a very few words. Designate the size or quality by the price. For example:

"Wave, Wreath, Five, Durable, Three," means: "Send today or early tomorrow wreath for \$5.00 and white flowers for \$3.50."

If you add the address of a person and the words "Hail" and "Snow," we will enclose your card, prepay all charges and ship to address named. Nothing more practical. We give these details special attention. Telephone your order when possible. The following cipher code will be found very useful when you telegraph:

- Wool**—Send on afternoon train today.
- Wonder**—Send on early train tomorrow.
- World**—Send on afternoon train tomorrow.
- Wave**—Send today or on early train tomorrow.

**Dancing**—If you cannot fill exactly as specified, you may substitute according to your best judgment.

**Durable**—White flowers for funeral purposes; colored flowers must not be used.

**Flowers or Cut Flowers**—Unless otherwise specified, means sorted colors and kinds.

**Hail**—Prepay express charges and charge to me.

**Snow**—This is for a present. Enclose my card.

In ordering, for instance, you want to buy a wreath of flowers, if you telegraph us, all that would be necessary is: "WEAR" if wreath for \$5.00; if wanted at once, add the word "WOOL."

If white flowers are wanted for funeral, say "DURABLE;" if you want us to prepay express, add the word "HAIL." This would mean: "One wreath, \$5.00, send on afternoon train, white flowers for funeral, no colors wanted, prepay express and charge to me."

This would explain that part of our code words. Kindly study out these different words, and you can, for a reasonable telegram, order anything you want.

We herewith give a few additional code words to distinguish the different pieces as priced, respectively:

**Madam** stands for broken column, 18 inches, from \$10.00 to \$12.00.

**Malden** stands for flat or lying lyre, 21 inches, from \$8.00 to \$10.00.

**Ware** stands for wreath for \$5.00.

**Wall** stands for wreath on base, 15 inches, \$7.50.

**Walk** stands for broken crescent wreath on base, 14 inches, \$8.00.

**Gage** stands for cross on base, 15 inches, \$8.00.

**Caulk** stands for plain cross, 14 inches, from \$5.00 to \$8.00.

**Passage** stands for pillow, 16 inches, from \$8.00 to \$10.00.

**March** stands for slanting heart, 21 inches, \$8.00 to \$10.00.

**Magk** stands for broken wheel, 18 inches, \$12.00 to \$20.00.

**Open Book**.—\$15.00, \$20.00, \$25.00.

**Odd Fellows' Design**.—Three Links, \$15.00, \$20.00.

**Sickle**.—\$3.50, \$5.00, \$7.50.

**Sickle and Sheaf of Wheat**.—\$5.00, \$7.50, \$10.00.

**Sheaf of Wheat**, with Cycas leaves and sprays of flowers, \$5.00, \$7.50.

**Preserved Cycas Wreaths**.—These will keep for several months in good condition when placed on a grave; \$3.00, \$3.50, \$5.00.

**Metal Designs**. Will keep indefinitely; very pretty flowers in metal and glass from \$3.00, \$5.00, \$7.50.

**Masonic Emblem**.—Square and compass in wreath, \$10.00, \$15.00.

**Shield**, on base, \$10.00, \$15.00, \$25.00.

**Star**.—In any colors, \$3.00, \$7.50, \$10.00.

**Star and Crescent**. Standing, \$7.50, \$10.00 and up.

**Triangle**.—\$5.00, \$7.50 and up.

**Cross and Crown**.—On base, \$10.00, \$15.00.

**Scroll**.—With any letters desired in purple or white, \$25.00, \$35.00, \$50.00 and up.

**Harp**.—A very pretty piece, having a striking effect, with gilded or purple strings flat or on base, \$5.00, \$7.50, \$10.00, \$15.00, \$25.00 and up.

**Plain Harp**.—Lying down, would be the same price—in ordering, say "HARP."



**Sheaf of Wheat on Base with Sickle, \$12.00 to \$35.00**

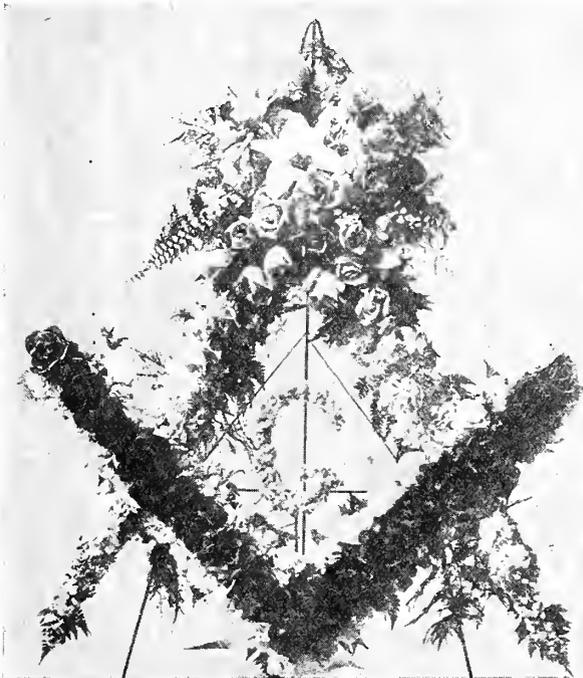


**Cross on Base, \$7.50 to \$35.00**



**Harp on Base, \$10.00 to \$50.00**

**CUT FLOWERS FOR SALE, PARTIES AND WEDDINGS. WRITE FOR PRICES**



**Square and Compass, \$6.00 to \$25.00**

**Cross.**—Maltese, \$6.00, \$8.00, \$10.00, \$15.00.

**Cross.**—Slanting, \$5.00 to \$10.00.

**Cross.**—Standing or reclining on base, \$6.00, \$8.00, \$12.00, \$20.00.

**Cross.**—Standing, \$7.50, \$10.00, \$15.00, \$20.00.

**Crescent Wreath.**—\$5.00 \$7.50, \$10.00.

**Clock.**—A magnificent design, \$25.00.

**Gates Ajar.**—The most showy of all designs and one which is widely used. Even the smallest size makes an excellent show. It is composed of base, two posts, an arch overhead and gate to swing in center; \$15.00, \$20.00, \$25.00, \$35.00, \$50.00 (See cut, page 3).

**Faith, Hope and Charity.**—Anchor, cross and heart on base. A very beautiful and appropriate design: \$10.00, \$15.00.

**Wreaths.**—The universal favorite; \$5.00, \$7.50, \$10.00, \$12.00, \$15.00 and \$25.00.

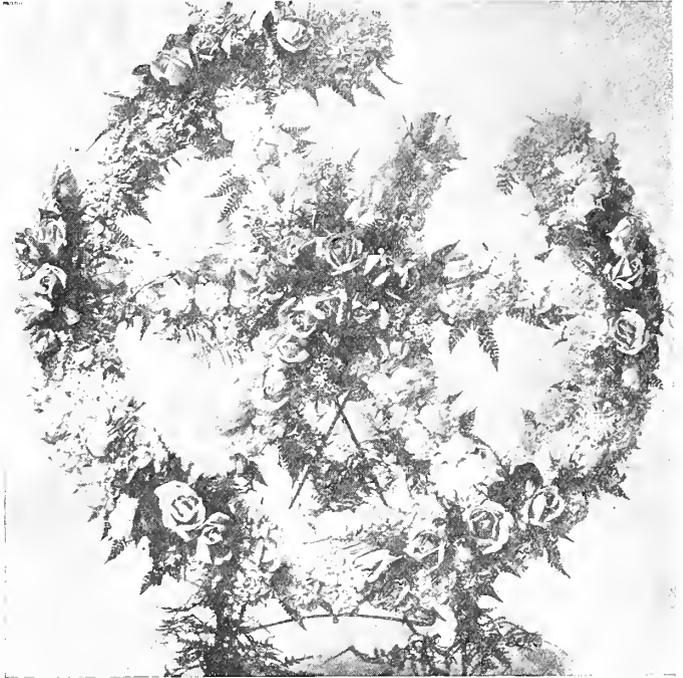
**Preserved Palm Leaves.**—35c, 50c, \$1.00 each.

**Heart.**—Solid, \$5.00, \$7.50, \$12.50, \$25.00.

**Heart.**—Open center, \$5.00, \$7.50, \$10.00, \$15.00.

**Ladder.**—\$12, \$15, \$20.

**Anchor.**—Beautiful and effective design, from \$5.00 to \$10.00.



**Broken Wheel, \$15.00 to \$35.00**

**Lyre.**—A beautiful piece, similar to the Heart in effect, but different in makeup; gilded strings; a very popular design; flat or on base; \$5.00 to \$10.00.

**Casket Bouquet** of white roses, \$3.00 up to \$10.00; ribbon extra.

**Casket Bouquet** of white roses on cycas leaves, with bow of ribbon. This is something very attractive. Price from \$5.00 to \$10.00.

**VACANT CHAIR.**

The Vacant Chair is appropriate for funerals. When decorated with beautifully arranged flowers, nothing could be a higher tribute to love and veneration for the departed than this suitable design.

The originality we display in the special design always calls forth the loudest praise. The beautifully arranged flowers and trailing vines only tend to make one realize and feel it is the vacant chair in the fullest meaning. The design is to represent a friend or member of some loved circle gone to their reward. Possibly no more suitable piece could be designed. Prices, \$35.00 to \$50.00.

**ELK'S HEAD.**

The Elk's Head is one of our masterpieces. It is a symbol of the Elk's Club, hence no design would be more suitable to show respect and love to your departed brother than this particular piece.

No one can surpass us in fashioning this intricate design, as it calls forth all the skill of a florist to give good effect in all its details. However, we have executed this beautiful design to the entire satisfaction of several lodges throughout the entire state. Prices from \$35.00 to \$50.00.

**Basket of Flowers**

A basket of flowers is appropriate to use on all occasions.

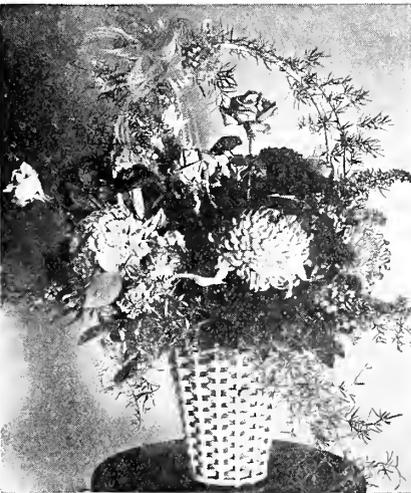
We make them up in all sizes. Their beauty and fragrance cannot fail to win them a most conspicuous place wherever used.

None can excel us in arrangement. We would be pleased to have your order when in need of a basket of flowers. They can be made of any variety of flowers to suit the occasion. We have baskets of all sizes and shapes, and with the embellishments of ribbon, flowers, etc., they are indeed beautiful.

Prices: \$4.00, \$5.00, \$8.00 and \$10.00 up.

We furnish sufficient ferns for ordinary purposes with flowers free of charge, but should an extra amount be needed, it can be obtained at the following prices:

Asparagus sprays, 5c each. Ferns, 25c per dozen; fancy, 35c per dozen. Smilax, 40c a yard.



**Basket of Roses and Chrysanthemums. Priced according to size, \$3.00 to \$25.00, using whatever flowers are in season.**



**Wreath, according to size, \$5.00 to \$25.00. Extra size, \$35.00 to \$50.00**

**SPECIAL ATTENTION GIVEN TO WEDDING BOUQUETS AND DECORATIONS**



# Palms

We call particular attention to our list of Palms, and venture to say that for the money expended there is nothing we offer which will give more satisfaction to our customers. They are especially grown for window and roof culture, and with ordinary care can be kept in perfect condition for years. With this point in view, we carefully selected only such sorts as are adapted for all purposes, so that the most inexperienced amateur is perfectly safe in ordering from this catalogue, from the fact that it contains only such plants as are highly ornamental and decorative.



Areca Lutescens

**Areca Lutescens.**—This majestic Palm is without a peer for strength and elegance combined. Its dark, glossy green leaves are gracefully curved on slender stems, and the entire foliage is gracefully disposed. The trunk and stems are a golden yellow, irregularly spotted with bronze green, giving it a peculiar charm. Price, fine plants, 2½ to 3 feet high, \$7.00 each; strong plants, 4-inch pot, \$1.50 each; 15 to 20 inches high, \$3.50 each; small plants, 12 to 15 inches, \$2.00.

**Cocos Weddelliana.**—This beautiful Palm is unquestionably the most elegant and graceful in cultivation. It is admirably adapted for the center of jardiniere and fern dishes, while for dinner table decorations it is unexcelled. Price, 12 to 18 inches, \$1.50 each; smaller plants, \$1.00 each.

### PHOENIX CANARIENSIS.

One of the hardiest of the Date Palms, with dark green, feathery foliage, of strong growth, and is especially valuable for outdoor decoration, as it stands sun and wind without the least damage, even in exposed situations, 4-inch, \$1.00; 5-inch, \$2.00; larger plants, \$3.50; handsome specimen plants, \$5.00 to \$10.00 each.



Sago Palm

### CYCAS REVOLUTA.

(Sago Palm.)

The Cycas makes a magnificent specimen plant, and is one of the most valuable plants grown for the decoration of lawn or house. Their heavy, glossy, dark green fronds resist alike the gas, dust and cold to which decorative plants are frequently exposed. Fine, shapely plants, with four leaves, \$2.00; with eight leaves, \$3.00; with ten leaves, \$4.00.



Phoenix Roebelinii

### PHOENIX ROEBELINII.

The magnificent new Palm, greatest of all decorative plants. The newest and in every respect the finest and most beautiful Palm grown. It has the beautiful and graceful foliage of Cocos Weddelliana, but ten times as much of it, and it is the hardiest and most easily grown of all Palms, and just the one that will succeed admirably in any window. Nothing can surpass it as a decorative plant. Fine plants from 2-inch pots, three leaves, \$1.00 each; 4-inch pots, six to eight leaves, \$2.00 each; 6-inch pots, fifteen leaves, \$8.00; large specimen, \$10.00 to \$20.00.

### SANSEVERA ZELANICA.

A beautiful plant, splendidly adapted in the decoration of drawing rooms and halls; it stands drouth and dust with impunity and requires scarcely any water. The leaves grow to a length of from three to four feet, and are beautifully striped crosswise, with broad white variegations on a dark green ground. It is a rare and beautiful plant, which can be grown in positions out of reach of sunlight, where other plants will not thrive. Though grown mainly for the beauty of its foliage, it is by no means an insignificant flowering plant. It blooms usually during May and June, sending up great plume-like spikes a foot or more in length. Price, 50c; large specimens, \$1.00 to \$2.00 each.



Sansevera Zelanica

### PANDANUS UTILIS.

Pandanus is perhaps the most useful of our ornamental foliage plants. As a vase plant of single specimen in greenhouse or conservatory, it cannot be surpassed. It is also largely used to decorate the halls in our finest private residences. Price, fine plants, from 4-inch pots, \$2.00 each; from 3-inch pots, \$1.00 each; 5-inch pots, \$3.00 each.

### PANDANUS VEITCHII.

One of the best and most attractive of decorative plants for the house. The leaves are light green, beautifully marked with broad stripes of pure white and gracefully curved. 4-inch pot plants, \$2.00; specimen, \$4.00 to \$6.00.

### KENTIA BALMOREANA.

This is, in our estimation, the very best Palm for house culture, as well as the most graceful and handsome. There are few plants that give more satisfaction all the year round.

**Small Size.**  
2½-inch pots ..... \$ .75  
3-inch pots, 10 in. high.. 1.50

**Larger Sizes by Express.**  
4-in. pots, 12 to 15 in. high. \$2.00  
5-in. pots, 15 to 20 in. high. 4.00  
6-in. pots, 20 to 24 in. high. 7.50  
7-in. pots, 24 to 28 in. high. 5.00

### KENTIA FORSTERIANA.

Much like Balmoreana, except that it grows taller, with larger, heavier foliage.

**Small Size.**  
2½-inch pots..... \$ .75  
3-inch pots, 10 in. high.. 1.50

**Larger Sizes by Express.**  
4-in. pots, 15 to 18 in. high. \$1.50  
5-in. pots, 18 to 24 in. high. 2.00  
6-in. pots, 24 to 28 in. high. 3.00  
7-in. pots, 28 to 32 in. high. 5.50  
8-in. pots, 32 to 36 in. high. 8.00



Kentia Balmoreana

**Latania Borbonica.**—(Fan Palm.)—This fine Palm is illustrated on this page. It is too well known to need any extended description.



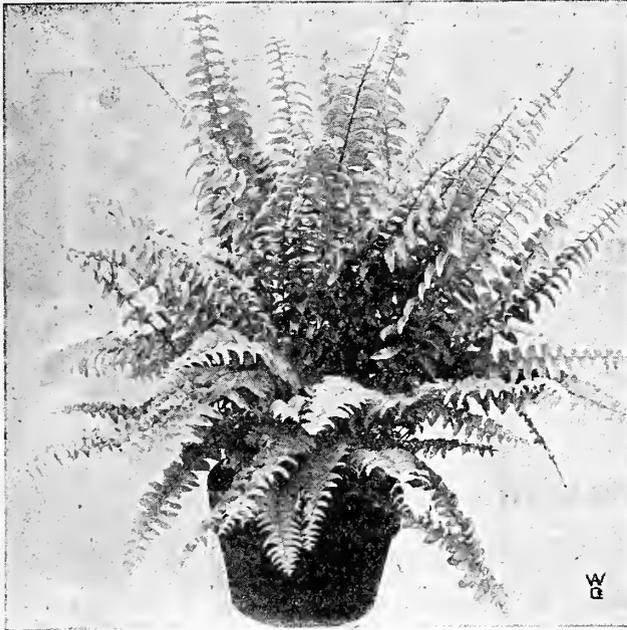
Latania Borbonica—(Fan Palm)

Its strong constitution and other grand characteristics render it one of the most popular Palms grown. Price, 3-inch, 75c each; 5-inch pots, \$1.25 to \$2.00 each; handsome specimens, \$3.50 to \$7.50 each.



# BEAUTIFUL DECORATIVE FERNS

These beautiful plants for home decoration vie with the Palms for first place in the esteem of flower lovers. They are finely cut and oddly shaped. Ferns give a graceful effect produced by few other plants and they do exceedingly well in the parlor and conservatory. The Nephrolepis family, of which the well-known Boston is a member, has furnished us many beautiful species of late years. We recommend all the varieties listed.



"Teddy Junior" Fern

## New Fern John Wanamaker

"The Wanamaker Boston Fern."

Originated from Scholzelii, with longer, narrower, gracefully drooping fronds. It is not so compact in growth as Scholzelii, and therefore does not decay in the center, and is a durable house fern. It is a rapid grower, making an abundance of fronds, and is quite distinct from any other Fern. Price, nice plants, 75c each; larger plants, \$1.00 and \$2.50 each.

**Teddy Junior.**—New dwarf Fern. Fronds are broad and beautifully tapered from the base to the tip, drooping just enough to make a graceful plant. Produces nearly four times as many fronds as any other Fern introduced. Compact, vigorous and thrives under most any condition. Price, 75c; larger, \$1.00 and \$2.50 each.

## ASPARAGUS FERNS

Their beautiful sprays of lovely, feathery foliage can be cut freely for bouquets, etc.

**Asparagus Sprengeri.**—Not only is it useful for cutting in sprays for fine cut-flower work, more particularly in connection with large roses, etc., but grown in suspended pots it makes one of the prettiest decorative house plants we know of. Used in decorations, as, for example, in the decorations of mantels, nothing can equal it. It is also a handsome thing for ferneries and hanging baskets. (See illustration.) Price, 15c each; plants, 4-inch pots, 50c each; 5-inch pots, \$1.00; large plants, \$1.50 and \$2.50 each.

**Asparagus Plumosus Nanus.**—One of the handsomest of our foliage plants. The leaves are a bright green, gracefully arched, and as finely woven as the finest silken mesh. The lasting quality, when cut, is remarkable, retaining their freshness for weeks, hence it ranks as the most valuable plant we have for this purpose, surpassing Maiden Hair Fern in grace, fineness of texture and richness of color. It is one of the finest decorative vines recently introduced; by many florists it is used instead of smilax; as easily grown and very much more beautiful on account of its light, feathery growth. Price, nice plants, 2-inch pots, 20c each; 4-inch pot, 50c.

## MAIDEN HAIR FERN

(*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. Price, 20c each; larger, 50c each; specimen plants, \$2.00 and up.

**Asplenium Nidus-Avis.** (Bird's Nest Fern.)—Broad banana-like leaves three to nine inches wide and two to four feet long (when fully developed) growing in a crown. Their color is a rich, transparent green intensified by closely parallel veins, and a prominent midrib of purple-maroon. By express, \$3.00 and \$5.00 each.

**The Boston Fern.**—This popular Fern has proved one of the best decorative plants of recent introduction. The fronds are much larger than the Sword Fern, and do not stand so stiff, but droop gracefully. Excellent for making large specimen plants, also for hanging baskets. Price, 3-inch pots, 50c; 4-inch pots, \$1.00; 6-inch pots, \$2.50 and up.

**Nephrolepis Scotti.**—Fitting companion for the Boston, dwarfer, more erect in growth, much darker shade of green, very gracefully arched. Very desirable as a house plant. Price, 50c each; larger, \$1.00 each.

**Whitmanii.**—We think this the most popular Fern. Rather dwarf in growth, but graceful, very compact, dense and feathery. Each frond or branch has a double row of perfect little fronds set at right angles to the midrib, and so thick they seem almost crowded. It is a healthy, vigorous grower, constantly unfolding fresh fronds of light green that contrast exquisitely with the deep green of the older fronds. It is somewhat like *Barrowsii*, but decidedly more fluffy, more delicate and beautiful. Fine young plants, 50c; four-inch for \$1.00; strong, handsome plants, \$2.00 to \$3.50 each.

**Plumed Scotti Fern. (Nephrolepis Scholzeii.)**—The ideal plumed Fern, holding the same position to all other plumed varieties that Scotti holds to the old Boston. It is a sport from Scotti, possessing all the merits of that most popular variety, but with the pinnate subdivided, giving it an airy, feathery appearance. Price, nicely shaped plants, 50c; larger, \$1.00 and \$2.50 each.



Asparagus Plumosus

## AQUATIC PLANTS

**Cabomba Viridifolia** (Washington Grass).—A pretty and popular submerged plant; leaves brilliant glossy green, fan-shaped, regularly cut and more beautiful than the most delicate fern. 20c per bunch, \$2.00 per dozen.

## WATER POPPY

Small oval leaves and showy flowers of bright lemon color, standing a few inches out of the water and producing freely all summer. Easily grown in a shallow tub or pan. Price, 25c each.

## WATER HYACINTH

One of the most remarkable, curious and beautiful plants we have ever grown. Instead of growing in soil, it floats in the water. Each flower is larger than a silver dollar. Color a soft lilac rose, sparkling as if covered with diamond dust. Will grow in open air in summer and in the window in winter, in anything which will hold water. Price, 25c each; \$2.50 per dozen.

## PARROT'S FEATHER

A novel aquatic hanging plant. Its long trailing stems are clothed with whorls of the most exquisite, finely cut foliage. Plant in a watertight basket, so water can be kept standing on the surface. 20c each; \$2.00 per dozen.



# Ornamental and Blooming Plants for the Home



Cyclamen Giganteum

## CYCLAMEN PERSICUM GIGANTEUM

One of the most beautiful and best adapted plants for winter blooming in the house or greenhouse; grows readily and flowers freely for a long period. The foliage being handsomely mottled, is very ornamental. The bulbs should be planted in a compost of loam, leaf-mould and sand, about half-covered, leaving the crown or top of the bulb clear; give a little water and keep in the shade until the leaves are well grown. Then, with plenty of light, air and temperature of about 60 degrees, they may be grown to perfection. Good drainage is essential. After flowering, the pots should be plunged in a shady, sheltered place until October, when they should be repotted. Handsome blooming plants, \$2.50, \$3.50 and \$5.00 each and up.

## DRACENAS

**Dracena Indivisa.**—Of all the plants in use for centers of vases, baskets, or for beds in the open ground, nothing is so valuable as this is. From its graceful, drooping habit it is sometimes called the "Fountain Plant." 75c and \$1.00 each.

**Dracena Terminalls.**—A superb species, with rich, crimson foliage, marked with carmine pink and creamy-white. It is a rapid grower, and for room adornment or as a vaseplant for outdoor use it is indispensable. Prices, \$1.00, \$1.50 and \$2.00 each.

## ALOYSIA CITRIDORA

**Lemon Verbena.**—25c; \$2.50 per dozen.

## RUBBER PLANT

We have a splendid stock of this useful ornamental plant, which will flourish under the most adverse conditions. Prices, \$1.00, \$1.50 and \$2.00 each; small plants, 12 to 15 inches high, 75c each.



Rubber Plant

## HYDRANGEAS

**Hortensls.**—A well known favorite old plant, producing large heads of pink flowers in great profusion. It thrives best in a shaded situation, with a plentiful supply of water. Price, small plants, \$1.00 each; large, \$2.00 to \$5.00 each.

**Thomas Hogg.**—This is the finest of all Hydrangeas. The flowers are produced in immense trusses of the purest white, of very fine texture, and continuing in flower for a great length of time; quite hardy in open ground. Price, small plants, \$1.00 each; large plants, \$2.00, \$3.50 to \$5.00 each.

**New Hydrangea, Red Branded.** A valuable Hydrangea with dark, red branches that brighten to a clear crimson color as they near the flower trusses. The plant is of a robust

## ACALYPHA SANDERII

Variously named "Chenille Plant," "Medusa of the Philippines." It is of very rapid growth, and produces continuous flower spikes from the axis of the leaves, which grow two feet and over in height and are a brilliant crimson color. They are curiosities well worth adding to your collection of house plants; a handsome decorative plant, very effective. 20c. each, \$2.25 per dozen.

**Acalyptha Triumphans.** — Bright rose-colored foliage. 25c each, \$2.00 per dozen.

**Acalyptha Obovata.** — Fine dwarf grown bronze with pink margin. 25c each, \$2.00 per dozen.

## LEMON—AMERICAN WONDER

In this wonderful Lemon we have the rich, glossy leaves like the Dwarf Orange, which are so easily kept clean. Its blossoms are waxy white, like a Tuberose and as fragrant as orange blossoms, producing fruit five times as large as the ordinary lemon. The Wonder Lemon must take a place in every good collection of house plants. Price, prepaid: First size, each 50c; four for \$1.50; medium plants, \$2.50 each.

## OTAHEITE ORANGE

The best Orange for pot culture. Is a dwarf; grows blooms and fruits freely in pots, even when only a foot or two high. With one or two pots of it anyone can raise abundance of the far-famed, delicate and fragrant orange blossoms. 50c each; medium plants, \$1.00 each.



Lemon—American Wonder

habit, and produces freely immense heads of deep rose-colored flowers. A novelty of sterling merit that is sure to become very popular. This is by all odds the prettiest Hydrangea. Price, small plants, \$2.00 each; large plants, \$5.00 to \$10.00 each.

## Flower Pots

These are packed in barrels and delivered to the express or freight office and receipted for; they are then at purchaser's risk.

Each	Doz.	Each	Doz.
4-in. ....	\$ .65	8-in. ....	20c \$2.00
5-in. ....	.85	10-in. ....	50c 5.00
6-in. ....	1.20	12-in. ....	65c 6.00
7-in. ....	1.50		

## SAUCERS FOR FLOWER POTS.

Doz.	Doz.		
5-in. ....	\$ .40	8-in. ....	\$ .90
6-in. ....	.60	10-in. ....	1.25
7-in. ....	.75	12-in. ....	2.00

Can not be sent by mail.



Five-inch Flower Pot

## Fern Pans

They are not so deep as the regular flower pots, and are used a great deal for growing Boston and other Ferns in; also asparagus plants, etc.

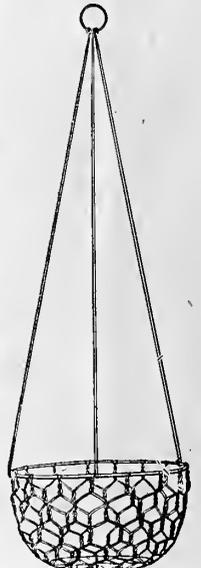
6-in. ....	\$ .15	9-in. ....	\$ .35
7-in. ....	.20	10-in. ....	.50
8-in. ....	.25	12-in. ....	.75

## Wire Hanging Baskets

	Each	Doz.
9-inch .....	45c	\$4.50
10-inch .....	50c	5.00
12-inch .....	60c	6.50

**Hanging Baskets.—First Quality.**—These baskets cannot be equaled in style, finish or make. They are ahead of any basket on the market. They will stand severe weather, and with a little care are good for ten to twelve years' wear.

A hanging basket properly prepared and filled with choice plants always attracts attention. Of course, much depends upon the arrangement of the plants, but more upon the selection of suitable varieties. We offer a grand collection, containing ten choice plants, enough for a large hanging basket or vase. Price, \$2.00. Should you have only a small basket, we will furnish you five choice plants, our selection, for \$1.00.



Hanging Basket



# Large Flowering Cannas

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect, plant in large masses of one color, setting out the plants 2 feet apart.

**Mme. Crozy.**—The popular bright scarlet with golden edge; foliage green; 4 feet. 15c each.

**Pennsylvania.**—One of the best flowers, which measure fully 6 1/4 inches in diameter, are produced remarkably free, and are of an intense vermilion scarlet, overlaid with an orange-shen; foliage rich green. 15c each; \$1.50 per dozen.

**Italia.**—Bright, orange scarlet, with broad golden-yellow border; the flowers are produced on massive stems set well above the foliage, which is large and heavy. 15c each; \$1.50 per dozen.

**Allemania.**—Pleasing dark salmon with golden markings. 20c each.

**Alphonse Bouvier.**—Finest tall brilliant crimson, foliage green; 6 to 7 feet. 15c each; \$1.50 per dozen.

**Beaute Poltevine.**—Brilliant crimson with scarlet shadings, compact; very free; green foliage; 3 feet. 15c.

**Duke of Mariborough.**—The finest of the very deep crimson; fine individual blooms in large trusses, and exceptionally free flowering and attractive; foliage green; 4 feet. 15c each.



Canna

## The Six Leading Cannas

IN THEIR RESPECTIVE COLORS  
THE BEST BRONZE CANNA

**King Humbert.**—A combination of the highest type of flower with the finest bronze foliage. Its flowers measure 6 inches in diameter, produced in heavy trusses of gigantic size, are a brilliant orange scarlet, with bright red markings; the foliage is broad and massive and of rich, coppery bronze with brownish-green markings. A bold and effective variety, making a gorgeous effect. 5 feet. 20c each, \$2.50 per doz.; \$12.50 per 100.

THE BEST RED CANNA

**Meteor.**—Flowers fully 4 inches across; color is deep crimson. Continues blooming luxuriantly all summer, 4 feet. Each, 50c; per dozen, \$4.00.

THE BEST PINK CANNA

**City of Portland.**—Distinct among the several really worth while pink Cannas. Derived from "Mrs. Alfred Conard." This new variety is a deeper, warmer pink, holding its tone through both hot and cold weather. The great, full-petaled trusses are borne very freely on heavy stalks, and make a wonderful show throughout the season. 3 1/2 feet. 50c each; \$5.00 per dozen.

THE BEST YELLOW CANNA

**Gustav Gumper.**—The finest yellow flowers of good size are held well above the foliage, the fine trusses always clean looking; color a rich golden yellow, a shade that has been missing heretofore. 3 1/2 to 4 feet. Each, 35c; per dozen, \$3.50.

THE BEST SCARLET CANNA

**Firebird.**—Color clear glistening scarlet; green foliage. Flowers a trifle better than Meteor. Its only drawback is its rather scant foliage. Each, 30c; per dozen, \$3.50.

**Louisiana.**—A strong, vigorous-growing variety, attaining a height of 7 feet; producing a dense mass of glossy green foliage and vivid scarlet flowers, often measuring 7 inches across. 25c each; \$2.50 per dozen; \$10.00 per 100.

**Florence Vaughan.**—Bright, rich golden-yellow, spotted with red, of large size and perfect form; foliage green; 4 feet. 10c each.

**Secretaire Chabanne.**—Distinct and pleasing salmon; 3 feet. 15c each.

**West Virginia.**—Intense crimson-scarlet, with broad golden-yellow border; foliage green; 3 feet. 15c each.

THE GRAND DARK-LEAFED CANNA

**"Black Beauty."**—In dark-leaved Cannas no variety attracts so much attention and is so effective as "Black Beauty," with foliage of the richest glistening bronzy-purple, shaded black, and having crimped wavy margins. 20c each; \$2.00 per dozen.

SURPRISE COLLECTION

We will select TWELVE CHOICE CANNAS from list for \$2.50, postpaid. This collection includes those varieties having flowers of crimson, scarlet, yellow orange, spotted and gilt edge shades, also bronze leaf sorts; our selection.

## CARNATIONS

Fragrant flowers always sought after, and the rich, spicy odor of the carnation, combined with its various colors, leaves little to be desired. Easily grown and bloom freely.

**White Enchantress.**—One of the finest white carnations. Type and habit like the original Enchantress. Flowers extra large and of purest color. Strong grower and profuse bloomer. Each, 15c.

**Mrs. C. W. Ward.**—One of the very good deep pink sorts, of attractive size and form, very free blooming and strongly scented. Each, 15c; per dozen, \$1.50.

**Philadelphia.**—Still a novelty on the general market, but tested out thoroughly by the introducers and has made a strong impression on florists who have watched it. The color is deep, glowing rose-pink, an always acceptable shade and the plant character seems to possess every desirable virtue. Each, 20c; per doz., \$2.00.

**Enchantress.**—A charming variety of immense size and delightful blush pink in color. The original of the popular Enchantress type of carnation, which is the favorite with florists. Each, 15c.

**Rose Pink Enchantress.**—This elegant new variety, which is a sort from the Enchantress, has created a great furore among florists and has captured the best prizes at flower shows. It is of extra large size and of beautiful rose color. Each, 15c.

**Nebraska.**—A most satisfactory variety, blooms lasting a very long time. Color is bright scarlet slightly tinged with orange. Produced on long stems which stand up well. Plant is a vigorous grower, and it is one of our most desirable sorts. Each, 20c. See cut.



**White Wonder.**—A greatly improved White Perfection, which begins blooming in September and continues throughout the season; snow-white, fragrant, absolutely perfect in form, large in size, on stiff stems, healthy and free and an easy rooter; grand in every way. The only variety that threatens to pass White Enchantress in the race. 20c each; \$2.00 per dozen.



Nebraska

CASH WITH EVERY ORDER. WE DO NOT SHIP C. O. D.



# CHRYSANTHEMUMS

**Our Chrysanthemums at the Texas State Flower Show won Six First Prizes and Sweepstakes. The following varieties are all prize winners:**

**Silver Wedding.**—The purest white, with broad, reflexed petals, forming a bold, handsome flower. One of the very best. 20c each.

**Golden Glow.**—A bright yellow of velvety finish, fine stem and foliage. Flowers five and one-half inches in diameter and fine form. The very best of early yellows. Price, 20c each; six for \$1.00; \$1.75 per dozen, postpaid.

**December Gem.**—A large beautiful white, perfect ball shape and a wonderful grower, one of the best late varieties we have ever grown. 20c each; \$2.50 per dozen.

**Major Bonaffon.**—Bright, clear yellow; the yellow for all purposes. 15c each.

**Wm. H. Chadwick.**—An immense striking bloom of a waxy-white; occasionally tinted rose. 20c each; \$2.50 per dozen.

**George W. Childs.**—No Chrysanthemum created such a sensation as did this. The flowers are of extreme beauty. 20c.



**William Turner**



**Pink Wm. Duckham**

**Black Hawk.**—The largest and most beautiful dark crimson scarlet yet introduced; looks like crimson velvet. 20c.

**Lynwood's Hall.**—A glorious new Chrysanthemum, glistening snow-white, of the largest size, perfectly incurved, of elegant finish, and with stiff stem and beautiful foliage. Was awarded first prize over all competitors at the New York show. Price, 20c each; six for \$1.00; \$1.75 per dozen, postpaid.

**Wm. Turner.**—A decided incurve of the purest white; fine form and a strong grower with clean foliage. 30c.

**Yellow Eaton.**—Bright yellow, incurved petals, immense size, often measuring 6 to 8 inches across the top. A truly wonderful flower, affording pleasing results. 30c.

**Wm. Duckham.**—(A Superb Pink Variety.)—This is probably the most sensational flower of the season. The flowers are extra large, massive and incurved, and in color an exquisite shade of pink, without any trace of purple. It is really a grand flower for either exhibition or commercial purposes, as it is a good, healthy grower, very strong stems and healthy foliage. It is easy to handle; a splendid variety for amateurs. Each, 20c; four for 65c; seven for \$1.00.

**Whittier.**—See description of midseason "Richmond." This is a later blooming form. Golden yellow. 20c each.

**Red Duckham.**—An exhibition variety of the finest type. The color is very odd, being a rosy-violet, very pretty and different from any other. The flower is large, borne on a stiff stem with good foliage. Price, 20c each; three for 50c.

**Edwin Seidewitz.**—A beautiful late, incurved, bright pink, maturing from Thanksgiving to early December. Surpasses all late pinks we have grown. 20c each.

**Early Frost.**—Most popular early white, coming into flower September 15th onward. 15c each.

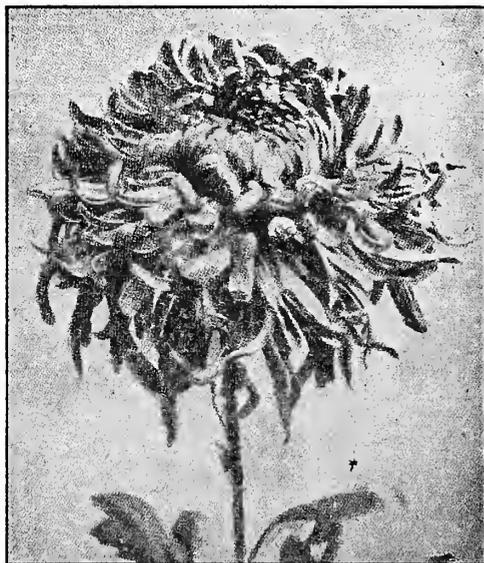
**Chrysolora.**—This new variety can be briefly described as an early Col. D. Appleton. 15c each.

**Hefen Frick.**—Color a beautiful clear pink (like the Mermet Rose) slightly deeper at the center

**Miss Clay Frick.**—White sport from William Duckham. Every 'mum grower knows the variety, William Duckham. The sport named above is identical with the parent save in color, which is pure white. This variety won the C. S. A. prize for "best undisseminated variety" at the Chicago Show. 20c; six for \$1.00. (See cut.)

**Golden Wedding.**—The grandest yellow ever offered. As an exhibition variety it has never had an equal in the same color, which is a deep bright yellow of shining texture. It is very large in size, the petals are long and broad and channeled lengthwise. One of the best. Each, 25c.

**Jeannie Nonin.**—Scored 98 and won the silver cup at Chicago. For Thanksgiving and later this has no rival; of the largest size, perfectly globular, finely finished, an easy doer and a splendid keeper and shipper. This variety is queen of commercial whites, the color being very pure; the most valuable introduction of recent years from the American standpoint; 4 feet. Latest white. Take second crown or terminal bud about September 15. Each 20c; six for \$1.00.



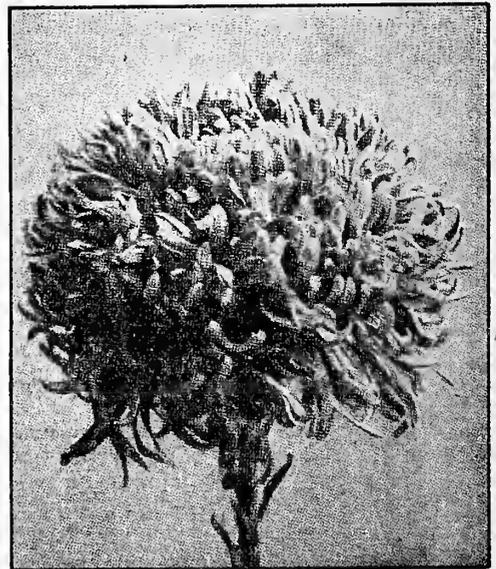
**Black Hawk Chrysanthemum**

**Intensity.**—(The Best Red.) This superb variety is the best red of recent years, is darker in color than George W. Childs, and a strong vigorous grower, with fine stem and foliage; petals slightly reflexed. Color, bright crimson, showing no reverse color, and is therefore especially valuable where a good red Chrysanthemum is desired. The flowers are large and of remarkable keeping qualities. Unequaled as a good red. 20c each; four for 75c; nine for \$1.25, postpaid.

**Richmond.**—A new golden yellow; noticeable for its long blooming season, fine form, perfect fullness and silky finish. 20c each; \$2.00 per dozen.

**Mrs. M. R. Morgan.**—A new "sport" and improved form of Yellow Eaton, superior in the matter of its center, which is full and rounded, and its wondrous depth of golden yellow color. 20c each; \$2.00 per dozen.

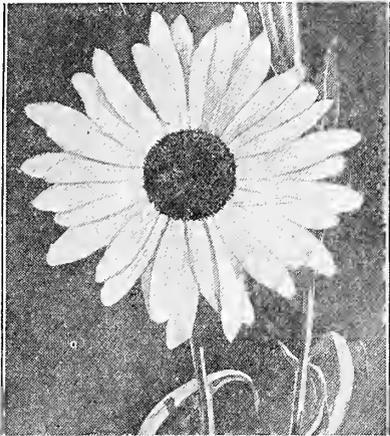
**Mrs. H. Weeks.**—Beautiful incurved white, with broad petals. 20c each; \$2.00 per doz



**Golden Eagle Chrysanthemum**

ALL OUR CHRYSANTHEMUM PLANTS ARE WELL GROWN, STRONG AND CLEAN

CASH WITH EVERY ORDER. WE DO NOT SHIP C. O. D.



Shasta Daisy

**Brilliant Coleus**

One of the most beautiful bedding plants. The colors of foliage run through an endless variety of shades.

**Sunset.**—Center brownish-purple shading to crimson, edge yellow.

**Trailing Queen.**—Elegant fringed leaves, blending from pink to crimson, finely scalloped edges. The plant is half trailing or running and is well adapted for window boxes, baskets or vases.

**Cecil Brown**

**Cecil Brown.**—(Trailing Queen.)—One of the most attractive for close bedding, boxes and hanging baskets ever introduced. Rather small, scalloped leaves of dark green, evenly checked with curving maroon lines; the wedge-shaped center gay with magenta and cream.

**Fire Brand.**—Maroon flamed, shaded fiery red.

**Queen of the West.**—Blotched and spotted carmine on green ground.

**Verschaffelti.**—Velvet crimson.

**Brilliancy.**—The largest-leaved and prettiest variety ever introduced.

Seven best varieties. Each, 15c; four for 50c; twelve for \$1.50, postpaid.

**HARDY EVERYWHERE**

**HERBACEOUS PEONIES**

**THE KING OF FLOWERS**

**Beautiful Double Herbaceous Peonies**

**The Old-fashioned Peonies of Our Grandmother's Garden.**

The wonderful improvements made during recent years in these old-fashioned hardy plants have made them immensely popular. After they are once planted, they require little attention and care.

The three varieties, *Officinalis Rosea*, *Officinalis Rubra* and *Officinalis Alba*, which commonly make up this section in the Peony family, represent the best in free early-flowering and reliable kinds.

**Officinalis Rosea.**—Deep cerise-pink; very striking. Price, 50 to 75c each.

**Officinalis Alba.**—Pure white; large and full flower. Very popular for cemetery planting. Price, 50 to 75c each.

**Officinalis Rubra.**—Deep crimson; excellent for early cut flowers. Very effective. Price, 50c to 75c each; \$5.00 per dozen.

**DRUMM'S BEAUTIFUL FLOWERS ARE APPRECIATED BY THOSE WHO WANT THE BEST**

**New and Scarce Crotons**

The following varieties of Crotons are quite an improvement over the older kinds, the foliage being more distinctly marked with brighter colors, therefore more attractive. \$2.00 each.

**Cape Jasmine or Gardenia Florida**

This splendid plant is a great favorite with all who know its true worth. The blooms are pure white, and measure 2 1/2 inches across and are delightfully fragrant. The flowers are extremely fashionable, and for this reason, together with its ease of culture, we feel sure of a lively demand. Price, 50c each; one-year size, \$1.00 each; two-year size, \$2.00 to \$5.00 each.

**Crown of Thorns**

(*Euphorbia Splendens.*)

A curious plant, with thick, fleshy twining stems, which are covered with stout, sharp spines, nearly one inch long. The foliage is bright green and the flowers are a beautiful coral pink, very pretty when in bloom. Price, 75c each; two for \$1.00, postpaid.

**Daisies**

**Shasta Daisies.**—\$1.00 per dozen, \$5.50 per 100.

**Giant Hardy Daisies.**—An improvement on the "Old Shasta Daisy." Much larger and finer. \$1.00 per dozen; \$6.00 per 100.

**Daisy, King Edward.**—The giant of giants in the Daisy family. Snow-white, yellow disc. \$1.00 per dozen, \$7.00 per 100.

**Tradescantia — Wandering Jew**

Fine for hanging baskets, vases, etc. Easily grown if it gets plenty of water. Price, 15c.

All pot plants priced singly from 2 1/2 inch pots will be sent postpaid when the order amounts to \$1.00 or more. This applies to plants' price in catalogue, not dozen, remember.

**Tube Roses**

Well known and easily grown. Should be taken up in the fall, dried, separated and put away in dry sand in a warm place until spring. The bulbs we offer will produce large flowers of the finest form and texture.

**Mexican Everblooming.**—The most beautiful single Tube Rose 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 extremely 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. 15c each, \$1.50 per dozen; by mail, per hundred, \$10.00.



Mexican Everblooming Tube Roses





# DAHLIAS

Spring is beautified by the Peony, summer would seem barren without the Rose; in like manner, we have come to expect of autumn—the Dahlia. The great number of more or less distinct varieties which cumber the Dahlia catalogs is bewildering. We are trying to keep our lists down to a reasonable selection from the established varieties we know, and what we deem the best of the new introductions.

**Culture.**—Dahlias are not particular as to soil or location. Although maximum growth and bloom reward the full sun, some of the stronger sorts develop most perfect specimens in partial shade; and localities with a moist atmosphere or dewy nights are apt to give better results than a drier air. A judicious use of fertilizer is always beneficial, but too much causes profuse foliage and stem at the expense of bloom. Frequent cultivation prior to the blooming season is absolutely essential to success. Time for planting varies according to climate, but is generally safe after all danger of late frosts is past. Tubers should be planted about 6 inches deep, laid flat, eyes or sprout up. Although good, lively tubers are apt to produce more stalks, started plants are more sure of development, and give practically an equal amount of bloom. We send out tubers until supply is exhausted, after which orders are filled with started plants at the same price.

## Cactus Dahlias

Characterized by long, narrow, pointed, tubular and twisted petals of graded lengths, giving the layered flowers a very striking and attractive appearance. This class presents probably the most striking general appearance, and its varieties are always among the most popularly sought.

**Attraction.**—Numerous, rather broad petals attractively waved, in perfect flowers of good size; a charming shade of lilac. 35c., dozen, \$3.00.

**Bianca.**—A most shapely and striking flower with wide petals of lilac-white shaded rose; showing a soft primrose yellow glow from the depths around the center. 35c. dozen \$3.00.

**Springfield.**—A new variety duplicating the magnificent form, character and freedom of Countess of Lonsdale, but of different color. The old variety has for years stood as the standard for true Cactus type and the very best salmon-pink Dahlia. This new form is a beautiful amaranth red, unique among its fellows, and a valuable addition for all uses. 35c. \$3.00 per dozen.

**Standard Bearer.**—Bright, pure scarlet. Flowers large, thick and full to center, of symmetrical and perfectly round form, petals semi-quilled. Extraordinarily productive and one of the best red cut flowers. 35c.

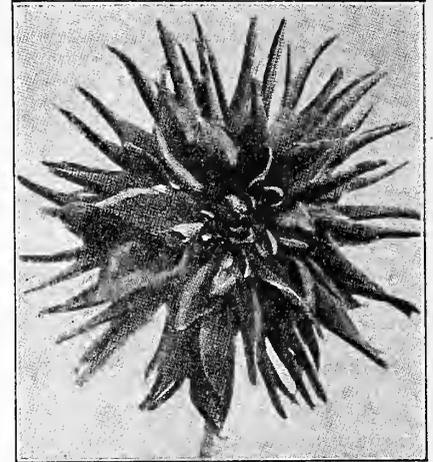
**Lord Minto.**—Full, symmetrical flowers, with long tubular petals cleft at the tips. Center pale yellow, passing to rosy salmon at the ends. 35c each, \$3.00 per dozen.

**Gen. French.**—A bold, upright effect in the field; furnishing abundant cut-blooms on long, firm stems. Flowers full and regular, a warm orange terra-cotta. 35c each, \$3.00 per dozen.

**Lawine.**—A beautifully-formed flower of large size; pure white, with a suggestion of blush at center. One of the best white Cactus for cutting. 35c each, \$3.00 per dozen.

**Eise.**—A charming new variety with a combination of delicate colors; buttercup yellow at base, gradually passing to amber, finished with a tip of Tyrian rose. One of the freest blooming and most striking of the light-toned fancy kinds. 35c each, \$3.00 per dozen.

The  
Cactus  
Dahlias  
Are  
Worthy  
of a  
Place  
In Your  
Flower  
Garden



Cactus Dahlia

**Marguerite Bouchon.**—One of the largest Cactus Dahlias grown, and unquestionably the finest of all the pinks in this class. Flowers are perfectly shaped, with long, pointed and very numerous petals; a lovely shade of warm pink, lighter at center. 35c each, \$3.00 per dozen.

## Large Flowering Hybrid Gladiolus



Within recent years American hybridizers have produced some of the very best Gladiolus being noted for their strong, free growth, free-flowering qualities, purity of color and their ability to produce satisfactory results in our climate even under the most ordinary conditions, and whether wanted for show in the garden or for cutting, the eight sorts offered under this head now hold the premier place in their respective colors, and are offered at prices so reasonable, considering their high grade, that they should be planted in quantity wherever summer flowers are wanted.

**America.**—Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; orchid-like in its coloring and texture. 10 cts. each; \$1.00 per doz.

**Mrs. Francis King.**—A striking shade of light scarlet or flame color; one of the most effective. 10 cts. each; \$1.00 per doz.

**Niagara.**—A charming variety, with all the good qualities of America, but of a delicate cream-yellow, lightly marked and splashed with rosy-carmine in the throat; beautiful as a cut-flower. 10 cts. each; \$1.00 per doz.

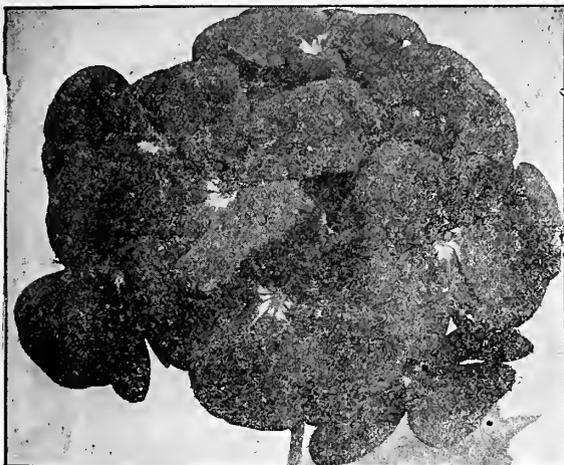
**Panama.**—A favorite wherever high-grade varieties are grown. It is similar to and has all the good qualities of America, but in color is a rich rose-pink. One of the finest. 15 cts. each; \$1.50 per doz.

**Peace.**—Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. 15 cts. each; \$1.50 per doz.

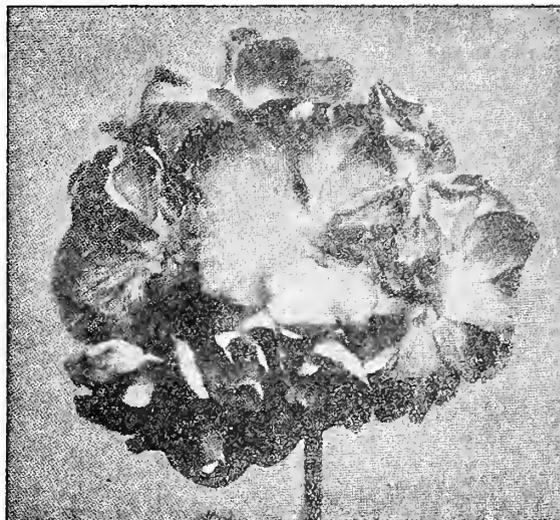
**Princepts.**—Immense wide-open amaryllis-like flowers of a rich, dazzling scarlet, marked with white on the lower portion, which serves to intensify the brilliancy of the scarlet. 10 cts. each; \$1.00 per doz.

**Schwaben.**—A most meritorious imported variety of wonderful vigor, with strong erect spikes and large, well expanded flowers of a clear canary-yellow with a small blotch of deep garnet in the throat. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

**Mrs. Frank Pendleton.**—All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong, straight spikes. In color a lovely salmon-pink with brilliant deep, red blotches in the throat. A color combination rivalling many of the finest Orchids in its richness, exquisite in every way. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



Marquis de Castellane



Berthe de Pressilly

## Geraniums Standard Varieties

All Geraniums priced at 25c each will be sold at \$2.50 in dozen lots. No reduction will be given for a lesser number.

**THE BRUANT RACE — FINEST BEDDERS IN THE FAMILY.**

All 4-inch Pot Geraniums in Bloom 50c each, \$5.00 per dozen. Except where noted, 20c each, \$2.25 per dozen.

**Dagata.**—The finest pink bedder extant; the freest grower among free-flowering sorts that we ever met; habit perfect; freedom wonderful; attracts attention among a hundred other sorts. The color is bright pure pink (an improvement on Fleur de Rose and Jean Viaud), with large plume of white at base of upper petals; a most effective bedder, often throwing the sixth and seventh petal. 25c each, \$3.00 per dozen.

**Jean Viaud.**—Soft, pure pink; semi-double, with two white blotches. Dwarf, stocky grower, rigid stems; large trusses, perfect florets; a continuous bloomer, plant being covered with flowers throughout the season.

**Aiphonse Ricard.**—The leading scarlet bedder.

**Beaute Poltevine.**—Semi-double. Enormous flowers, aurora-pink fading to bright salmon center. The grandest of all the light fancy Bruants. 25c each.

**Thos. Meehan.**—Double. Extremely large trusses and very large florets, almost circular in form. Color, quite distinct in this section—brilliant rosy pink, the base of the upper petals marked orange. 25c.

**Mme. Jaullin.**—Semi-double. Very large florets compose a truss of grand size; center, tender pink, surrounded by border of white. For freshness and beauty this color is without a parallel among outdoor bedding varieties, and is equally fine as a pot specimen.

**Marquis de Castellane.**—A shapely dwarf grower, with immense flowers about 2 1/4 inches in diameter; petals undulating on the edges, very fine and distinct. One of the best bedders, besides blooming freely in winter. Fine for pots.

**John Doyle.**—It is a strong, vigorous grower, throwing its truss up well above the foliage, of enormous size, and of the richest brilliant vermilion scarlet. 25c.

**Buckner.**—Flowers purest white; not a trace of coloring at center. Very free flowering, always a perfect mass of white. Plant dwarf and bushy. 20c.

**Able Schaefer.**—A semi-double crimson scarlet, with elegant florets and very perfect form; truss fine, on good stems; a fine grower. As good as S. A. Nutt, with better constitution. At the present time we consider this the very finest and most dependable red bedder yet introduced. 25c each.

**S. A. Nutt.**—The very best of the dark crimson-scarlet bedders. Always in heavy demand. We have a very large stock of it. Stands the sun perfectly and is always a mass of blooms. 15c each, \$1.50 per dozen.

**Mrs. J. M. Garr.**—Of dwarf, compact habit, and freedom of bloom; is superior to all whites, and equal to the best scarlet bedders. 20c each, \$2.25 per dozen.

**Double Dryden.**—Magnificent combination of colors; center of flowers coral white, gradually shading to the most exquisite, glowing, soft crimson; beautiful variety; strong and robust. 20c.

**Francis Perkins.**—This is the best double pink bedding Geranium. Extra strong, vigorous grower, throwing out tall spikes of large, well-formed flowers of a bright pink color.

**Berthe de Pressilly.**—Beautiful silver-rose of exquisite brightness; the blooms are extra large, very double; the habit is dwarf, robust and branching.

**Rose-Scented.**—Two kinds, broad leaf and cut leaf. This is the most popular of all scented geraniums. 20c each.

**Skeleton-Leaved.**—Leaves very finely cut; rosy; fragrant. 20c.

**Balm-Scented.**—Delicious balm fragrance. 20c.

**Nutmeg-Scented.**—Small leaves, nutmeg perfumed. 20c each.

### APPLE-SCENTED GERANIUMS.

There are few, indeed, who are not acquainted with this grand old favorite. A plant of it will fill a room with its delicious odor, which is precisely like the fragrance of apple blossoms. Price, 30c each.

## New Geranium—La Favorite

This new double white Geranium is, we believe, the finest white ever introduced and the best all-round Geranium in cultivation. It is as free-flowering as any of the single varieties. It can be used for planting in beds for furnishing a supply of beautiful white flowers for vases, or for pot culture for winter flowering. Is a dwarf, compact-growing variety. The foliage is a bright, healthy green, with a band of a darker green,

encircling each leaf. The flowers are borne in large trusses of the purest snow white. No Geranium in our collection is admired more than La Favorite. 20c each, \$2.25 per dozen.

### SPAULDING PETS.

This is recognized as one of the very best Geraniums for bedding in Texas; we except none. It is absolutely sun-proof. Write us for special prices on Spaulding Pets. 15c each, \$1.50 per dozen.

**Mrs. E. G. Hill.**—For those unacquainted with the variety, we should say it is a most distinct and pleasing shade of salmon, with light shading to the center. The finest salmon-flowered Geranium to date. 25c each.

**Baronne Alice de Rothschild.**—A robust grower, with splendid trusses; florets enormous, semi-double and circular; color, hydrangea-pink with large white mark; extremely fresh and pretty. 25c each.

We can furnish handsome specimens in four-inch pot Geraniums, \$5.00 per dozen.

## Ivy-Leaf Geraniums

These are among the prettiest flowers we have. They are exquisite and borne in large clusters all the year around. The plants are of graceful trailing growth, with bright, glossy ivy-shaped leaves; fine for pots, window boxes, etc., also for bedding.

**Gordon's Glory.**—Reddish purple, full flowers. 25c each.

**Jean D'Arc.**—A beautiful pure white. 25c each.

**Achievement.**—Pure rose with white eye. 25c each.

**Caesar Franck.**—Soft, rich crimson. 25c each.

**Duke of Edinburgh.**—Large double pink. 25c each.

**Souvenir de Chas. Turner.**—Pink and maroon. A handsome flower. 25c each.

### THE NEW EVERBLOOMING PELARGONIUM

## Easter Greeting

The flowers of Easter Greeting have the large size and the gorgeously rich coloring of the "Lady Washington Geranium." To this is added, in Easter Greeting, the habit of continuous Blooming, which has made the ordinary bedding Geranium so highly valued. Easter Greeting is the first of a new race and one of the most valuable introductions in recent years. As an Easter plant it rivals the Azalea; but, unlike the Azalea, Easter Greeting will remain in full bloom all summer. Each, \$1.00, \$2.00 and \$3.50.



## Heliotropes

### Four Grand New Varieties.

Heliotropes are universal favorites on account of their delightful fragrance and flowering equally as well as bedding plants in the summer, or as pot plants in the house during the winter. A bed filled with them produces a mass of color that can hardly be equaled by any other kind of plants. Indeed, there is nothing that will give so many sweet-scented flowers all through the summer as Heliotropes. They can be potted up in the fall and will flower more or less all winter.

**Albatross.**—Large panicles of pure white flowers in great profusion all season; the best white variety to date.

**Heavenly Blue.**—Large, close panicles of exquisite light blue flowers, with white eye.

**Lavender Queen.**—Very large trusses of a beautiful shade of lavender, suffused with rosy mauve.

**Royal Purple.**—Color deep violet purple with white eye.

Price 20c each, four sorts for 75c.

## Hollyhock

**Hollyhock.**—Crimson yellow, white, pink. Price 20c each, \$2.25 per dozen.

**Mammoth Fringed.**—Extra large flowers, in mixed colors. Pinely curled and fringed. 20c, six for \$1.00, \$2.00 per dozen.

## Justicea Bicolor

This plant is in bloom nearly all the year. The flowers are star-shaped, white-tipped, crimson maroon, and resemble some species of orchids. 25c.

**Justicea Carnea and Rosea.**—Good plants for the house, and bloom winter and summer; red and rose. 25c and 50c.

## Maurandia

A climbing plant, with graceful foliage and handsome purple trumpet-shaped flowers. 15c, three for 40c.

## Nasturtium

A desirable plant for rockwork, vases, trellises, etc.; bright showy flowers. 10c each, \$1.00 per dozen. (Also see Flower Seed.)

## Mammoth Flowering Hibiscus

### Grand Bedding and Border Plants.

The following varieties at 20c each, or three for 50c; \$2.00 per dozen, postpaid; \$12.50 per 100, by express.

**Carminatus Perfectus.**—Soft carmine-rose, with a deep crimson eye.

**Grandiflora.**—Rich scarlet-crimson flowers.

**Peachblow.**—One of the finest plant novelties. The flowers are double, of a charming rich clear pink color, with a small, deep crimson center; an entirely new and most beautiful shade. Price, 25c each; two for 45c; \$2.50 per dozen, postpaid; \$10.00 per 100, by express.

**Rubra.**—Double red. Flowers very large.

**Sub-Violaceous.**—Flowers enormous size, tinted violet.

## Ipomea—Moon Vine

**Leiril.**—This handsome new climber, a native of Ceylon, has deep, azure-blue flowers, with crimson bars, frequently called the "Blue Moon Flower." When grown with the white one the contrast is striking and very effective. 15c each.

**Noctiflora.**—(**Evening Glory or Moon Flower.**)—This still continues the most popular vine in existence. For easy culture, rapid growth and freedom of bloom, it certainly has no equal. Flowers pure white, six inches in diameter and open at night and on all dull days. The demand exceeded our supply last spring, but we think we will be able to fill all orders this season. 15c each; \$1.50 per dozen.



Pansies

## Madeira Vine

A beautiful rapid-growing vine with dense foliage. Grows well anywhere, but succeeds best in sunny, well sheltered location. Strong tubers, 10c each; per dozen, \$1.00.

## Chinese Kudzu Vine

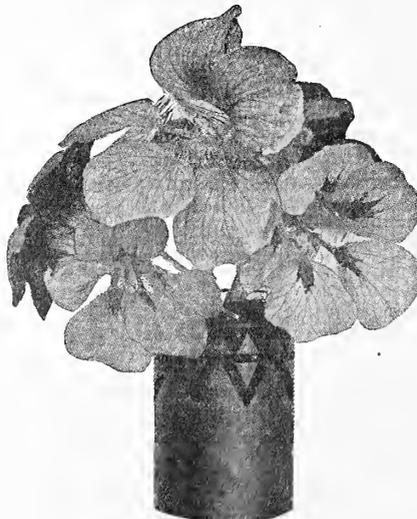
A hardy and remarkably vigorous vine, frequently producing stems forty to sixty feet long in a single season—a veritable Jack-and-the-Bean-stalk. Well adapted for covering arbors or verandas, especially where rampant vines and large, bold leaves are required. Price, 50c each; three for \$1.25, postpaid; \$3.50 per dozen.

## Cardinal Climber

A splendid new climber that has created a sensation wherever grown. Climbs to a height of 20 to 30 feet and is covered with beautiful red blossoms shaped like the Morning Glory. Leaves are deeply lacinated and are in themselves very decorative. We believe that everyone will be more than pleased with the Cardinal Climber. Nice plants, 25c each.

## Smilax

A pretty climbing plant with dark, glossy green leaves, extensively used in cut-flower work, decorating, etc. Also a good parlor or basket plant. Price, 15c.



Nasturtiums

## Pansy

The Pansy is one of the most pleasing and satisfactory of plants to grow, and should be planted by every lover of handsome flowers. Large blooming plants, 15c each; \$1.00 per dozen; \$10.00 per 100, by express at expense of purchaser.

## Christmas Pepper

Surprisingly pretty house plant. A round, compact bush twelve to fifteen inches in height with dark olive-green leaves and covered with curious little heartshaped fruits of bright colors—purple, white, yellow, orange and red on the same bush. Each, 25c.

## Impatiens Sultani

A lovely plant, either for house culture or open ground; nearly always loaded with brilliant, rosy-crimson flowers. 100 blooms at blooming season, 20c each; \$2.00 per dozen, postpaid.

## Violets—Very Scarce

Of all the delightful perfumes, that of the sweet Violet is the most delicate and pleasing.

**New Violet California.**—This beautiful Violet has created a decided sensation. It was raised in California, where it is cultivated by the hundreds of acres of cut flowers. Buyers prefer it to all others. It is entirely hardy and of the richest dark blue and very fragrant. Price, 10c each; \$1.00 per dozen.

**New Russian Violet.**—One of the earliest continuous bloomers; the flowers are nearly as large as the California, the color is much darker and richer. We grow this variety in large quantities and can offer special prices on hundred lots. Single plants, 15c each; \$1.00 per dozen.

## Ivy

**English.**—The well-known ever green climber; very hardy. 35c to \$1.00.

**Sceneclo Scandens.**—(**German or Parlor Ivy.**)—A more rapid growth and more succulent kind; well adapted to covering trellis work. 10c to 25c.

**Kenilworth.**—(**Linari Cymbairla.**)—A neat and delicate plant of trailing habit, with small, bright-green ivy-shaped leaves, and small, light, violet-colored flowers; well adapted to hanging baskets, vases, etc. 15c each; \$1.50 per dozen.

## Sage

**Holt's Mammoth.**—The plants of the new variety are very robust, making a remarkable growth the first season. They are perfectly hardy, and increase with age. The leaf is borne well above ground, is of unusual substance, strong in flavor and of excellent quality. They do not produce seed. 20c each; \$2.00 dozen.



**Salvias**

Very popular bedding plants, blooming from early spring throughout the hot, dry summer, when hardly any other plant can bloom—the growth is always satisfactory. We cheerfully recommend this plant for bedding purposes; it continues to bloom until cut down by frost. No other blooming plant affords a more brilliant coloring.

**Splendens.**—Covered in autumn with spikes of dazzling scarlet flowers. Price, 10c each; \$1.00 per dozen; \$5.00 per 100.

**Splendens Alba.**—A pure white-flowered variety of the above. Price 10c.

**Pitcheril.**—New blue; dwarf habit; one of the very prettiest and hardiest. Price 15c.

**Mammoth Verbenas**

One of the most valuable bedding plants. 10c each, 75c per dozen; \$5.00 per 100.

**Beulah.**—Deep pink with small white eyes.

**Beauty of Oxford.**—Fine, large pink; best pink bedder.

**Bluebird.**—Brilliant blue; large truss.

**Champion.**—Bright crimson; white eye.

**Century.**—Brilliant scarlet, clear white; scented.

**Damson.**—Rich purple mauve, clear white center.

**Glow-Worm.**—Brilliant scarlet, perfect form.

**Harlequin.**—White flaxed with rosy pink.

**Jersey Lily.**—Pure white; one of the best.

**Jean.**—Rosy pink, distinct white center.

**Lantana**

Having all shades—orange, sulphur, cream and white, changing from one color to another as they increase in age and development. Price, 15c each; \$1.25 per dozen.

**Alba Perfecta.**—White, very fine. 20c.

**Golden Ball.**—Bright orange; one of the best bedders.

**New Weeping Lantana Delicatissima.**

—This plant has a most graceful drooping habit, grows very rapidly and blooms continually summer and winter, producing large clusters of flowers of the most delicate lilac or rosy-pink; foliage a beautiful dark green. Price, 20c each; \$2.00 per dozen.



Verbenas

**Little Gem Feverfew.**—It is very dwarf, attaining a height of eight or ten inches; flowers are large, of a more perfect form and of the purest white. Price, 75c per dozen; \$5.00 per 100.

**Petunia**

**Single Petunias.**—Of compact bushy growth, fifteen inches in height, and about the same in diameter, and are covered through entire season with open-throated flowers one and one-half inches in diameter. Throat silvery-white, outer edge heavily shaded soft rose-pink, and many other beautiful shades. Price, 10c each; 75c per dozen.

**Mammoth Giants.**—Rich colors, assorted. 20c each; \$2.00 per dozen.

**Double-Fringed Petunias**

We have succeeded in getting the finest strain or set that we have ever offered.

**Pink Beauty.**—Large, clear, pink.

**Majestic.**—Deep purple.

**Storm King.**—Pure white; double.

**Gem.**—Variegated, white and crimson.

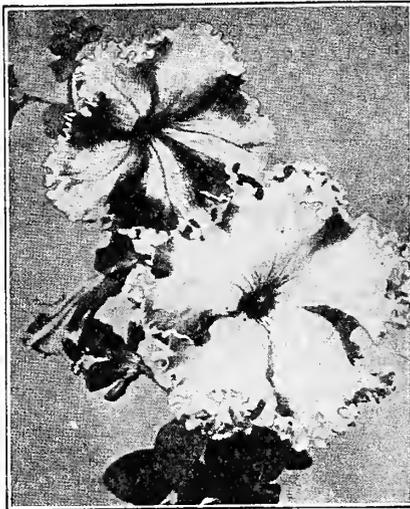
**Vesuvius.**—Very dark.

**Seafoam.**—Best white.

**Achillea.**—Purple, mottled white.

**Favorite.**—Beautiful lavender.

Price, 20c each; \$2.00 per dozen, post-paid.



Petunias

**Periwinkle or Vinca**

Handsome bushy plants, producing freely round, single flowers, one and one-half inches across, suitable for either pot culture or sunny flower beds; tender perennial, but flowers the first season; one and one-half feet.

**Rosea.**—Pink with velvety-crimson eye. Price, 2 1/2-inch pot plants, 10c; 75c per doz.

**Alba.**—Pure white; fine for cemeteries; never out of bloom from early summer till late frost. Price, 2 1/2-inch pot plants, 75c per dozen.

**Madagascar Periwinkle.**—One of the best summer bloomers; always in bloom; two colors, pink and white. 75c per dozen. (Also see seeds.)

**Vinca Harrisoni.**—A variety of strong growth; margin of leaves rich, dark green, with the central portion light green, furnishing an abundance of star-shaped, light blue flowers. Price, plants suitable for hanging baskets, 25c each; extra large, for vases, 35c each.

**Varlegated-Leaved Vinca.**—An elegant low-growing, climbing vine, bright, glossy green leaves, widely bordered, with creamy white; extra nice for pots, vases, baskets, window boxes and rockeries; good everywhere; always wanted. Price 35c each; six for \$1.25; twelve for \$2.25.

**Plumbago**

**Capensis.**—A beautiful free-flowering shrubby plant, producing large trusses of beautiful azure-blue flowers. Bedded out during summer, it blooms the whole season. Also fine for pots or tubs. 15c; \$1.50 per dozen. Large plants, 35c to 50c each.

**Russelia—New Variety**

**Lemoinei Multiflora.**—The primary stems strong and grassy. The flower panicles are extremely long, and are covered with tassels of flowers, one over the other. Color, a grand coral-red. It is well named the "Many Flowered." Price, 15c each; \$1.50 per dozen.

**Lemoinei Elegantisima.**—The primary stems are wiry and nicely covered with foliage, very graceful and arching in their form. The bloom is so freely produced as to cover the plant. Flowers a bright soft red. Price, 15c; \$1.50 per dozen.

**SAVO**

**ALL YEAR-ROUND FLOWER AND PLANT BOX.**

Watered Automatically.

The Savo Flower and Plant Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim, the watering is easy, the drainage ample, the air circulation perfect. The enamel finish both inside and out prevents rust or leakage and will last in constant use many years.



A shows the outside body of the box. B shows the water in the double-arched reservoir.

C shows the layer of coarse gravel over the perforated arches.

D shows the soil above with growing plants.

Directions for using—First place coarse gravel, pebbles, broken flower pots, charcoal or moss about an inch deep over the top of the double-arched reservoir, then fill the box with good rich black dirt, fill the reservoir with water and sow the seed or install the plants and see them grow.

**Standard Stock Sizes and Price List.**

Model A, 6 1/2 inches high, 6 1/2 inches wide, 23 inches long	\$3.00
Model B, 8 inches high, 9 1/2 inches wide, 29 inches long	3.50
Model C, 8 inches high, 9 1/2 inches wide, 35 inches long	4.00
Model D, 8 inches high, 9 1/2 inches wide, 41 inches long	4.50
Model E, 8 inches high, 12 inches wide, 12 inches long	3.00
Model F, 12 inches high, 12 inches wide, 12 inches long	3.50

These are outside measurements including the 1/2-inch roll rim.

Beautifully finished in Aluminum or Dark Green.



# COMBINE PROFIT AND PLEASURE

**A**S A PAYING PROPOSITION, as well as a most enjoyable pastime, a vegetable garden should be considered, for \$1.00 worth of seed will not only supply a good-sized family with vegetables the entire spring and summer, but leaves a surplus that may be sold at a good market price or canned for winter use.

Much is being written every day in magazines and newspapers upon the advisability of reducing the cost of living. In no way can it be better accomplished than by clearing up the waste places on the farm and in the garden and planting them with vegetables. A few cents expended in seeds, an hour or two of labor each week, will give surprising results. Even the back yard of a city or suburban residence can be transformed into a productive source of supply for the family.

## Tested Vegetable Seed for Southern Planter

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

### SEED PRICES

The condition governing the growing of seed this past season were such, shortage of high-class labor, shortage of seed, etc., that though in some cases the yields were good, prices have not yet reached a pre-war level.

You will note a reduction in the prices of many items, as beans, beets, peas, but on cabbage and salsify and a few others where the crops were short, the price is a little higher.

While we do not anticipate a shortage of most items, it is always best to place your order early to get the pick of the crops.

DRUMM SEED AND FLORAL CO.

## A Few Words About Irrigating the Home Garden

In seed beds, where small seeds are sown thickly, it is necessary to sprinkle the beds, never flood them. During the winter months sprinkle only in the morning when the water is warmer than the dew. This allows all the heat that accumulated in the soil during the day to be retained far into the night. During the hot summer months it will be necessary to sprinkle in the evening to revive the plants after a hot day.

When making a garden, whether for drilling or planting seed, or setting plants, always wet the ground thoroughly. GIVE IT A GOOD SOAKING TO A DEPTH OF TWO OR THREE FEET OR MORE. As soon as it is tillable—that is, as soon as it can be spaded and pulverized, or when the soil will not stick to the spade—dig it ten to twelve inches deep, put stable manure into every other furrow and turn it under. This is needed for humus and fertilizer, either in sandy or loamy soil, and more especially in adobe soil. Pulverize the soil thoroughly and rake it evenly. While it is still moist, plant seed from one-fourth inch to one inch deep, in heavy

soil, and a little more deeply in sandy soil. Planted this way, almost any variety of seed will germinate, and show above the ground in from four to ten days without irrigation. Never sprinkle a new garden before the plant is above ground, nor after, if you can irrigate between the rows. It is far better to irrigate than to sprinkle, and much less labor. Always mulch the soil after each irrigation, as soon as it mulches readily, but no sooner. To allow the soil to bake after irrigation is far worse than no irrigation at all.

To sprinkle the garden slightly each day during the summer months is of little value unless the ground is also thoroughly irrigated once each week or two, according to the nature of the soil. Slight sprinkling refreshes the foliage, but may not penetrate the soil more than one inch deep. Thus as the under soil dries, the roots get no moisture. The plants suffer, and you do not suspect the cause because you sprinkle each day. This is a common fault and the cause of many failures.

## A Word About Sowing Seeds

Many seeds are small and the germination weak; therefore, sow them very shallow, often not more than one-eighth inch deep. This is because the germ or sprout must have air and light. If this is denied by too deep sowing, it dies before it reaches the surface.

In order to assist small or weak seeds to grow, it is advisable

to plant plentifully, because the many seeds will give strength to raise the soil where one could not do so.

This advice applies particularly to beet and melon seeds, but is applicable to all small seeds. It is easy to thin out the surplus plants. A good general rule is to plant seeds to a depth equal to from three to five times their diameter.

### Artichoke

Sow seeds in April or May in deep, rich, sandy loam with plenty of well-rotted manure. When large enough, transplant into rows three feet apart and two feet in the row.

**Large Green Globe.**—Flower heads can be cooked like Asparagus. Pkt., 20c.

**Jerusalem Artichoke.**—The tubers are planted like potatoes about three bushels to the acre. They are excellent for feeding stock, especially hogs. Write for prices.

### Asparagus

**Culture.**—The seed before sowing should be soaked in tepid water for 24 hours. Sow in open ground in the early spring in drills 2 to 3 feet apart, scattering about 1 inch apart in the drills. Cover with 1 inch of soil; cultivate freely. One ounce will produce about 200 plants. The following spring set out the roots to a permanent bed in rows 2 to 5 feet apart, 18 inches apart in the rows. Cover with 2 inches of soil.

**Conover's Colossal.**—The standard variety; large size, tender and excellent quality; packet, 10c; ounce, 25c.



# DWARF BEANS ALSO CALLED STRING, BUSH, BUNCH, AND SNAP BEANS

**Culture.**—No crop responds more readily than Beans to good soil and cultivation. If too rank manure is used, however, they show a tendency to run too much to vine. Beans are very sensitive to cold and wet, and really should not be planted in this section until early in April, though frequently they are put in in March. The fall crop is put in in August. Plant in rows 2½ feet apart, covering one to two inches deep, and allowing 3 to 4 inches apart in the row for green varieties, 4 to 6 inches for wax. For a succession, for private gardens, plant at intervals of two weeks, except during June and July, as they generally do not do well during these very hot months. Give frequent, shallow cultivation up to the time of blossoming, not, however, when the ground is wet, or dew on the vines, as it is liable to cause rot. Two pounds are sufficient for 100 feet of drill, 60 to 90 pounds to acre.

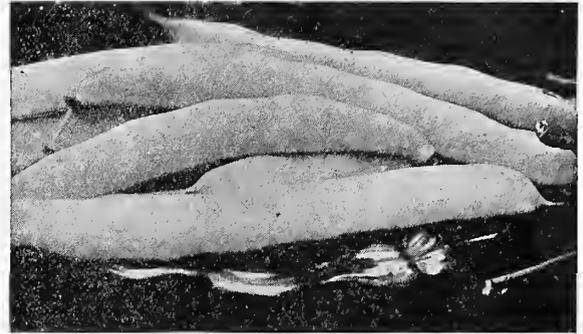
## Green Podded Varieties

**Burpee's Stringless Green Pod.**—This new bean produces a vine similar to Red Valentine, but develops pods to an edible condition in 42 days, about four days earlier than Valentine. The pods are green, not quite so round as Valentine and less curved. The pods are stringless, absolutely so, this quality at once placing the variety at the top of the list among table beans, while the early maturing is of great merit. This stringless quality is of particular value, the pods breaking as short and free as pipe stems. Pkt., 10c; lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**Giant Stringless.**—A very hardy, stocky vine, pods long, round and green in color, of exceptionally fine quality and stringless throughout its entire growth. About a week earlier than Red Valentine and much more prolific. Pkt., 10c; lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**Tennessee Green Pod.**—One of the most popular varieties through Kentucky and the south. Hardy and prolific. Pods large, flat, irregular in shape and bright green in color. Pkt., 10c; lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**Extra Early Red Valentine.**—A standard green-podded variety and more extensively grown than any other garden sort. Vines medium to large, erect, with dark green leaves; pods about 4½ inches long, are very fleshy, crisp and tender. It is resistant to disease and will thrive well on any kind of soil. A first-class market variety and one of the best and most popular of all the green-podded sorts. Pkt., 10c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75.



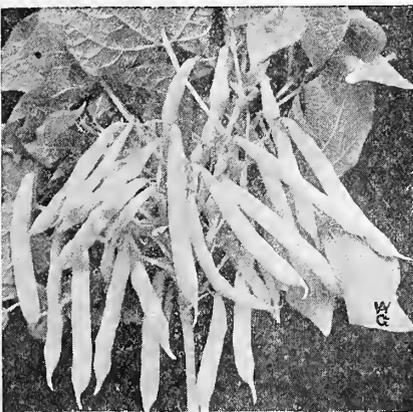
Giant Stringless Beans

## Wax Beans

**Wardell's Kidney Wax.**—(Flat pod, 45 days). The trucker's delight; with long, straight, creamy pods. Our stocks are the best. Large pkt., 10c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**Dwarf Golden Wax.**—The old standard wax sort. Productive and early with yellow semi-round pods of good quality, ready to pick 49 days from planting. Pkt., 10c; lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**Prolific Black Wax (Black Seed).**—Very early, round, yellow pods, a well-known standard sort. Pkt., 10c; lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.



Prolific Black Wax Beans

Commercial Beans have been so high in price for the past year that they have been a luxury. These bush beans may be used green for snap beans, and if they are allowed to grow older they are delicious as green shelled beans. Also they may be dried, and used to help keep down the high cost of living.

Cash  
With  
Every  
Order

We Do  
Not Ship  
C. O. D.

Order  
Early

## Dwarf Lima Beans

Dwarf or Bush Limas should be planted three feet apart, dropping two or three beans fifteen inches apart in the row. Cover about an inch deep. Dwarf Limas require no support. Plant with the eye down.

**Henderson's Bush Lima.**—Valuable on account of extreme earliness. Extremely productive, tender, and delicious. The dry beans are small and white. The best variety to use for canning. Pkt., 10c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75.

**Fordhook Bush Lima.**—This is an excellent Bush Lima Bean for the home garden. It is a type between the Burpee's and Dreyer's. Very good yielder, the pods being well filled with thick, meaty beans, which are excellent for cooking. Pkt., 10c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75.

## Pole Beans

Pole Beans are even more sensitive to cold and wet than the Dwarf varieties, and should be sown two weeks later. After settled warm weather, set poles four to eight feet long in rows four feet apart and extending north and south, the poles being three feet apart in the row. Around each stake plant five to eight beans two inches deep.

One pound will plant 100 hills.

**Kentucky Wonder or Old Homestead.**—Pods green, nine inches or more long, nearly round, fleshy, stringless, and of excellent flavor. Dry beans, long, oval, dun-colored. It is an early and most prolific variety. Pkt., 10c; lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

## Pole Lima Beans

Lima Beans are not only profitable as green shell beans, but are also a paying crop to sell as dried beans during the winter.

They are always in demand and bring good prices.

Lima Beans will not grow until the weather and ground are warm; if planted earlier the seeds are apt to rot in the ground.

**King of the Garden Lima.**—Vines vigorous and productive, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, some specimens measuring from 5 to 8 inches, some containing 7 beans to the pod, all perfectly formed and of superior quality. Pkt., 10c; lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**Small Lima or Butter Bean.**—Also called Sieva or Carolina. Not nearly so large as the other varieties, but a good bearer, and about 10 days earlier than other varieties. Pkt., 10c; lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

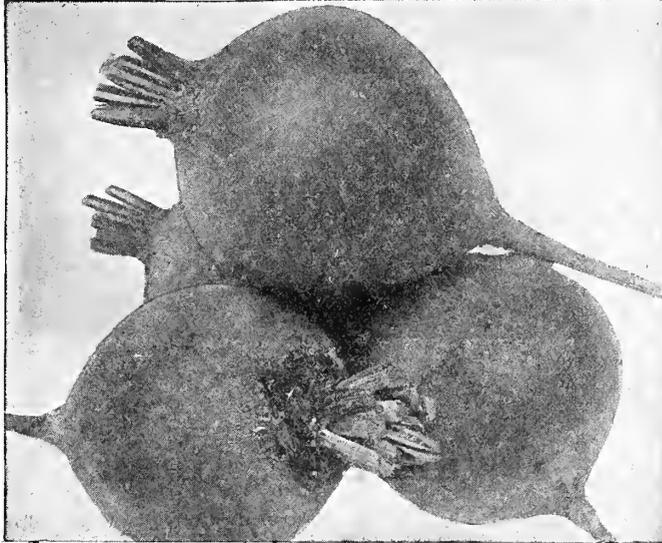
**Jackson's Wonder Butter Bean.**—(50 days). This is the best small Butter Bean we know of; pods are flat, having about 5 beans to the pod. Large pkt., 10c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75.



# BEETS

One ounce sows 50 feet of drill; 4 to 6 pounds for one acre. For early, sow as soon as ground can be worked, and about the middle of May for general crop, in drills 15 inches apart, and 1 1/2 inches deep. As the plants grow thin to six inches in drills. Young plants make excellent greens. Seed will germinate more freely if soaked in warm water twenty-four hours before sowing; but care should be taken not to plant soaked seed in very dry ground. The soil should be a deep, rich loam.

**Crosby's Early Egyptian.**—Improved strain of the famous Early Egyptian, but producing a deeper or thicker root, of fine form,



Crosby's Early Egyptian Beets

extremely early, deep red color, almost black, flesh sweet, smooth, tender, and of exceptionally fine quality; can be depended on for best results when grown either in garden or under glass; highly recommended as an early market variety. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.35.

**Early Eclipse.**—To the grower desiring a very early crop we would recommend this variety as the first to be ready for table use and therefore able to command a high price on the market. It is perfectly smooth and round. The skin and flesh are deep red—very sweet, tender and succulent. It does not grow to a very large size, but is of a fine grain and meatiness not possible in the larger varieties. One of the very early beets. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.35.

**Detroit Dark Red.**—A medium early, globe-shaped beet of excellent quality. It is especially esteemed on account of its dark-red color which extends entirely through the beet, and without the light colored rings seen in some varieties. The beets are smooth and handsome. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.35.

**Long Dark Red.**—A good keeper, and grown especially for winter use. Packet, 10c; ounce, 20c; 1/4 lb., 40c; lb., \$1.35.

**Half Long Blood.**—(65 days). This is the best for winter use. Pkt., 10c, oz., 20c; 1/4 lb., 40c, lb., \$1.35.

**Swiss Chard Lucullus.**—The plants grow to a height of two to two and one-half feet. The stalks are heavily ribbed, and from ten to twelve inches long below the leaf; are delicious when cooked, and served in the same manner as asparagus. The leaves are large, heavily crumpled or "savoyed," crisply tender and of fine flavor. The leafy portion of the foliage is cooked and served in the same manner as spinach. Pkt., 10c; oz., 25c, 1/4 lb., 70c; lb., \$2.25.

## Mangel Wurzel

Sow 6 lbs. to acre, in May or June, in rows 2 feet apart, and thin to 9 inches.

**Mammoth Long Red.** (Also called Norbitan Giant, Jumbo Mangel, Colossal, etc.) Packet, 10c; 1/4 lb., 25c; 1 lb., 75c.

# CABBAGE

All that Cabbage requires is the soil to be rich, deep, well drained and abundantly manured. For the early kinds, plant 30 inches between the rows and 16 inches between the plants. For the late kinds, 3 feet between the rows and 2 feet between the plants. For very early use, sow in January or February, in hotbeds.

**Charleston Wakefield.**—This famous variety has all the fine qualities of the Early Jersey Wakefield; it produces heads of a much larger size, but is two weeks later. Pkt., 10c, oz., 40c; 1/4 lb., \$1.50.

**All Head Early.**—Heads flat, deep, and solid; valuable also for late. Seed sown in July and set out in August will make fine heads. Largely planted by market gardeners. Nearly 10,000 can be grown on an acre, and almost every one will head. Pkt., 10c; oz., 40c; 1/4 lb., \$1.50.

**Early Jersey Wakefield.**—Long recognized as the best earliest marketable Cabbage. In size, medium; in shape, pyramidal with pointed peak. Its uncommonly fine heading qualities, together with its fitness for wintering in cold frames, please the most critical gardeners. Our strain of seed is of superior quality. Pkt., 10c; oz., 40c; 1/4 lb., \$1.50.

**Succession.**—A good second early round-headed sort, similar to All-Seasons. It heads up very evenly, and comes in a few days after Early Summer, and is largely grown on account of its good keeping qualities. Pkt., 10c, oz., 40c; 1/4 lb., \$1.25.

**Selected All-Seasons.**—A fine second early Cabbage, which produces large heads, nearly round, and stands dry season. Pkt., 10c; oz., 40c; 1/4 lb., \$1.25.

**Danish Ball Head (Hollander).** This extra hard-heading variety of Cabbage originated in Denmark. It is a medium or late variety, but is mostly used as a winter Cabbage. Medium size, round head and a fine keeper. Pkt., 10c; oz., 60c; 1/4 lb., \$2.00.

**Early Flat Dutch.**—An early Cabbage of good size. Heads are flat and very solid. Pkt., 10c; oz., 40c; 1/4 lb., \$1.60.

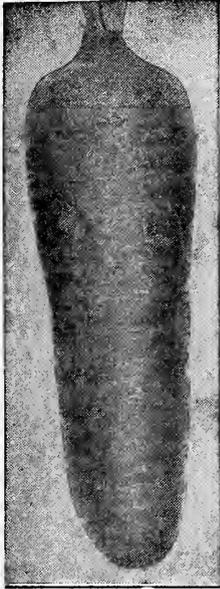
**Chinese, or Celery Cabbage.**—Also called Pe-Tsai, or Cut Cabbage, by Chinese gardeners, and beginning to attract attention in America. It does not form a cabbage head, but when grown to its full size resembles the Cos Lettuce, and the outer leaves may be used during its growth. It is odorless while being cooked and the flavor is delicious, being very mild, and it is excellent for use as a salad, or cooked like asparagus. We are quite sure that it will please all who partake of it. Sow seed after July 1st, and give plenty of room to the plants, setting in rows 3 feet apart and 2 feet apart in the row. Pkt., 35c; oz., 60c; 1/4 lb., \$2.25.



All Head Early Cabbage



## Carrots



Oxheart Carrot

**Culture.**—Carrots do best in well enriched and manured sandy loam, though they will do well in any good land that is deep and thoroughly worked. For early crop, sow seed during the early part of April; for late crop, in July and August. As the seed are very slow in germinating, it will be found helpful to soak the seed for twelve hours previous to planting, in warm water, and to roll the land after planting, to prevent evaporation of moisture. Plant in rows 12 to 15 inches apart.

**Danver's Half Long.**—Very productive and adaptable to all classes of soil. The roots are smooth, of medium length, tapering to a blunt point, and of deep orange color. The flesh is tender and of excellent quality. Pkt., 10c; ¼ lb., 35c; lb., \$1.25.

**Oxheart, or Guerande.**—The best for hard, stiff soils. The roots are 4 or 5 inches long and very thick. The flesh is bright orange in color, fine grained and sweet. Pkt., 10c; ¼ lb., 35c; lb., \$1.25.

## Celery

One ounce of seed produces 2,000 plants.

**Boston Market.**—Popular sort in the market; the best variety for light soils. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**Early Arlington.**—An extra early strain of Boston Market, somewhat larger; bleaches easily, and is a strong grower. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

## Celeriac, or Turnip-Rooted Celery

Produces large turnip-like roots which keep well for winter use; it is highly esteemed either cooked for flavoring soup or sliced and used with vinegar, making an excellent salad. It is cultivated like celery, little or no earthing being required. Ready for use in October. One ounce for 50 feet of row. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.10.



Early Arlington Celery

## Collards

A variety of Cabbage known in different sections as "Cole," "Colewort," or simply "Greens." It is extensively used in the South, where it continues in luxuriant growth all winter.

**Georgia Southern, or Creole.**—We offer the true white or green stemmed sort so extensively used in the South, where it furnishes an abundance of food for man and beast. Freezing does not injure but rather improves their quality. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

## Every Pound of Fresh Vegetables

You can raise in your garden effects three kinds of saving:

1st—You save money for yourself by raising your own supplies.  
2nd—You save wheat and meat by substituting delicious, healthful vegetables.

3rd—You save freight facilities on our railroads which would otherwise have to be devoted to hauling your food.

For "home defense," plant a vegetable garden! Vegetables are the basic food of life.

## CUCUMBER

Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well-rotted manure. Sprinkle the vines liberally with Slug Shot to protect them from bugs, and when all danger from insects is past, thin out the plants, leaving three to four of the strongest to each hill. One ounce of seed will plant about 50 hills; two pounds will plant an acre.

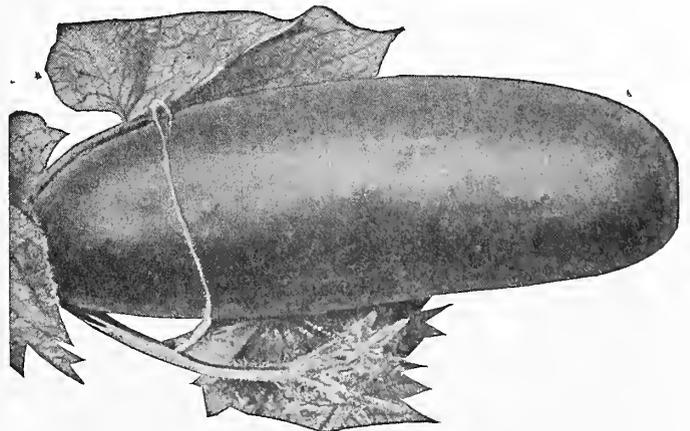
**Klondike.**—It is without an equal for outdoor growth, for slicing, producing specimens equal to the finest hothouse products under favorable conditions. It is a very hardy grower. Early, even when most sorts fail. When ready to ship the shape averages yields abundantly and withstands unfavorable weather conditions as in cut; color dark green, with pale green stripes from the blossom end about one-third the length; flesh white and crisp, of excellent flavor; length about seven to eight inches. No sort produces more uniform fruits. Many plant their entire crop in Klondike cucumbers. Pkt., 10c; lb., \$1.75.

**Arlington White Pine.**—Every market gardener knows that value of well-selected and fixed strain of extra early cucumbers, especially for forcing purposes; selected seed. Pkt., 10c; ¼ lb., 35c; lb., \$1.25.

**Improved Long Green.**—Long and crisp; a popular and reliable variety for pickles. Packet, 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

**Livingston's Emerald Cucumber.**—It is almost free from "warts and spines"—so much so that it may be called spineless. As an all-purpose table or market variety, whether for gardeners' or farmers' use, it cannot be surpassed. Price, large packet, 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; lb., \$1.25.

**Early Green Cluster.**—Very prolific, producing the fruits in clusters near the root of the vine. Fruit short and thicker at one end. If fruits are picked frequently, the vines continue to bear for a long season. It is a good pickling variety. Pkt., 10c; ¼ lb., 35c; lb., \$1.25.



Klondike Cucumber



## Garden Corn

The early Garden Corn, such as the Adams and Early Northern Field Corn, can be planted the end of March or early in April. Sugar Corns cannot be planted until the ground begins to get warm. Frequent cultivation is necessary to have good Corn. The Adams and Northern Field Corn can be planted in rows 3 feet apart, the grains about 12 or 15 inches apart, one inch deep or in hills of six grains, three feet apart each way. The Sugar or Sweet Corns can be handled about the same except that such dwarf varieties as Golden Bantam and Mammoth White Cory can be planted rather closer. For succession, one can either plant several varieties which mature at different seasons or use one variety and plant every two weeks up to July.  $\frac{1}{4}$  pound will plant 100 hills, 12 to 15 pounds an acre. It will be ready for the table in from sixty to seventy days from planting.

## Extra Early and Early

(Not Sugar Corn)

**Extra Early Adams.**—The earliest variety, and can be panted first of all. It bears small, thick ears, close to the ground. Being a dwarf variety, it can be planted closer than the others. Pkt., 10c; lb., 30c; 2 lbs., 55c.

**Early Adams.**—A little later and larger than the above. Stalks grow about six feet high; ears about eight inches long, with twelve to fourteen rows. Pkt., 10c; lb., 30c; 2 lbs., 55c.

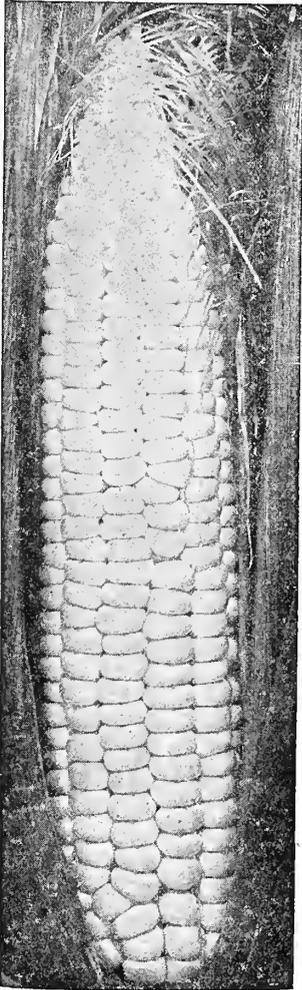
## Sweet, or Sugar Corn

For table use the Sweet Corns are far and away ahead of all other varieties. While they cannot be planted quite as early as the first, or Field Corn, their quality is so superior that no garden should be without a good planting of early and late varieties.

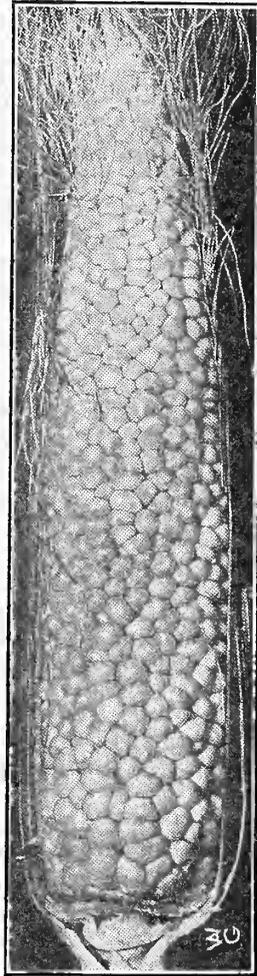
**Improved Golden Bantam.**—This handsome new variety is one of the most delicious of all, and generally believed to be richest in flavor. Extremely early, of hardy, vigorous growth, so that it can be planted quite early. The stalks grow only about four feet high, but bear two or three good ears five or six inches long, of handsome golden yellow color. In flavor quite distinct from the white sorts and some have called it sweet as honey. Pkt., 10c; lb., 45c; 2 lbs., 75c.

**Stowell's Evergreen.**—This has long been the leading main crop variety for home use, market, and canning. Our stock is carefully selected and can be depended upon to produce fine large ears of superior quality. The grains, of good size, are long and slender, entirely free from glaze or flintiness. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c.

**Country Gentleman.**—(70 days). This is sometimes known as shoe-peg from the small peg-like kernels, irregularly placed on the cob. Medium sized ear, with small cob, giving great depth to the kernels. The quality of this variety is fine and is preferred by some to all others. Excellent for home use and is popular in many markets where its fine quality is known. Pkt., 15c; lb., 50c; 2 lbs., 90c.



Stowell's Evergreen Sweet Corn



Country Gentlemen Sweet Corn

## Pop Corn

Popping corn provides the children with amusement for many winter hours and furnishes them with a healthful, nutritious food.

**White Rice.**—A very handsome and popular variety; ears short, kernels long and pointed, resembling rice; color white. A splendid popping variety and finds a ready sale upon any market. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs. or more at 20c per lb. by express.

## Horseradish Roots

A very profitable crop for the market gardeners to grow. By mail, postpaid, dozen, 40c. By express, 100 for \$2.00.

## Kohl Rabi

**Culture.**—The seed should be sown in the Spring three-fourths of an inch deep in drills two feet apart. When the plants are a few inches high thin to fifteen inches apart. Two pounds of seed to one acre.

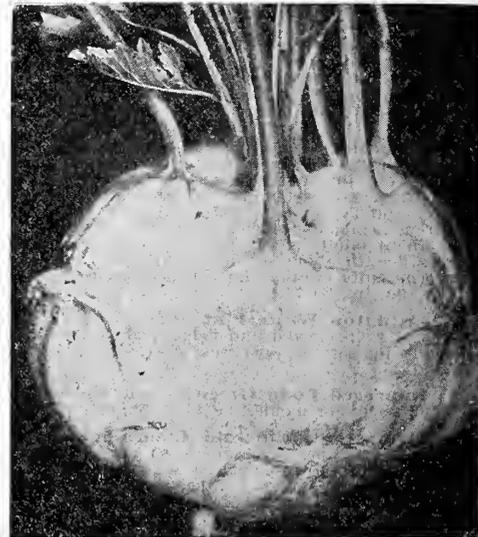
**Early White Vienna.**—(50 days). Dwarf, small, early; bulb handsome, firm, glossy white; the best variety for the table, but should be used when young. All varieties are tough and stringy when overgrown. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

## Endive

**Culture.**—Same as for lettuce. Seed may be sown any time during the year. When plants are well started, thin out to ten inches apart, or they may be transplanted.

**Green Curled.**—This is the variety generally preferred because it blanches to a beautiful golden yellow. Pkt., 10c; oz., 20c.

ORDER EARLY



Early White Vienna Kohl Rabi



**Black Beauty Egg Plant**

## Egg Plant

**Culture.**—Seed are of slow germination, require moderate amount of heat. Should be started in hotbeds and not checked after starting to grow. When two or three inches high, they should be potted in three-inch pots and not set out in the open until nights are warm. Plant in rich soil for best results. Plant about three feet apart and keep well watered. One ounce of seed will produce about 1,000 plants.

**Black Beauty.**—This new variety is an excellent market sort. It is about the same size and shape as the New York Improved, except a little fuller at the top; is a few days earlier and a heavier yielder. Its color is a rich purplish black, which it retains after becoming dead ripe. True stock. Pkt., 10c; oz., 70c; ¼ lb., \$2.50.

**New York Improved Spineless Purple.**—A very popular variety in many locations. Fruit is large, entirely free from thorns or spines, of very good purple color. An old well-tried variety and more largely planted than any other. Pkt., 10c; oz., 70c; ¼ lb., \$2.50.

## Kale, or Borecole

**Culture.**—Kale is one of the hardiest of "Greens" belonging to the Cabbage family. Sow either in rows or broadcast, for summer and fall use the seed should be sown in the early spring, or may be sown in August or September for spring use. One to two pounds to an acre.

**Dwarf Green Curled.**—(55 days.) This is the most popular variety of Kale, dwarf and very hardy. Splendidly curled leaves, excellent flavored. Pkt., 10c; oz., 20c; ¼ lb., 65c.

## Lettuce

**Culture.**—Lettuce seed should be covered very shallow to secure germination, especially the black seeded if sown under glass or in the house. For early spring use sow in September and protect through the winter in cold frames the same as cabbages, or sow in hotbeds in March and transplant to open ground as soon as it can be worked. For late supplies sow in the open ground as soon as the season will permit, in rows one foot apart; thin out plants one foot apart in rows. If sown every two or three weeks to the middle of August, it may be had in perfection the entire season. One ounce will sow 125 feet of drill and produce 3,000 plants. The varieties marked thus \* are black seeded.

**Big Boston.**—(45 days). The most popular variety for every purpose on the market. Gives equally good results under glass or in the open. Of the head types it is easily the leader. Leaves are light green and very tender. Our strain of this variety is unsurpassed. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**\*Black Seeded Simpson.**—(40 days). The leaves are thin, tender, and of a light green color; very early. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**California Cream Butter.**—A splendid variety for summer. It produces a very large and white head. It will stand extreme heat and is slow to go to seed. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Deacon.**—Stands hot weather better than any other of the rich, buttery varieties. Pkt., 10c; oz., 70c.

**Iceberg.**—A curly lettuce, large, solid heads. The outer leaves are light green in color and their habit of branching towards the center of head is a great aid to the blanching of heart. Pkt., 10c; oz., 20c; ¼ lb., 65c.

**Improved Hanson.**—(45 days). Heads large, fine form, deliciously sweet, tender and crisp, color green outside and white within. Intermediate between the loose-leaved and heading varieties. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

## MELONS, WATER

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

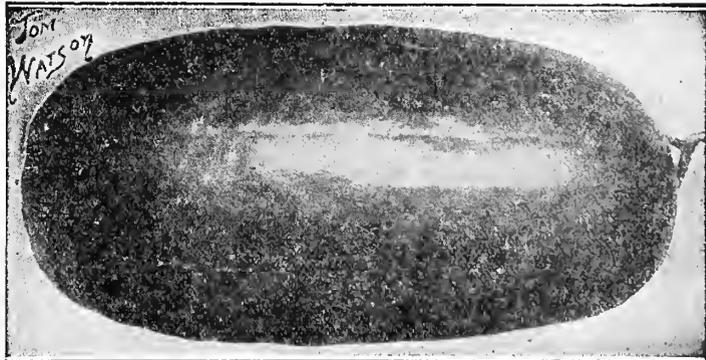
**Tom Watson.**—We think that this melon has every quality that goes to make up a very desirable variety. The shape is ideal, rind dark, thin and very tough, making a good shipper. Medium early, very vigorous vine and very prolific. Pkt., 10c; oz., 15c; lb., \$1.25.

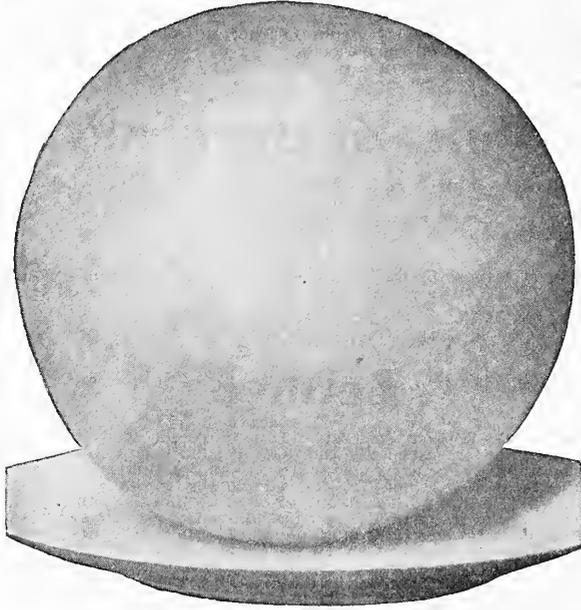
**Kleckley Sweets.**—A combination of sweetness, earliness and size. It is an ideal melon for home use and local market, but the rind is so thin and crisp that it will not stand shipping. The melons grow very uniformly, about 20 inches long, with dark green skin extremely thin rind, bright scarlet meat and solid heart. The flesh is crisp, sugary, and melting to the highest degree, and entirely free from stringiness. For the home garden we cannot recommend it too highly. Pkt., 10c; oz., 15c; lb., \$1.00.

**Halbert Honey.**—Said by many to be as handsome and as fine flavored as Kleckley Sweet, and much more productive. Has dark green, very thin rind, with meat so crisp and tender that well ripened melons split ahead of the knife when cutting. Fine for home market and garden, but with too thin rind for shipping. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10.

**Sweet Heart.**—Globular in shape; skin very bright, mottled green; flesh bright red, firm and heavy, but exceedingly sweet. Pkt., 10c; oz., 15c; lb., \$1.00.

**Alabama Sweet.**—Skin dark green; flesh tender and sweet. Fine for shipping. Pkt., 10c; oz., 15c; lb., \$1.00.





Honey Dew Melon

## Melons, Musk

One ounce will plant about 80 hills; 4 pounds to plant an acre. Matures in from 65 to 80 days.

**Culture.**—A rich, deep, sandy loam, well worked and highly manured with old rotten compost, is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill, and, after they are out of danger from bugs, thin to three or four plants. When they have four or five rough leaves, pinch off the end of the main shoot, which will cause the lateral branches to put forth sooner. This will strengthen the growth of the vines, and the fruit will come earlier to maturity.

**Rocky Ford.**—The flesh is deep and thick, and light green in color, except next to the seeds, where it inclines toward a yellow. The flavor is exceedingly fine. The skin is regularly ribbed and thickly netted. It is a firm, solid melon, and will carry in perfect condition for a week or more after its removal from the vine. It is

a heavy cropper, and in wide favor as a market melon. Pkt., 10c; oz., 15c; lb., \$1.50.

**Netted Rock or Eden Gem.**—One of the meatiest of the Rocky Ford type melons; of uniform standard size, covered with a beautiful gray lace-like netting, which, with the small seed cavity, are the most essential points in shipping and keeping qualities. The flesh is green tinged with a delicious salmon pink around the seed cavity. The flesh is firm, but not tough or stringy; sweet, luscious, melting and superb flavor. A heavy yielder, very uniform; few run too large and still fewer are too small. For shippers, also for home growers, we recommend it highly. Price, pkg., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

**Burrell's Gem.**—The orange fleshed Rocky Ford, and even better than the Rocky Ford for shipping. The meat is a rich golden color, very thick, fine grained; the flavor cannot be excelled. The melons are very uniform in size and shape and crate evenly. Pkg., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

## Honey Dew Melon

The delicious honey-like flavor of this new melon created a sensation wherever used last year. The fruit is of good size, weighing 6 to 8 pounds; light cream colored, smooth skin with thick, rich and sweet flesh of light green color. The rind is thin but tough and so close that the rich flesh is practically sealed up where it keeps in finest condition for several months after it is ripe. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.75.

## Mustard

**Culture.**—One ounce is sufficient for 75 to 100 feet of drill. Sow either in Spring or Fall, in rows 12 to 18 inches apart, thinning later to about six inches in the row. Cultivate same as Turnip Salad.

**Southern Giant Curled.**—Leaves are large, light green, with yellowish tinge, much crimped and frilled at the edges. Very succulent, pungent and of sweet flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

**Bloomsdale Large-Leaved.**—Early. The leaves when small are very tender and admirable as salad. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

**White or Yellow.**—Used mostly for seasoning pickles, etc. Pkt., 10c; oz., 15c; ¼ lb., 30c. Postpaid.

## Okra

**Culture.**—Seed should be soaked before planting to insure quick and even germination. sow in rows 2 to 3 feet apart and thin to 12 to 18 inches in the row. Gather pods when young. It is delicious in soups.

**White Velvet.**—(60 days). A tall growing sort, with long white pods; the best variety for home use. Pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 85c. Postpaid.

# ONIONS

Although onion seed was one of last season's short crops we have a normal supply of high grade stock to offer. All of our seed is raised from carefully selected bulbs and are as fine strain as it is possible to secure.

**Culture.**—A strong, deep, rich and loamy soil is most suitable for this crop. Muck beds well drained to the depth of two feet give large yields. A black sandy loam is also excellent. The ground should be heavily dressed with well-rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order harrow it thoroughly and make as fine and level as possible; sow thinly in drills one-fourth inch deep and 14 inches apart.

Keep the surface of the ground open and free from weeds, but do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill, four to five pounds per acre for large onions, 50 to 60 pounds for sets.

**Large Red Wethershead.**—(100 days). This is a standard variety in the East. Large size; deep purplish red, flesh purplish white, moderately fine grained and strongly flavored. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50. By express, 5 lbs. or over at \$2.25 per lb.

**Mammoth Silver King.**—(80 days). A large white Italian variety. It matures early, and is of large size, flat, but thick. The skin is a beautiful silvery white, flesh white and of a mild, sweet flavor. Pkt., 10c; oz., 35c.

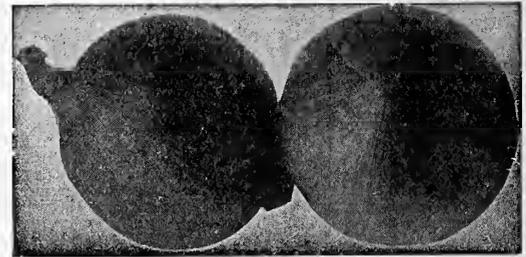
**Prize Taker.**—(100 days). Although a very large onion, it is hardy and a fair keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. They bottom well, are free from stiffnecks. It is very productive. Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$3.50.

**White Silverskin, for Pickling.**—(95 days). This is a small, silvery white onion, used almost entirely for pickling. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.

**Crystal Wax.**—This is the Onion that is so highly prized because of its earliness. Our seed is genuine, imported from Tenerife. There is none better in the world. Pkt., 10c; oz., 40c; ¼ lb., \$1.40; lb., \$5.00.

## Onion Sets

The chief value of onion sets lie in the quickness of their being ready for the table. For green onions much time can be gained by their use.



PRIZE  
TAKER  
ONIONS

**Culture.**—Onion sets should be planted out as early as the ground is dry enough to work; plant them in rows one foot apart with sets three or four inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July. Plant 300 to 500 pounds to the acre. Bermuda sets only in the Fall. Price subject to market changes. Write for quotations on large quantities.

**Yellow.** Lb., 30c. **White.** Lb., 35c.

**Shallots.**—A small size Onion, which grows in clumps and multiplies very rapidly. Lb., 30c, postpaid. If larger amounts are desired, we will gladly quote.



## PEAS

**Culture.**—Peas mature earliest in a light, rich soil; for general crop a moderately heavy soil is best. Commence sowing early varieties as soon as ground can be worked, continue for a succession every two weeks until June. Sow the early, second early and late varieties at the same time for a succession. One pound for fifty feet of drill; 110 to 175 pounds for an acre. The wrinkled varieties are more susceptible to cold, wet weather than the small round hard sorts, hence should not be planted very early except in warm, dry locations.

**In comparing prices, please bear in mind that our prices are postage paid by us, on pounds and two pounds.**

### Extra Early Sorts

**Alaska.**—(45 days). An extra early hardy pea. Pods of perfect shape, well filled with smooth peas of unrivalled quality. Seed blue, height 2 ½ feet. Pkt., 10c; lb., 35c; 2 lbs., 60c.

**American Wonder.**—(55 days). An early wrinkled pea, growing from 9 to 12 inches high, and producing well filled pods of the finest flavor. Pkt., 10c; 1 lb., 40c; 2 lbs., 75c.

**Nott's Excelsior.**—(52 days). This excellent dwarf wrinkled extra early pea is robust and vigorous and produces in profusion handsome pods, closely packed with large peas of fine flavor. Pkt., 10c; lb., 40c; 2 lbs., 75c.

**Premium Gem.**—(55 days). Grows about 15 inches high and is among the earliest dwarf, green wrinkled sorts. The quality is unsurpassed; an abundant bearer. Pkt., 10c; lb., 40c; 2 lbs., 75c.

**First and Best.**—(50 days). Grows from 2 ½ to 3 feet high; a delicious, smooth, white Pea. Pkt., 10c; 1 lb., 35c; 2 lbs., 60c.

### Second or Medium Early Sorts

**Everbearing.**—(60 days). Grows about 20 inches high; pods of good length; peas very large, wrinkled and in quality unsurpassed. For continuance and profusion of bearing this variety is unexcelled. Pkt., 10c; lb., 40c; 2 lbs., 75c.

**Champion of England.**—(75 days). One of the richest and best flavored peas grown; height three to four feet, seed wrinkled, whitish green and much shriveled. Pkt., 15c; lb., 40c; 2 lbs., 75c.

**Large White Marrowfat.**—This is a late Pea, hardy, very hardy and vigorous grower. The pods are of good size and usually contain five or six peas of good quality, but not of as high flavor as the regular garden peas. Pkt., 10c; lb., 35c; 2 lbs., 65c.

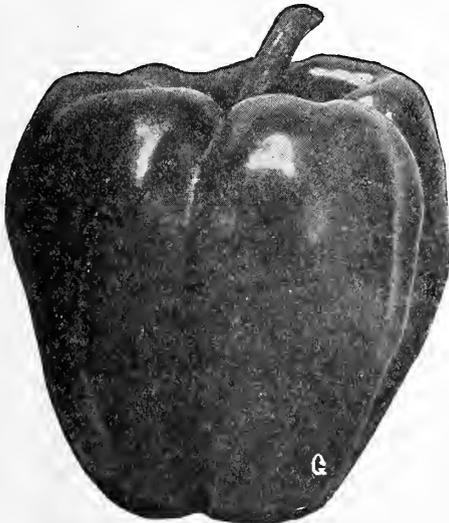
**Alderman.**—(72 days). This is an English variety very similar to improved Telephone. Pods are darker than Telephone and borne in great clusters; one of the very best late sorts. Splendid flavor and large peas. Pkt., 10c; lb., 40c; 2 lbs., 75c.

## Parsley

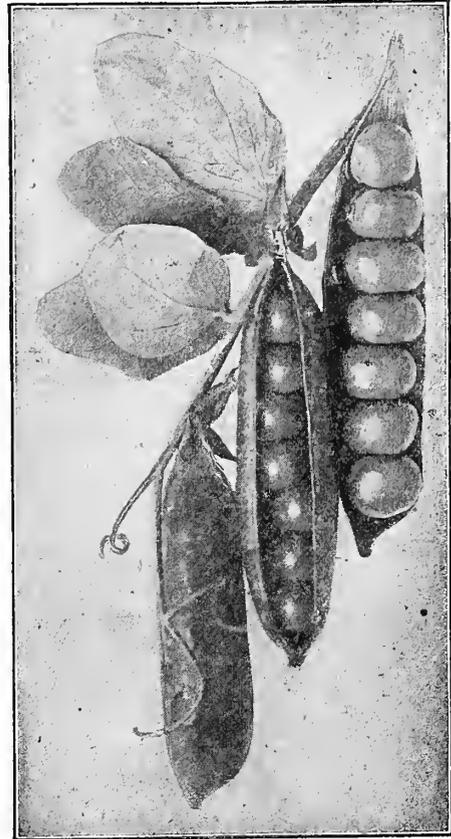
Parsley is valuable for flavoring and garnishing purposes. Sow in drills as early in Spring as the soil can be pulverized. Seed two years old will vegetate more freely than new seed, which will frequently require five or six weeks to germinate; so the cultivator must not be disheartened if the plants do not appear within a month. The seed will also germinate more freely by soaking it 24 hours in water and mixed with sand before sowing.

**Dark Moss Curled.**—A famous English variety, and very popular in this country. It is beautifully curled, but the color is much lighter than the single. Pkt., 10c; oz., 15c; ¼ lb., 35c.

**Plain or Single.**—This is the hardest variety; foliage very dark green, with plain leaves, having a strong Parsley flavor, and much preferred in French cooking. Pkt., 10c; oz., 15c; ¼ lb., 30c.



Chinese Giant Pepper



Alderman Peas

## Parsnips

About 8 pounds to plant an acre.

The value of Parsnips is not well known in the South. They are not only very valuable as culinary vegetables, but they make the very best cattle feed, exceeding even the carrot in value for this purpose. They require a deeply prepared loam for their fullest development. The seed is very slow to germinate, and should be sown early in the spring in rows 18 inches apart for hand cultivation, or 30 inches apart for horse cultivation. Thin out to 6 inches in the row. Cultivate often.

**Sugar, or Hollow Crown.**—The very best sort in existence. A large yielder of the finest quality. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

## Peppers

**Culture.**—For earliest crop sow in hotbed in February or March and transplant to open ground in May, setting plants about 15 inches apart in rows 2 ½ feet apart. Later crops can be sown in coldframes. Cultivate and keep free of weeds. Peruvian Guano or some good commercial fertilizer applied broadcast around the plant and hoed in when they are about six inches high will produce an enormous increase and improvements in yield.

**Ruby King.**—This is the most popular large Red Pepper now in cultivation. Very large scarlet fruits of sweet, mild flavor. Plants grow two feet high and bear a fine crop of the handsome large fruit, which ripen earlier than any other large fruited variety. The flesh is quite thick, sweet and mild, so mild that if the seeds are removed the fruits may be eaten from the hand like an apple. Especially fine for salads or stuffed for mangoes. Pkt., 10c; oz., 60c; ¼ lb., \$2.25.

**Pimiento Pepper.**—This is a sweet Pepper—that is the difference—one which you will enjoy eating in salad, either fresh or canned. Cannors and market gardeners are planting Pimiento largely. Very thick flesh, wonderful mild flavor. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.

**New Chinese Giant Pepper.**—The fruits of this variety are of enormous size, even when put alongside such a large kind as Ruby King. The appearance of the New Chinese Giant on the market is most striking and attractive, and it sells on sight. The shape is more blocky than Ruby King, being almost square, or about the same diameter both ways. Color, brilliant, glossy scarlet. Pkt., 10c; oz., 60c; ¼ lb., \$2.25.

**Long Red Cayenne.**—The conical shaped fruits are three to four inches long, of bright red color and borne in great profusion. The flesh in character is very sharp and pungent. A standard household variety of Pepper. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.



## Pumpkins

Sow the seed as soon as the ground becomes warm, in hills eight to ten feet apart each way, or, in fields of corn about every fourth hill. Plant at the same time as the Corn. They are affected by the same insect pests as the Cucumber and the same remedies should be used. Pumpkins are not so particular in regard to soil as melons and cucumbers, but in other respects are cultivated the same, though on a large scale. The pumpkin more properly belongs to the farm than the garden, especially as it readily mixes with and injures the quality of the finer squash. Pumpkins are splendid feed for sheep when the pasture begins to fail in the Fall.

**Kentucky Field.**—A large, round, slightly ribbed, soft shell, salmon colored Pumpkin that is very productive and excellent for stock. This variety is a standard sort everywhere, and is also often grown for exhibition purposes. The flesh is yellow, tender, and of excellent quality. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

**Japanese Pie.**—A variety of high quality and which grows to a large size. The rind is bluish green, blotched with yellow; flesh salmon colored, fine grained and sweet. Fine for pies as well as for stock feeding. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**Tennessee Sweet Potato.**—Bell shape; medium size, thick flesh, skin creamy white, fine grained, sweet, delicious. Very fine for pies. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**Cashaw or Crookneck.**—An excellent table variety, having much the same quality as the squash. It grows to a good size and is productive. Used for stock feeding also. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**Connecticut Field.**—A large yellow variety with a hard shell. Excellent for stock feeding. The hardest of all Pumpkins and enormously productive. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.



Rhubarb.

## Rhubarb, or Pie Plant

Sow in spring in seed bed, in drills two feet apart. Cultivate well during the season, and in the autumn or following spring transplant into deep rich soil, from three to four feet apart. The stalks should not be cut before the third year. For immediate use order the roots, which come into use at once.

**Linnaeus.**—Large and tender; very finest of all. Pkt., 10c; oz., 15c; ¼ lb., 40c.

**Roots.**—20c each; \$1.00 per 6 by mail.

## Radishes

Two ounces will sow 100 feet of drill; 8 to 10 pounds to plant an acre. Matures for table in 20 to 30 days.

**Culture.**—Sow in the spring as soon as the ground can be worked. Radishes require rich, mellow soil. The early, small varieties can be sown broadcast among other crops, such as beets, peas, etc. Sow every ten days for a succession.

Prices are by mail postpaid.



Early Long Scarlet Short Top Radish

**Early Long Scarlet Short-Top.**—One of the best Radishes on the list; very early, attaining a large size; of very best flavor, and will remain in eating condition longer without getting pithy than any other sort. Our strain of this sort is very fine. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

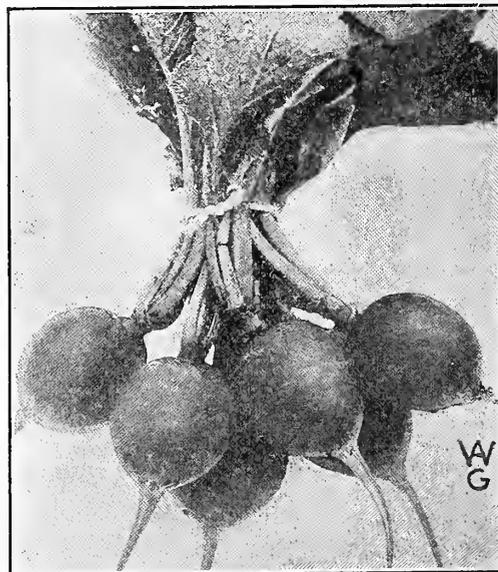
**Early Scarlet Turnip, White-Tipped.**—One of the handsomest turnip sorts on the market. An early planting sort; very hardy; quick growing. The radish is turnip-shaped, bright scarlet with white tip; one of the most salable sorts. Flesh firm and crisp; small tops. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**White Icicle.**—Produces beautiful, long, white roots, extremely early, hence decidedly popular for forcing and a splendid sort for light, deep soil for out-of-doors. In twenty-five days after sowing this radish is ready for pulling. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

**Rose China Winter.**—Bright rose-colored skin; flesh white and the quality excellent; one of the best for fall and winter use. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.75.

**Cincinnati Market.**—It is very early, splendid for forcing or open ground. The tops are very small, and they may stand close in the row. They grow straight and smooth, from 6 to 7 inches long. The flesh is very tender, crisp and delicious. This is a handsome variety, bright red in color, and remains in good condition for several days. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

**All Seasons, 50 days.**—A round, red variety, so named because it is edible at all seasons of the year. From 1 to 3 inches in diameter, at which development it continues to possess its original juiciness, sweetness and solidity, and age and size, when other sorts are pithy and entirely valueless. It will keep in perfect condition all winter. We have grown broad fields of this Radish in September and kept them like Potatoes in pits in full perfection until April. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.



All Seasons Radish

## Salsify, or Vegetable Oyster

**Culture.**—Sow the seed early in spring, in drills one foot apart and one inch deep, thinning out the young plants to four inches. The roots will be ready for use in October, when a supply should be taken up and stored in moist sand in a cool room. Those remaining will suffer no injury by being left in the ground until spring. One ounce to 100 feet. Ten to twelve pounds are required for one acre.

**Mammoth Sandwich Island.**—(95 days). The largest, smoothest and the very best in every way of all salsify. Pure white, very tender and of excellent quality. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.



White Icicle Radish



## Spinach

**Two ounces will sow 100 feet of drill; 25 pounds one acre. Matures for table use in about 40 days.**

One of the most desirable winter and spring greens, and is better liked and usually sells at much higher prices than kale or turnip salad. Is largely grown for shipping.

**Culture.**—For early summer use, sow early in spring in a good, well-fertilized soil, in drills 1 inch deep, 1 ½ to 2 feet between the rows. For winter and spring use, sow in October. Requires but little cultivation. Best developed and most tender and succulent when grown in rich soil.

**Bloomsdale Savoy-leaved.**—A heavy cropper, of fine quality and very hardy; succulent leaves curled and crinkled like a Savoy cabbage; hardiest and most productive sort. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00.

**New Zealand.**—Entirely different from the true Spanish in type in that it thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in a hill 2 feet apart each way. Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.50.



Hubbard Squash

## Squash

**One ounce of early varieties will plant 50 hills; one ounce of marrow sorts, 25 hills. Early varieties mature for table use in about 40 days.**

**Culture.**—The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should be planted 4 feet apart each way, and the winter sorts 8 feet. Three plants are sufficient to a hill. Care should be taken not to break the stems from the Squashes intended for winter use, as the slightest injury will increase the liability to decay.

**Mammoth White Bush.**—This is an improved form of the Early White Bush, or Patty Pan. Is early, uniformly in growth, and very prolific. Has beautiful, clear white skin and is from 8 to 12 inches in diameter. Tender and of good flavor. Fine quality and size for home gardens and nearby markets. Pkt., 10c; oz., 25c; ¼ lb., 40c; lb., \$1.25.

**Yellow Summer Crookneck.**—A favorite in both home and market gardens. Fruits rather small, of bright orange color. Rich and buttery. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

**Hubbard.**—Excellent winter variety; well known. Noted for the uniform good quality of its fine-grained and nutty-flavored flesh, and its good keeping qualities. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50.



Bloomsdale Spinach

# TOMATOES

Seed can be grown in a hotbed or in boxes in the house for earliest plants and later in coldframes or in the open ground as soon as danger of frost is past. If sown thinly in rows they will stand until large enough to handle. Enough plants can be started in an ordinary cigar box to supply the average family, but they would of course have to be transplanted to pots or other boxes to afford room for growth. Tomatoes are one of the earliest vegetables to grow from seed, and all should have them as they are not at all particular as to soil. Where possible, it is well to make this rich, either with stable manure or a good potash fertilizer. Set the plants three to four feet apart each way and cultivate well. An ounce of seed will produce about 1,500 plants. Three to four ounces are sufficient for an acre.

**Insects and Blight.**—For the green worm, which eats the foliage, use Hellebore, either dry or in solution, or Paris Green mixed with water at the rate of 1 lb. to 150 gallons and spray. For rot, blight and other diseases, spray the plants with Bordeaux Mixture in solution, commencing early.

**Our Tomato Seed is grown for us and can be relied on as being pure and reliable.**

**Dwarf Stone.**—This is the largest fruited of all the dwarf or "bush" tomatoes. The growth is similar to that of Burpee's Quarter-Century, and while considerably later, the fruits are produced in clusters of three to five, and as the growth is close-jointed, each plant produces a large number. The tomatoes are four inches in diameter and two and one-half inches in depth from stem to blossom end. They are bright scarlet, very smooth, firm and solid, meaty center, with no hard core. The quality is of the finest. Per pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

**Dwarf Champion (Purplish Pink).**—Sometimes called the Tree Tomato. Especially desirable for small gardens, as they may be grown as close as three feet. The vines are stiff and upright, holding the fruits well off the ground. Smooth and attractive, firm, solid, with thick flesh and meaty center. Bears in clusters of 3 to 5 good-sized fruits and continues in bearing till frost. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

**Spark's Earllana.**—(85 days). Remarkable for its earliness, large size, uniform shape, attractive red color, and productiveness. The fruit is solid, and the quality is all that could be desired. The leading early market variety. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.

**Acme.**—A most desirable variety, particularly for truckers and market gardeners, on account of its keeping and carrying qualities. It keeps remarkably well and it is an excellent shipping sort. It is early, smooth and solid; of a purplish color; ripens all over and through at the same time, and is a continuous bearer. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.

Continued on Next Page



John Baer Tomato.



TOMATOES—Continued

**Pear-Shaped Yellow.**—Fruit pear-shaped deep yellow color. Used mostly for preserves. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

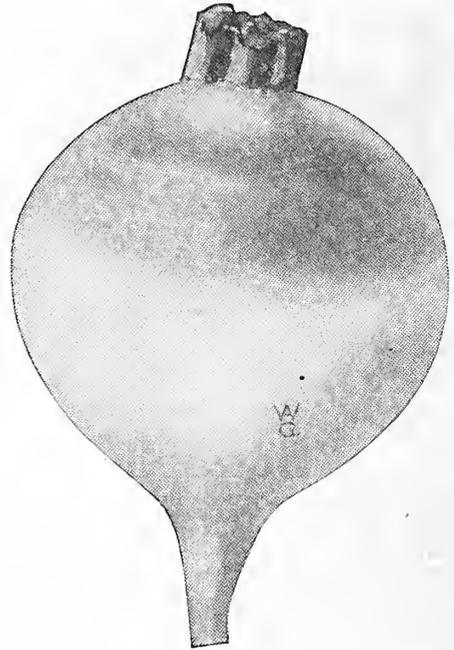
**John Baer Tomato.**—The earliest tomato on earth. Our seed came from a source that we know to be reliable and were grown especially for us. This tomato has a bright red color and produces large, beautiful solid shipping tomatoes, earlier than any other tomato that can be planted. It will produce the most perfect tomato ever grown, will produce an enormous crop, ripens evenly, has a mild, delicious, sweet flavor, and is almost seedless, solid and meaty; fruit weighs 6 ½ ounces. Being such a tremendous yielder, a bushel of "John Baer" Tomatoes can be gathered in one-third the time of any other tomato. Pkt., 10c; ½ oz., 30c; 1 oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

**June Pink.**—(85 days). An early variety, similar in habit to the famous Earliana, differing only in its color, which is pink instead of red. Early, blight resisting, long and heavy yielding. An excellent shipper on account of its reasonably tough skin. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.

**Tomato.—A. and M. First Early.**—This is the height of perfection in the way of all that goes to make a desirable early tomato, either for the home garden, the market garden, the long distance shipper or the canner. The fruit is medium size, dark red, same color as the Stone, about one-half larger and earlier than the Earliana, and fewer poor shapes. A single cluster of eleven tomatoes taken from one vine that had 136 tomatoes of marketable size, and the entire field appears to be a continuous cluster of tomatoes. Compared with the Earliana in another field, planted in the same week, and with equal advantages, the First Early will yield three times more tomatoes, larger and smoother tomatoes. Price, pkt., 10c; oz., 60c; ¼ lb., \$2.00; lb., \$6.00.



A. and M. First Early Tomato



Red or Purple Top Strap-leaved Turnip

Turnip

One ounce sows 100 feet of drill. Two pounds per acre in drills 12 to 15 inches apart; one pound two feet apart; three pounds broadcast.

Turnips do best in a highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in March, in drills from 12 to 15 inches apart, and thin out early to six or eight inches in rows. For a succession, sow at intervals of a fortnight until the last week in May, and from the last of July to the end of September, sowing may be made for the fall and main crops.

All prices are by mail, postpaid.

**Early White Flat Dutch** (Strap-leaved).—An old standby, and one of the most popular early varieties in the South for either spring or fall plantings. Of medium size and a quick grower. Is flat with very small fine tap-root. Flesh and skin pure white; fine grained and sweet. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**Red, or Purple Top Strap-leaved.**—The most widely cultivated and best-known variety. Used largely for sowing broadcast among corn and potatoes. It is round and flat, white on the bottom and a reddish purple above ground, and a very quick grower. It is esteemed as a fine table variety. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**Seven-Top.**—The most popular variety for winter and early spring "greens" in the South. Very hardy, growing all through the winter. Can be cut at all times, giving a supply of fresh vegetable matter at times when nothing else is available. Can be sown from August till December and in early spring. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

**Purple Top White Globe.**—A fine table Turnip. It is an early and heavy cropper, as well as a good keeper. The bulb is a very handsome globe, and is especially in demand among market gardeners. This is also a good Turnip for stock feed, as it will grow to a large size if left for that purpose. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**Extra Early White Egg.**—In our Extra-Early White Egg you will have a Turnip of the sweetest flavor ready for use in six weeks from the time of sowing with good seasons. In quantity it is the finest of all. While the size is small, compared with some others, its earliness and quality more than make up for any lack of size. Skin and flesh are pure white; bulbs almost egg-shaped, solid, fine-grained and a good keeper. Very attractive when bunched for market. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**Amber Globe.**—The flesh is beautifully yellow, very fine-grained and very sweet. It will grow to very large size in the South; is one of the very best keepers for winter use. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

Rutabagas

**American Purple Top.**—A very large, globe-shaped Rutabaga, yellow with purple top. Hardy, vigorous growing variety of excellent quality for the table and one of the best for stock feed. Pkt., 10c; oz., 15c; ¼ lb., 65c; lb., \$2.00.

Raise Your Own Vegetables  
Solve The H. C. L.



# SEED POTATOES PRICES ON APPLICATION

**Culture.**—Any good, well-drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, oats, etc., is in best shape for giving a good yield of nice clean potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate up to 1,000 pounds per acre, if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with cover, small plow or other suitable tool. Cultivate often. Spray with Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. 8 to 10 bushels will plant an acre; one peck will plant about 125 hills.

**IMPORTANT.**—Prices of Potatoes are subject to market changes. Potatoes are forwarded in sacks, by express or freight as directed, purchaser paying charges. We assume no risk on Potatoes, which are shipped strictly on purchaser's responsibility.

**Irish Cobbler.**—This is one of the most reliable, and is fast becoming one of the most popular of the early varieties. It is of a handsome cream white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly and a good keeper. In fact, it is one of the best all-around early potatoes now on the market. This variety does better than any we know of on black land, and we highly recommend it for planting in the black land belt.

**Bliss Triumph or Red Bliss.**—This variety has come to the front very rapidly within the past few years, and now is the most standard 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 hardiest varieties known and is not susceptible to disease.

## If You Want Extra-Early Cabbage, Order Frost-Proof Cabbage

**Varieties.**—We can only furnish you with FROST-PROOF CABBAGE PLANTS of the following varieties: Early Jersey Wakefield, Charleston Wakefield, Succession and Early Flat Dutch.

Prices parcel post prepaid.

50 plants.....	\$ .35
100 plants.....	.50
500 plants.....	2.00
1,000 plants.....	3.50

Write us for prices on larger quantities.

## Important Facts About Frost-Proof Cabbage Plants

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 hotbed or coldframe 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 hotbed and coldframe 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 ready.

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.



Early Flat Dutch Cabbage

**Nancy Hall.**—The best eating potato we know of. It yields well and matures in September and October at the time of other yellow sorts.

**Vineless Pumpkin Yam.**—One of the best varieties for this latitude, and always finds favor wherever grown.

## Sweet Potato Plants and Vines

We will have the following varieties in season and would suggest entering your order in advance, as we fill orders according to date received and we can't promise immediate shipment on plants as we do on seeds, etc. Prices on varieties mentioned quoted on request.

### Varieties

**Porto Rican Yam.**—Purple skin, dark yellow meat; very productive on reasonably good ground; an early producer and well adapted to truck farmers and all persons wanting a good all-round potato.

## Plants and Roots

Postage extra on Roots and Plants at the parcel post zone rate. We have shown approximate weight. Prices subject to change.

	Weight per doz.	Doz.	100
Asparagus roots, 2-year.....	5 lbs.	\$ 0.75	\$ 4.00
Horseradish roots.....	2 lbs.	.50	3.00
Rhubarb roots, 2-year, divided.....	8 lbs.	1.50	10.00

**LEST YOU FORGET ORDER EARLY**



# SELECTED FARM SEEDS PLANT MORE FEEDSTUFFS

## Seed Corn

**Hickory King.**—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.

**Oklahoma White Wonder.**—One of the large growers of this variety reports that several seasons White Wonder made 80 to 100 bushels per acre, while other varieties made from 35 to 50 bushels. Many of our customers, who have tried all the leading varieties, report that the White Wonder gives the best satisfaction in yield and quality. 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, it shades the ground early in the season, thus conserving the moisture and enabling the corn to withstand the drouth. In selecting the ears for seed our grower chose them from stalks having broad leaves and short, heavy joints, until this has become a fixed characteristic of the White Wonder.

**Oklahoma Yellow Dent.**—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 dented. 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.

## Surcropper Corn

Quick Maturing Like Northern Corn—Resists Drouth Like June Corn—Plant in Spring for Early Crop—Plant in Summer for Late Crop—The Greatest Sure-Crop Corn Known to the West

**Surcropper** is an early, quick maturing, drouth-resisting variety. It makes roasting ears in 53 to 65 days, and usually requires only 105 to 120 days to mature, counting from planting to browning of the shucks. It is two weeks earlier than common native corn. It is early, like Northern Corn, but has a great advantage in its drouth-resisting qualities. It usually yields more than twice as much as Northern varieties.

**Silver Mine.**—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 even in shape, of uniform 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.

**Early Yellow Leaming.**—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. Makes a silage that has no equal. Stock cattle fed on this corn are sure to bring the highest market price.

**Bloody Butcher.**—Our crop of 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 very seldom fails to make a good crop. Usually, on account of its earliness, it is out of danger from drouth, as it is almost matured before 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 can recommend this variety for any good corn land.

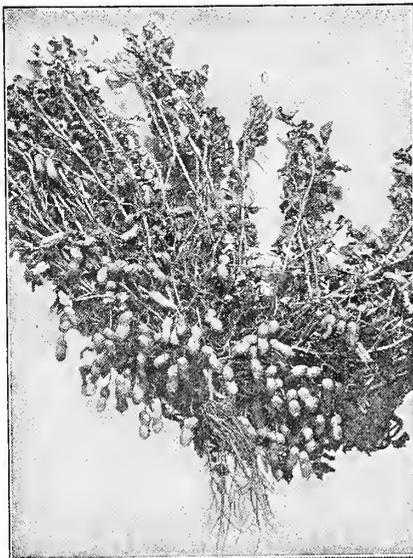


Surcropper Corn

## Spanish Peanuts

1 1-2 bushels of unshelled Peanuts will plant an acre.

In addition to their value for growing for the nuts, these are very largely used as a forage and fattening crop for hogs and other stock. They are early to mature, very productive, and, in the South, where they can be planted, two crops can be made in a year, the tops making a hay crop and the nuts a grain crop. In harvesting, the nuts hang to the vine, and the tops and nuts are fed together to hogs, cows and horses as a whole grain ration. Spanish Peanuts grow in more compact form than the Virginia Peanuts, making it possible to grow them closer, making the cultivation easier also. The nuts are produced closer in a bunch, making them easy to save. While the nuts are smaller, they are very much sweeter and of finer flavor than the larger sorts, and the "pops" so common in large varieties are seldom found in the Spanish. These and Chufas are two of the best crops in the South for fattening hogs, and no Southern farm, where stock is raised, should be without them. Price on application.



Spanish Peanuts

CASH WITH EVERY ORDER. WE DO NOT SHIP C. O. D.

**SURCROPPER HAS WON UNUSUAL RECOGNITION**



# Plant Non-Saccharine Sorghums If You Want Good Feed Crops

There is no farmer in the South that should let a season go by without planting a crop of non-saccharine sorghums, or forage crops, as they are commonly called. The feed item on a farm is a most serious problem, for it is estimated that it takes five acres of land to provide the feed for one horse or one mule. If you can, grow feed crops that produce large yields, yet cut down the acreage required to take care of your stock. Not only are these non-saccharine sorghums profitable to grow as regular crops, but their special value lies in the fact that they can be planted as late as June and July and make a good crop on the same land on which an early crop has failed. These grains will succeed in the driest seasons. In weight of grain they make more than will corn on the same land. They are enormous yielders of dry forage and cost less to harvest than corn fodder alone. These crops should be cultivated the same as corn. When the seeds begin to glaze, cut and put into shocks 16 rows apart. After being well cured, stack like ordinary corn fodder or let stand in the field until ready for use. The seed may be threshed by running the stalks through the threshing machine from which all but one row of concave teeth have been removed. There should be more of these non-saccharine sorghums grown in the South, for they materially reduce the feed bill.



Egyptian Wheat

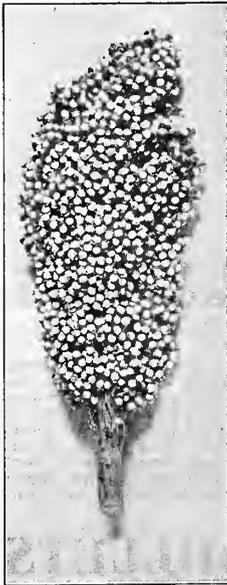
**White Kafir Corn.**—Grows 4 to 5 feet high. The stems are very leafy and keep green and brittle, unlike other sorghums, which harden. Makes excellent fodder, either green or dried. For grain, sow 10 pounds to the acre, in rows 3 feet apart. For fodder, sow from one-half to one bushel, either broadcast or in drills. **Write for prices when ready to buy.**

**Egyptian Wheat or Shallu.**—It belongs to the Sorghum family and should be planted like cane or milo, either for grain or hay. Broadcast, it makes 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. All stock love it and do well on it. 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. Plant in drills three feet apart, using ten pounds of seed per acre, or broadcast, using from two to four bushels.

**Dwarf Yellow Milo Maize.**—This makes a thick, succulent growth of forage, very nutritious, and of splendid milk-producing qualities. This, like the sorghums, can be cut over two to three times, where it is desired to cut it for green forage. Also makes excellent ensilage, or can be cured same as other sorghums.

## BROOM CORN

**Dwarf Evergreen.**—The best variety for cultivation, on account of color and quality of brush; ripens very early, grows about 4 to 6 feet high, brush of good length, fine and straight and always of green appearance when ripe. In diversifying your crops, you will find this a good and profitable crop to try, for much interest is being manifested by Southern farmers in the growth of broom corn brush for the market. Parties who have made the experiment



Feterita

report a very profitable business, as there is unlimited demand for good brush at a very high price. To grow broom corn successfully, the ground should be rich and well prepared. Plant seed in rows 3 feet apart by 18 inches. The plants should be cultivated as soon as they are out of the ground. Harvesting should be done when the seed is in a soft, milky condition. Plant 10 to 15 pounds to an acre.

## Feterita—A Sure Drouth Resister

Feterita grows about five feet high on an average, and a crop of it growing looks very much like a crop of kafir or dwarf white milo. The heads grow up straight like kafir and are a little larger around but not quite so long. The grain is white like kafir and about twice the size. The grain is softer than kafir or milo grain and is liked better by all kinds of stock. Feterita matures from 20 to 40 days earlier than kafir and is therefore well adapted to countries with short seasons, or can be sown as a second crop where the seasons are long, after the wheat or oats crop has been harvested. After being tested it has been found a much greater drouth resister than kafir or milo.

### METHOD OF PLANTING

Feterita should be planted in rows 3 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 as far in acreage as the same amount of kafir seed. When Feterita gets up about 5 inches high, each plant puts out from 4 to 10 sucker plants, and each of these sucker 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 kafir or milo. The suckering habit with this plant also accounts for the great yield of this crop.

## Dwarf Essex Rape

**Where there are hogs there should also be Dwarf Essex Rape.**

Under favorable circumstances, Dwarf Essex Rape is ready for pasture in six weeks from the time of sowing. One acre of good rape will carry a flock of a dozen sheep for two months. One of the experiment stations found that an acre of rape produced as much gain on pigs when used as a pasture crop along with grain as 56 bushels of corn would do. In addition to this feeding value of rape, the hogs were found to be stronger and gained more rapidly after the rape pasture than the ones which had been fed on grain alone. A plant with as great a feeding value as rape should find a welcome on all farms where hogs are raised. An acre of rape in the experiment equaled much more than an average acre of corn and the cost of producing was much less, and the cost of harvesting was nothing, as it was done by the pigs.



ONE PLANT DWARF ESSEX RAPE

**THERE'S A BIG DIFFERENCE IN BOTH PRICE AND QUALITY OF SEEDS. WE OFFER ONLY THE VERY BEST QUALITY**



# SUGAR CANE—SACCHARINE SORGHUMS FOR MAKING SYRUP AND FOR FORAGE

Write for Prices.

**Early Amber.**—This is the quickest maturing variety of the Sweet Sorghums and was formerly the variety most generally grown for syrup and for forage. It is still preferred in the northern states because of its earliness; but in the Southwest, Red Top has proven to be a heavier producer.

**Orange.**—This is an old and popular variety for both syrup and forage. Usually matures 10 to 14 days later than Amber.

**Red Top or Sumac.**—Of the many varieties of Sweet Sorghums Red Top or Sumac is the one most generally grown. It is vigorous and drouth resistant and makes larger yields than any of the Sweet Sorghums. The seeds are red to a pale orange-yellow.

**Honey Drip or Japanese Variety.**—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.



## The Crop is as Good as the Seed. Plant Drumm's Selected Quality Seed

**Johnson Grass.**—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. 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 coming to realize its value. Write for prices when ready to buy.

**Bermuda Grass.**—Very fine for binding loose and dry soils. The habits of this grass is to set roots at each joint that touches the ground, thereby forming a complete sod. Furnishes excellent pasture. Is decidedly a summer grass, as it does not start off until ground is thoroughly warm in the spring, and turns to a buff color after killing frost in the fall. We believe this grass will help solve the pasture question during the hot dry summer months. Sow during April or May. Also valuable as a lawn grass. Sow 3 to 5 pounds to the acre.

## MILLETS

**Golden Millet.**—This variety, formerly known as German Millet, is the best of all Millets. It is greatly superior to common millet, both in quality and yield. Much of the Golden Millet sold on the market is not pure, but is mixed or common seed. Our seed is of the highest quality pure stock. Golden Millet yields 40 to 50 bushels seed per acre, but if hay is wanted it is best to cut it just as the heads are beginning to form and before it is in bloom. Sow 40 lbs. to the acre.

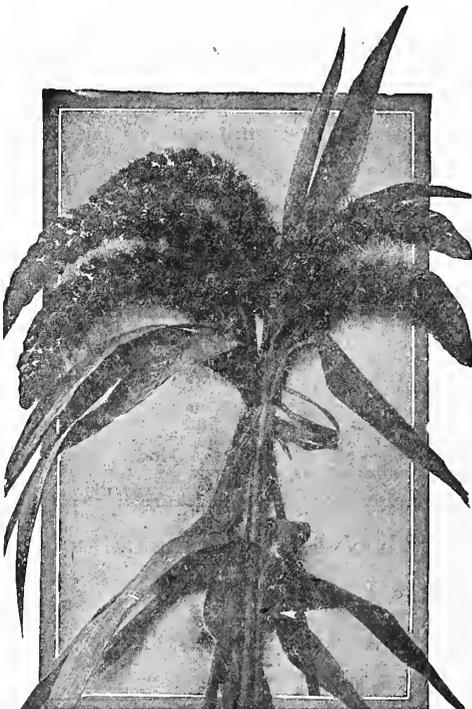
**Japanese Millet. (Also Called Billion-Dollar Grass.)**—Entirely distinct from any other Millet, grows 6 to 8 feet high and produces an enormous crop, yielding often 15 to 20 tons of green fodder or 6 to 8 tons of cured hay per acre. The feeding value of this Millet is much superior to that of corn fodder and the Millet is much more relished by all kinds of stock. Japanese Millet is mostly used for feeding green, but on account of the large yield and good quality of forage, it is also most excellent for silo use and frequently a good crop of this Millet can be raised under conditions which would not admit the growing of corn for ensilage. An ideal ensilage mixture may be composed of two parts of Japanese Millet to one part of Soja Beans, mixed when filling the silo; this mixture forms a complete balanced ration for milch cows without the addition of grain.

Like all other Millet the Japanese should only be sown when the weather is warm, and as it requires only about 6 weeks to produce a crop it can be sown until quite late in the season. We sow this millet here from May 10th to August, sown early and cut when in blossom it produces a good second cutting.

The seed of this Millet makes good food for poultry and hogs as it contains almost as much fat and extract matter as shelled corn and a little more protein.

Sow the seed at the rate of 12 to 15 lbs. per acre.

**Pearl Millet or Pennclaria.**—This quick-growing forage plant has been long known under the name East India or "Cat-tail" Millet. Sown in drills 4 feet apart and cultivated like corn, the plants attain a height of 8 to 10 feet, with slender, long-bladed leaves. These stalks can be cured for Winter use and the seed makes an excellent poultry food. But the best use of the plant is to cut the stalk for green forage when about 3 feet high and allow the plants to make a second growth for Fall feeding or ensilage. On richly maured land these plants grow with tropical luxuriance and no other crop will yield as much forage. Pearl Millet is of exceptional value for sections subject to protracted drouth where natural grasses dry up, as it will keep on growing and furnish a good crop in the driest season. Eight pounds of seed are required per acre, if sown broadcast, and 5 to 6 pounds if sown in drills.



Golden Millet

WRITE FOR CURRENT PRICES ON FIELD  
SEED WHEN READY TO BUY



# SOW SUDAN GRASS

A sweet heavy-yielding grass; absolutely drouth-proof; grows successfully everywhere sorghums are grown. Stock of all kinds eat it greedily; yields more pasture than any other annual forage crop per acre.



Sudan Grass can be best described by saying that it has all the good qualities of Johnson Grass, with a lot more of its own added, and while it looks like an extra tall-growing strain of Johnson Grass, it has NOT a single bad quality or characteristic of Johnson Grass, such as the creeping underground root stalks. Sudan is absolutely free from the objectionable root system which makes Johnson Grass so difficult to eradicate. Sudan Grass is an annual that requires reseeding each year. It is no more difficult to get rid of than sorghum or cowpeas. It may be grown, either drilled in cultivated rows, or broadcasted. If planted in rows, the rows should be as close as possible and yet permit of easy cultivating. In 30-inch rows, 2 to 3 pounds of seed per acre is sufficient. For drilling or broadcasted 10 to 20 pounds of seed per acre is necessary. The seed should be sown when the ground is warm in the spring. Five tons of hay per acre is a reasonable estimate of its yield. The crop should be cut for hay as soon as the grass is fully headed, and early cutting is advised where the crop is to be used for hay.

## Alfalfa Can Be Grown in the South

**A Field of Alfalfa Is a Regular Gold Mine—The Cash Value of the Crop Is Large—The Soil Is Richer Every Year—Plant Our Tested Seed for Best Results.**

**Alfalfa.**—We make a specialty of Alfalfa, handling the highest and purest grade of the seed, and selling more of it than any other house in the South. We have advertised and done as much to improve its value upon our farmers as any other concern in Texas. There have been a number of articles written recommending farmers to sow non-irrigated seed. We have been selling Alfalfa seed for 15 years and never yet been able to see where non-irrigated seed had any advantage over irrigated seed; and, in fact, we consider the irrigated seed by far the best, as it is always well matured, is much stronger and has more vitality; then why not better seed? What you want to plant is the best cleaned seed you can get, and the recommendation of some parties to sow non-irrigated seed that is not thoroughly cleaned is all bosh. A large number of the best Alfalfa farms in Texas were seeded with seed furnished by us. We can furnish either the irrigated or non-irrigated Alfalfa seed.

**Bokara or Sweet Clover.**—Sweet Clover can be grown in all sections of the United States, and it is has been proven that in many sections it is of value as a farm crop. It thrives on poor clay and poor sandy soil, but does best on limestone soil. On poor soils and where it is uncommon, the seed should be inoculated at the time of sowing. As the bacteria of the roots of the Sweet Clover can inoculate Alfalfa, it makes it a valuable crop where Alfalfa is to be sown later.

Sweet Clover must have a firm, well-prepared seed-bed. It does best after corn on ground that does not need to be plowed, using a disc or spike-tooth harrow to cover the seed. It can be sown either in spring or fall, and does best when sown alone; 20 to 30 pounds of hulled seed or 30 to 40 pounds of unhulled, are sown to the acre. It is a vigorous grower and soil-improver, especially on poor, worn-out land, where an ordinary crop will not grow. As with Alfalfa and Cow Peas, stock may not eat it readily at first; but, from the amount that is being fed in many states, it is apparent that their dislike is overcome. Sweet Clover disappears under ordinary mowings, as it lasts only two years under such conditions, but if left to seed itself, will last ten to fifteen years.

**Lespedeza or Japanese Clover.**—(If interested, write the Department of Agriculture, Washington, D. C., and ask for Farmer's Bulletin No. 441.)

Lespedeza is a summer annual and grows from Central New Jersey, through all the southeastern states and Texas, and grows luxuriantly in the Southwest under irrigation. It is a summer-growing crop, re-seeding itself. Lespedeza grows readily with Bermuda Grass and is just the thing to grow in meadows where Bermuda abounds. No danger of bloating stock that feed upon it.

Lespedeza and oats make an excellent combination, sowing the oats in the fall and the Lespedeza in March. After the oats have been harvested, the Lespedeza will yield two tons of hay per acre. It cures readily, drying in one day, and it is an excellent crop to rotate with cotton or corn. Sow 15 to 25 lbs. per acre. (Write for quantity price.)

**Burr Clover.**—An annual Clover for the South; can be sown in Spring and Fall. A most valuable Winter grazing crop for the South, growing luxuriantly all through the Winter. After once being seeded, it reseeds itself and improves in growth each succeeding year. It is admirably adapted for growing with Bermuda Grass; the combination of the two makes a splendid all-the-year-round pasturage. Sow 20 pounds per acre.

**White Dutch.**—In connection with Kentucky Blue Grass, it furnishes finest and most nutritious pasture for sheep and cows. Also used for making lawns. Sow 6 to 8 pounds per acre.

## ALFALFA IS THE KING OF ALL CLOVERS



Field of Alfalfa at Cutting Time



# A CROP OF FIELD BEANS MAKES YOU TWO PROFITS

You can raise a crop of corn and a crop of beans on the same land without decreasing the corn yield. And land that will make 20 bushels of corn will easily make a ton of beans in the hull in addition to the corn. You double the return from every acre and you add greatly to the fertility of the soil. Field beans are recognized as great soil builders. A crop of beans turned under is equal in fertilizing value to a ton of cottonseed meal. A crop of beans is made at no additional expense. The usual practice is to plant two rows of corn and one row of beans. A bushel of seed plants 8 to 10 acres. The beans gathered and crushed make a stock feed equal to any feed, or the beans can be left in the field for the stock to graze.

## SOJA, OR SOYBEAN

Soja or Soybeans should be planted as soon as the ground is well warmed. They withstand drouth to an extraordinary degree and never fail to produce a crop. One-third to one-half busnel of seed is planted per acre, with a drill preferably three or four inches apart in row and rows 30 inches apart.

**Mammoth Yellow Soja, or Soybean.**—Heavily podded with seed, and yielding 6 to 8 tons per acre. It is a variety either for feeding green or for silo, being a plant rich in nitrogen. It is unsurpassed as a soil-improving crop. Price on application.

### BENEFITS FROM GROWING SOYBEANS.

The Soybean, like clover and alfalfa, is a legume. If properly inoculated it has the power to taking nitrogen from the air and building it up into its own tissue. If grown it increases the protein of the farm for feeding purposes and also gathers nitrogen to enrich the soil.



## EARLY SPECKLED VELVET BEANS

A valuable plant for the South, used for pasture, green manuring and green forage. Its nitrogen-gathering properties are said to surpass those of the Cowpea. It is the rankest grower of any of

the legumes; 2 or 3 seeds planted 4 feet apart in rows 5 feet apart will literally cover the ground 2 to 3 feet thick with a mass of foliage and vines 20 to 25 feet long, no matter how poor the soil. It leaves a mulch on the ground that is very beneficial to the soil. Sow 15 lbs. per acre.

## TEPARY BEANS

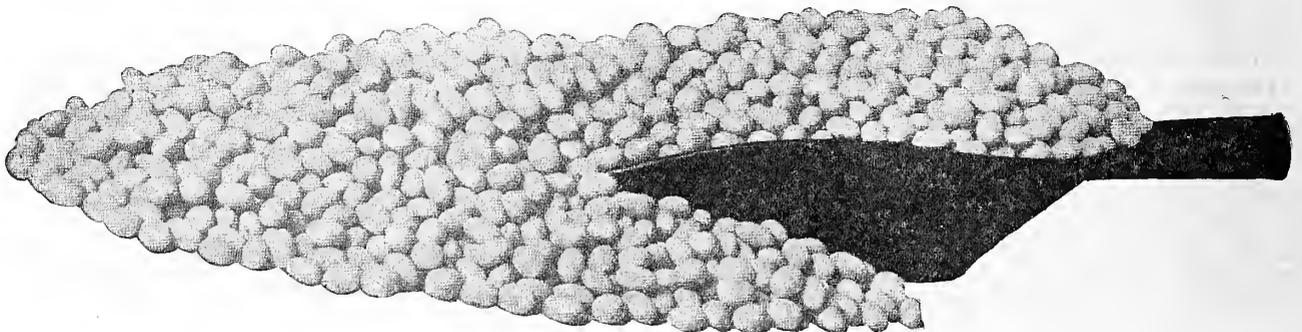
The Tepary Bean comes down to us from the Aztecs who inhabited the Southwest long before the white man discovered America. The Agricultural Experimental Department has recognized its great merit as a drouth-resistant bean, and recommended it to be grown on the mesa lands where it is too hot and dry for our common varieties to grow. It is also recommended for a summer cover crop and soil renovator, as it needs no irrigation. It yields thirty to forty sacks of dry beans per acre. The vines should be handled when damp to avoid loss by shelling. The beans are like the small White Navy, but smaller. However, for table use we give them our hearty endorsement. We have tried them, and believe them better than all others for baked beans.

A native of the most arid part of the Arid Southwest. Drouth-resistant. Grown by Indians for thousands of years without irrigation with an annual rainfall of 9 inches. Quick maturing. Sixty-five days from seeding to harvest. Available as a catch crop. New botanical family and immune to common bean diseases. Flavor, delicious and distinctive. Cooks well. Very nutritious. It takes 20 pounds to an acre.

Plant the Tepary with the ordinary drill that you would use for the Navy, but drop them farther apart, because it grows a low-spreading vine ordinarily about two feet in diameter, but when irrigated it spreads as much as four feet in diameter; therefore when planting, estimate the quantity of seed and distance according to the richness of the soil and moisture. We advise sowing twenty pounds per acre.

What one grower says of it:

"A shell bean more prolific than the navy, which it resembles."



Tepary Beans



# COW PEAS

The great soil improver—makes poor land rich, and rich land more productive.

Cowpeas are especially valuable as a "catch crop," and there are millions upon millions of acres of land that should be planted in Cowpeas every summer that now lie idle or only work "half time," if we may so term it. None who read this will dispute the very self-evident fact that a crop of Cowpeas grown on land makes succeeding crops better, even if the Cowpeas are cut for hay and practically all the crop removed.

Cowpeas can be planted almost any time from last frost up to August 1st. They make a fine crop to follow oats, wheat or rye, either as a single crop or mixed with sorghum for hay.

In the cornfields at "laying by" time there is nothing better than Cowpeas between the rows. They take nothing from the corn, and yet they add the most expensive fertilizing element, nitrogen, to the soil for succeeding crops. Nowhere in this wide world do good farmers attempt to build up and improve land without clover or some similar legume crop. For your land's sake plant plenty



Cow Pea Plant



IRON COW PEAS  
Growing between rows of corn.

of Cowpeas in 1920. They will help the land and furnish plenty of roughage and grain for cattle and hogs. Growing cowpeas is almost like putting money to your credit in the bank.

**Whippoorwill.**—A favorite early bunch-growing variety. Seed is reddish brown speckled. A great favorite on account of its early maturity. Price will be quoted on request.

**Clay Peas.**—Furnishes large crop of nutritious forage, while the roots enrich the soil. Write for prices.

## TABLE COW PEAS

**Blackeye.**—Vines erect, seeds medium-sized, white, maturing

medium late. This Pea is recommended and grown in many sections for table use.

**Gallivant or Lady.**—This is an old-fashioned Pea, which is very popular in sections where it is known. The peas are small in size, of very fine flavor, superior in table qualities to the Blackeye. It is very prolific, and a very desirable variety. It is known in some sections as "The Lady Pea."

# COTTON SEED

WRITE FOR PRICES

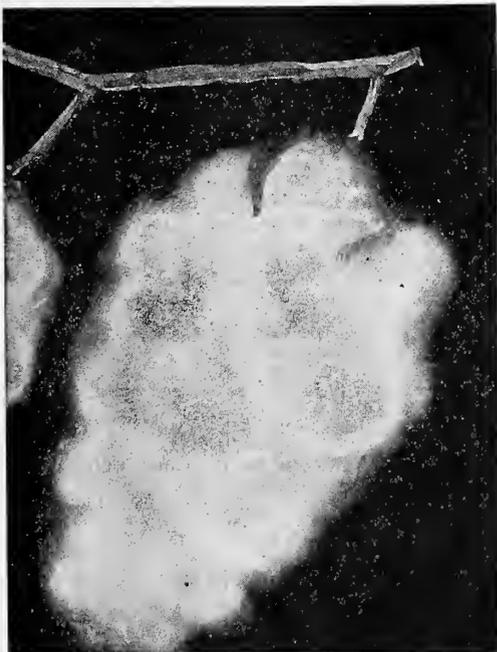
## LONE STAR COTTON

**Better Quality of Lint—Sells for More Money  
Larger Bolls—More Storm-Proof**

The plant is of medium height with one to four limbs, and many long branches. While it resembles the well known Triumph, it has many important advantages over that variety. The staple is longer, measuring 1 to 1½ inches, very strong and of uniform length, and the longest short staple cotton known. The bolls are longer, requiring from 35 to 45 to the pound, and producing 38 to 40 per cent lint. Fruiting branches develop fruit 4 to 7 inches from their base instead of from the extremities. The early maturing of Lone Star Cotton gives it a decided advantage over any other sort under boll-weevil conditions. 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 other varieties. Lone Star Cotton has never failed to command a premium over any other variety of short staple cotton.

**Mebane Cotton.**—This cotton is so well known and universally planted it needs no description. It is enough to say it yields from 35 to 41 per cent of lint to the 100 pounds of seed cotton. As a storm proof it beats all other cottons. As a drouth resister it is the best. It is five-locked and a big boll, and a longer staple than most cotton. Staple from 11-16 to 1½ inches. Size of bolls 1¾ to 2 inches in diameter.

**Famous Rowden Cotton.**—We say famous, because this cotton has brought the farmers of Texas more money than any other cotton that was ever introduced. It has a large boll and strong weed, never grows too tall, bolls well set on the limbs, limbs short and sturdy, less liable to the ravages of the boll weevil, and the most productive cotton ever put on the market. This cotton will more than third itself any season, and has been known to go as high as 38 pounds lint cotton to the hundred. Bolls 1½ to 2 inches in diameter.



Lone Star Cotton



# FLOWER SEEDS

**W**HEN we see the orders coming in each year we wonder why our customers do not order more flower seed. Surely you do not realize the pleasure to be obtained from planting and watching the flowers grow and bloom. Then, too, they add so much to the beauty and worth of your property. For a very little money you can buy enough flower seed in different varieties and colors to surround your home with their dainty beauty and fragrance. Go into partnership with nature by planting flowers and we know you will find a greater joy in living.

## Plant Flowers to

Beautify your home grounds, to  
Hide unsightly foundations, in  
Borders, or hedge, or in  
Artistically arranged beds, to  
Make your back yard radiate with  
their beauty and fragrance.

We offer varieties in every color and height to suit every particular place you wish to beautify. Nothing can be so enjoyable and profitable, at so little expense, as the planting of flowers about your home grounds.

Plan your spring planting of flowers NOW.

## Selected Varieties of Flowers

Adapted to Southwestern Soil and Climate

**The Most Popular Variety and Choicest Strain.**—Cultural directions are given on the packets, and we urge purchasers to study them carefully. While some seeds need special treatment, the following general rules will apply to all: Make the surface of the soil as fine, smooth and level as possible; do not plant when the ground is wet; cover each lot of seeds to a uniform depth, which should not be more than four or six times the diameter of the seed; press the soil firmly over the seed; plant in rows, so that the starting plants can be seen easily; be careful not to allow the young plants to be crowded or to be smothered by weeds. All Flower Seeds sent postpaid on receipt of price. Our Flower Seeds are put up in fancy packets, showing the colored flower on one side and on the back the full directions **How to Sow and Cultivate Each Kind.**

### Ageratum, or Floss Flower

A hardy annual of easy culture. Especially valuable for bedding, as it is literally covered with blossoms all summer.

**Mexicanum.**—Lavender-blue; height, 18 inches.

### Alyssum

A free-flowering annual easily grown. Seems to thrive well in most any soil and location. Excellent for borders. Blooms very

early in the spring and continues throughout the season. Plants covered with snow-white, fragrant blooms that are much used for button-hole bouquets.

**Little Gem.**—The plants are dwarf and spreading; growing only 3 to 4 inches high. They soon become one mass of white and remain in bloom until fall. Pkt., 10c.

### Amaranthus

Bright colored plants from 2½ to 5 feet high. Thriving in hot sunny locations.

**Caudatus (Love Lies Bleeding).**—Light yellowish-green foliage; long, drooping crimson flower spikes. Plants grow three to four feet high. Pkt., 5c.

**Purpureus.**—(Prince's Feather). Dark red feathery flowers. Pkt., 5c.

**Tricolor.**—(Joseph's Coat). Two and one-half feet. Leaves red, yellow and green. Pkt., 5c.

### Antirrhinum

(Snap Dragon)

This fine old-fashioned flower is very popular and very hardy. A beautiful tree-blooming plant that seems to do well everywhere. It has been greatly improved by flower seed breeders within the last few years.



### TALL VARIETIES.

**Queen Victoria.**—Pure white. Pkt., 10c; ¼ oz., 35c.

**Light Rose.**—Pkt., 10c; ¼ oz., 35c.

**Carminé Rose.**—Pkt., 10c; ¼ oz., 35c.

**Atrococcineum.**—Scarlet. Pkt., 10c; ¼ oz., 35c.

**Majus.**—Tall sorts mixed. Pkt., 10c; ¼ oz., 30c.

### DWARF VARIETIES.

**Brilliant Rose.**—Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

**Daphne.**—Darkest rose, white throat. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

**Defiance.**—Bright scarlet. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

**Queen of the North.**—Pure white. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

**Black Prince.**—Darkest red. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

**Dwarf Sorts Mixed.**—Pkt., 10c.

### Asters

This splendid fall favorite of our grandmother's garden still continues to beautify our garden and should be sown more generally, it being perfectly hardy and easily grown.



**Asters—Continued**

**Culture.**—The Aster is hardy and easily grown. Sow seed in the open ground in May or August and September blooms, or in March or April in coldframes for earlier bloom. The seed should be covered about ¼ inch in good, rich soil. When the plants are strong enough, transplant about 18 inches apart in deeply dug, well prepared beds.

**Queen of the Market.**—One of the earliest blooming varieties, blossoming frequently in July. Of spreading habit, 8 to 10 inches high. Blossoms medium sized, and the petals curve outward. Mixed, pkt., 10c.

**Early Branching Aster**

The plants of the Early Branching Aster attain the size and vigor of the famous Late Branching, but blossoms from ten days to two weeks earlier. The many branches are free from side buds, the whole strength of the plant being given to the development of extra large, perfectly formed flowers on long, stiff stems, making them especially desirable for vases, for exhibition, or for sale. Mixed colors. Pkt., 10c.

**Balsam**

**(Lady Slipper or Touch-Me-Not)**

One of the showiest of our annuals. They succeed best in sunny spots in rich loam and are especially easy to grow, blooming all summer. Plants grow 15 to 20 inches tall and produce an abundance of flowers that are fine for table decoration.

**Camellia-Flowered, Double, Finest Mixed.**—Pkt., 10c.

**Balloon Vine**

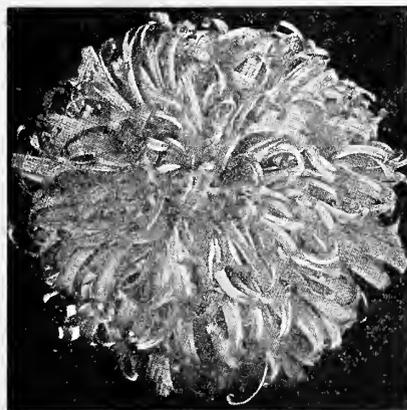
**(Cardiospermum Halicacabum.)** Climbing vine of rapid growth with white flowers and seed vessels which resemble miniature balloons. Light, warm soil suits them best. Hardy annual. Pkt., 10c.

**Balsam Apple**

Vigorous climber, has handsome leaves, which give quick and dense shade for verandas, etc., and bears a small yellowish white flower. The orange-colored fruit, which is covered with warty protuberances, bursts open when ripe and turns back, showing bright red seeds. It is a really handsome vine and very interesting to those unfamiliar with it. Preserved in spirits, the ripe fruit is highly valued by old-fashioned people for its supposed value in healing cuts and bruises. Half hardy annual. Twelve feet. Pkt., 10c.

**Canary Bird Vine**

Annual, fifteen to twenty feet. Clean, handsome foliage, with an abundance of bright canary-yellow blossoms; excellent window vine for winter. Pkt., 10c.



Aster

**Canna**

These are usually and preferably planted from roots or started plants, but can be successfully grown from seed if planted early. See bulbs on page 64.

**Giant Flowered Mixed.**—Pkt., 10c.

**Candytuft (Iberis)**

A hardy annual, growing about 6 to 18 inches high, according to the variety. The blossoms are borne on variously long spikes, and the newer varieties are quite large flowering and very fragrant. Of easy culture and valuable for bedding or massing.

**Coronaria Empress.**—Large trusses of pure white flowers, the finest Candytuft yet raised. Pkt., 10c.

**Canterbury Bells**

One of the best known plants grown in the garden. The hardy perennials, if sown early in good soil, will bloom early the following season. These are very fine for edgings and beds. Finest Double Mixed. Pkt., 10c.

**Calliopsis or Coreopsis**

Very showy annual or perennial plants, easy cultivated in ordinary soil. They are abundant in bloom and of bright, attractive colors. Pkt., 10c.

**C. Lanceolata.**—One of the best hardy flowers; large yellow flowers from June until frost. Pkt., 10c.

**Cardinal Climber**

**(Ipomoea Quamoclit Hybrida)**

The finest new annual climber introduced in many years. Very graceful and beautiful, growing rapidly, and in a warm, sunny location, in good soil, it reaches a height of 20 feet and is densely clothed with deeply lacinated palm-like, rich green leaves, bespangled with clusters of fiery scarlet, tubular, spear-shaped flowers, measuring 1¼ inches across. Pkt., 25c.

**Calendula**

**(Pot Marigold)**

Very hardy annual, one foot high, blooming freely practically the whole year round. Is of the easiest culture and is desirable for rather inferior soils, where less sturdy flowers do not thrive. A medicinal extract resembling arnica is made from the flowers.

**Double Mixed.**—A good mixture of 8 or 10 different shades of yellow, some clear colors and some shaded and striped. Pkt., 10c.

**Centaurea**

**(Bachelor's Button)**

Also known as Blue Bottle or Corn Flower. A well known, hardy annual embracing a number of species, some being grown for their foliage. Except the white leaved sorts, all make excellent cut flowers. If seed is sown early it will furnish a profusion of white, blue, purple or pink single flowers from June until September.

**Centaurea Cyanus (Blue Bottle).**—Corn Flower or Bachelor's Button. Pkt., 10c.

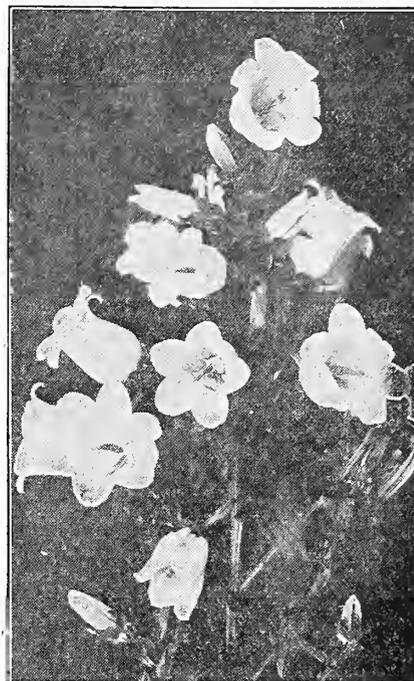
**Centaurea Gymnocarpa (Dusty Miller).** One foot. Foliage finely cut of silvery gray color, used for bedding. Pkt., 10c.

**Imperialis Mixed.**—Pkt., 15c.

**Carnation**

In the splendid strains of carnation we offer, a remarkably large percentage of the flowers will be more or less double. Gardeners who have been buying plants will find it decidedly to their advantage to sow seeds instead, especially now that we have such fine kinds blooming the first year from seed; these, although so much earlier than the old race of carnation, bear comparison with the best of them as to beauty, fragrance and productiveness. Carnations in the southwest rarely require any protection whatever, although it is generally worth while to throw around them a little loose litter in midwinter. Hardy annual. One and one-half ft.

**Marguerite.**—Fine mixed. Pkt., 10c; ¼ oz., 50c.



Canterbury Bells.

**Clarkia**

A beautiful tribe of favorite plants, with pretty cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances. Hardy annuals.

**Clarkia Pulchella.**—Double mixed; 1½ feet high. Pkt., 10c.

**Columbine**

**(Aquilegia)**

This family is one of the most beautiful and popular among hardy perennials. The different varieties present an unusual wealth of color and form. For growing in borders or filling up bays in shrubbery they are unsurpassed. Seed sown in the house, in March will frequently produce bloom the same year. It is best, however, to sow seed out of doors when the ground warms up. Any ordinary garden soil is suitable for their growth. The flowers are fragrant.

**Helena.**—Of strong robust growth, bearing numerous flowers of a lovely shade of blue and pure white. Pkt., 15c.

**Cockscomb (Celosia)**

Annual plants of tropical origin, and one of the most satisfactory and showy plants for garden decorations, bearing in the greatest profusion spikes of beautiful feather-like blossoms. In this class is included the well-known Cockscomb.

**Glasgow Prize.**—A greatly improved strain with immense heads borne on sturdy robust plants of dwarf habit. The color is a rich crimson, excellent for borders. Pkt., 15c.

**Thompson Magnificent.**—A very fine selection of the popular feathered Celosia containing many pleasing shades of color varying from pale yellow to the deepest crimson. Pkt., 10c.

**Cosmos**

Showy summer and autumn bloomers, the flowers of which resemble the single Dahlia, although much more beautiful, owing to their daintiness. In rich soil the plant has a very luxuriant growth, and in such situations, the plants should not stand closer than three feet apart, eighteen inches being close enough in all cases. Few flowers have grown more into popularity in late years than the Cosmos, and we recommend it to all who have space for large plants in their gardens. Hardy annual. Four to five feet.

Lady Lenox, Pink..... Pkt., 10c  
 Lady Lenox, White..... Pkt., 10c  
 Lady Lenox, Mixed..... Pkt., 10c



**Cypress Vine**

One of the most beautiful of the climbers; fine, delicate cut foliage, dotted with small, scarlet, star-shaped flowers. For covering pillars, trellis-work, etc., is not surpassed for grace and beauty. Height, 8 feet. Tender annual.

**Cypress Vine.**—Scarlet; very brilliant; 10c per packet.

**Cypress Vine.**—White; 10c per packet.

**Cypress Vine.**—Mixed, 10c.

**Dahlia**

This exceedingly beautiful genus comprises an almost endless number of varieties, all more or less showy in the flower garden in the late summer, when most other flowers have faded. They are all of easy cultivation, growing freely in almost any soil, from seed sown in the spring. If sown early in the house and transplanted in June, will bloom the first year. Half hardy perennial.

**Finest Double, Mixed.**—Pkt., 10c.

**Finest Single, Mixed.**—Pkt., 10c.

**Daisy**

(Shasta)

A fine perennial plant, bearing large white single blossoms, with yellow centers; an excellent flower and admired everywhere. Pkt., 15c.

**Dianthus, or Pinks**

Hardy annuals, about 1 foot high, and bearing beautifully colored single and double blossoms in profusion all summer. Sow seed early in boxes and transplant, or sow in rows where the plants are to remain, and thin.

**Chinese Double.**—Choice mixed. Largest double flowers of beautiful colors. Pkt., 10c.

**Mixture of Double and Single Pinks.**—This mixture contains the best of the Dianthus varieties. Pkt., 10c.

**Digitalis, or Foxglove**

A hardy perennial, blooming the second year from seed. Grows usually about 3 1/2 feet, although in very rich soil some times 6 feet. The bell shaped flowers are borne on long spikes, and come in shades of purple, lavender, rose and white, all spotted lightly inside the blossom. Thrive best in cool, shady locations. Fine mixed, pkt., 10c.



Eschscholtzia

**Eschscholtzia**

(California Poppy)

Very showy, free flowering plants, of low growth, with fine divided foliage of a silver-gray hue. Where a whole bed of these flowers is desired the seed may be sown thinly broadcast over the bed and lightly raked in. This is the most effective way of planting this gorgeous flower. When well started, the young plants may be thinned out to stand 8 to 10 inches apart each way, flowering profusely throughout the season. Pkt., 10c.

**Feverfew**

(Matricaria Capensis)

Called Double Feverfew. A plant growing 18 inches high and bearing profusely pure white, very double flowers. Pkt., 10c.

**Forget-Me-Not**

(Myosotis)

Pretty little clusters of fine, delicate flowers. They succeed best in a shady situation, but will thrive well in any garden soil, blooming most freely during the spring and fall months. They will flower also as a house plant during winter in a cool room. Seed should be sown early in the spring and when well started, transplanted to stand 6 inches apart. Along the garden walks they make a beautiful border. Most varieties bloom freely the first season, and still more profusely the second spring. Pkt., 10c.

**Four O'Clock**

(Marvel of Peru)

The plants are large and require 4 feet space; make a pretty hedge. Some of the varieties have beautifully variegated leaves. Will grow in any common garden soil, from seed sown in open ground. Hardy annual, 2 feet high.

**Marvel of Peru.**—Hybrid, finest mixed. Pkt., 10c.

**Gaillardia**

(Blanket Flower)

A beautiful, showy, free-flowering plant of easiest culture that grows wild in some parts of Texas. They are very hardy, bloom freely from seed sown early in the spring. Plant grows 18 to 20 inches high, and is covered with brilliant flowers in scarlet and yellow shades.

**Fine Mixed.**—Pkt., 10c; 1/2 oz., 30c; 1 oz., 50c.

**Geranium**

These grow readily from seed the first year and produce blooming plants the first summer.

**Fine Mixed.**—All varieties and colors. Pkt., 10c.

**Gypsophila**

(Baby's Breath)

Graceful plants of light fairy like growth, 2 feet high. Bears a profusion of small star-shaped white and pink flowers. Pkt., 10c.

**Gourds**

Ornamental mixed; bearing fruit of the most varied and fantastic forms, of rapid growth and very desirable for trellis work; 10c per packet. Ounce, 15c.

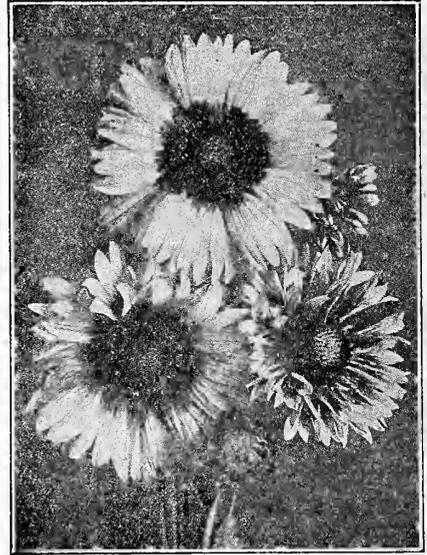
**Heliotrope**

Well known, deliciously fragrant plants, excellent for bedding purposes or pot culture. Half hardy perennials.

**Heliotropium Grandiflora.** — Finest mixed; 18 inches. Pkt., 10c.

**Hollyhock**

The flowers are as double as the rose, of many shades of color, from deep yellow, red and purple to pure white. Plant the seeds in June or July, in open ground, and in the autumn, when the plants have made five leaves, transplant to permanent positions, 3



Gaillardia

feet apart. The following summer they will bloom. Hardy perennial; 5 feet high.

**Hollyhock, Double.**—Extra choice; finest mixed. Pkt., 10c.

**Separate Colors.**—Double; white, pink, yellow, maroon. Pkt., 10c.

**Lychnis Chalcedonia**

Handsome for beds and borders, of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennials. Bright scarlet, two to three feet. Pkt., 10c.

**Hibiscus**

A hardy annual, growing about 2 feet high, showing an ornamental class of plants with large, beautiful colored flowers; grows freely in common garden soil.

**New Annual Mixed.**—Saved from the best trial varieties. Pkt., 10c.

**Ice Plant**

(Mesembryanthemum)

Valuable for hanging baskets, rockwork, vases and window boxes. It is curious growing, the leaves and stems appearing as though covered with ice crystals. A tender trailing annual growing about six inches high, and the vines will extend 2 ft. long. Pkt., 10c.

**Hyacinth Beans**

(Dolichos)

A very ornamental and rapid growing climber, with dense foliage and handsome purple and white flowers; 10c per packet; ounce, 25c.

**Kochia Tricophylla**

(Summer Cypress)

A splendid ornamental annual plant, forming dense oval bushes, 2 to 2 1/2 feet high, of small, feathery, light green foliage. As summer advances this changes to a carmine hue and finally to a fiery red. A very attractive plant at all times. Also called "Burning Bush." Pkt., 10c.

**Kudzu Vine**

(Pueraria Thunbergiana)

A new climber of great merit. This vine is one of the most rapid climbers there is, growing to 20 feet quickly. Called also Jack-and-the-Bean Stalk. Hardy perennial. Pkt., 10c.



## Larkspur

One of the best hardy annuals remaining a long time in flower. In order to have blossoms from July until frost the seeds should be sown in the open as early as possible. Exceptionally good for cutting.

**Dwarf Double Rocket.**—Beautiful spikes of double flowers, white, pink, lavender, light blue, etc. Grows one foot high. Oz., 60c; pkt., 10c.

**Tall Branching.**—A hardy annual 2 feet high, producing large double flowers on spikes 15 inches long. Colors rose, white and shades of blue. Valuable for cutting. Oz., 60c; pkt., 10c.

**Lantana.**—Tender perennial, growing from 2 to 3 feet high, bearing Verbena-like clusters of flowers, in orange, white, rose and other colors, excellent for bedding.

**Choice Mixed.**—Pkt., 10c.

## Linum

Very handsome plants for the border or rock garden. The perennial varieties will bloom from seed the first year if started early.

**Perenne Mixed.**—One and one-half feet. White and blue flowers are produced on the tips of long, wiry stems or branches with such airy grace that they appear to be floating in the air. Pkt., 10c.

## Marigold

A hardy annual, in dwarf and tall varieties, growing from six inches to 3 feet high. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders.

**African Tall Double Orange.**—Beautiful formed flowers of gigantic size and bright color; height 2 1/2 feet. Pkt., 10c.

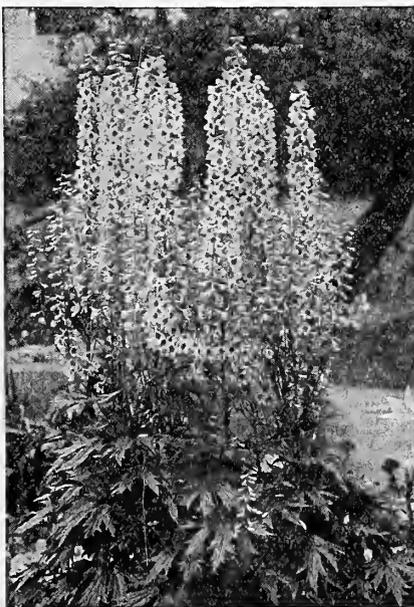
**French, Double Dwarf.**—Pkt., 10c.

## Moon Flower

(Evening Glory)

A splendid climbing plant; will grow 30 to 40 feet in a season. The seeds being very hard, should be pared thin at one end with a knife, care being taken not to cut the kernel, then sown in moist earth in a box and put in a warm place; they will be up in two or three weeks, then plant where wanted to grow.

**"Sky Blue."**—Grows 12 to 15 feet high, with large, heart-shaped leaves, which form



Larkspur



Nasturtiums

a handsome background for the immense sky-blue flowers, which measure 4 inches across. Pkt., 10c.

**White.**—Pkt., 10c.

## Morning Glory

**Convolvulus Major (Tall Morning Glory).**—This well-known annual is one of the most popular climbers. Of rapid growth, soon covering a fence or trellis with the abundant foliage and bright flowers. A great variety of colors and shades. Height, 10 feet. Hardy annual. Mixed colors. Pkt., 10c.

## New Imperial or Giant Japanese

The flowers are of gigantic size and the colorings and markings beyond description, ranging from snow-white to black purple, with all the possible intermediate shades, such as pink, rose, fiery red, copper red, carmine, crimson, pale blue, deep blue, royal purple, maroon, bronze, indigo, slate, brown, cherry and ash gray. Others are edged with white, having throats of one of the above colors; there is also an endless number of flowers spotted, marbled, striped, flaked and splashed. **Choicest mixed.** Pkt., 10c; oz., 35c; 1/4 lb., \$1.00.

## Mignonette

A well-known hardy annual producing dense, semi-globular heads of exceedingly fragrant flowers, borne on spikes 3 to 6 inches long. It is in bloom nearly the whole season, and the perfume is so fragrant that the whole atmosphere around is perfumed.

**Allen's Defiance.**—Long spikes of whitish flowers and compact growth. Pkt., 10c.

**Machet.**—A dwarf compact variety, with large stubby spikes covered with copper-red flowers, etc. Pkt., 10c.

## Nasturtium

(Tropaeolum)

Offers a great variety of soft and pleasing colors. The seed we offer is a selected strain and mixed in proper proportions so that our customers may be assured of having all the effective shades of pink, rose, scarlet, crimson, brick, claret, chocolate, brown, garnet, orange, primrose, yellow and white. Seed may be planted, one inch deep, early in April, in any convenient place, and the plants when large enough transplanted to their permanent place.

**Nasturtium, Dwarf.**—Very useful for bedding and brilliancy of effect; 10c per pkt., oz., 35c; 1/4 lb., 65c; lb., \$2.75.

**Nasturtium, Tall Sorts.**—Pkt., 10c.

## Pansy

This popular flower thrives best on a cool, moist but well-drained soil, enriched with well-rotted barnyard manure or fine-ground bone. Seeds sown early will produce fine plants for autumn blooming. The proper method, though, is to sow in July or August, and protect the plants during the winter,

when they will flower continuously that spring and summer.

We import our pansy seed direct from some of the best growers in the world.

**Giant Trimardeau.**—The largest flowering type of the pansies, called the French Strain. Blossoms are simply enormous, perfect in form and run through all the various colors from the lightest shade to the darkest purple. Per pkt., 25c.

**International Mixed.**—Handsome blossoms. This splendid class produces flowers of immense size and of the best attractive markings and colors. Pkt., 10c.

## Petunia

Most valuable plants, succeeding well almost anywhere. They are particularly showy in beds or masses and are universal favorites on account of their richness of color, fragrance and continued bloom.

**Giants of California.**—The "Giants of California" bear gigantic flowers often five or more inches in diameter, of an astonishing variety of colors. They embrace every conceivable shade of crimson, pink, lavender, yellow, black, pure white, etc. One of the chief points of excellence is the deep throat and diversity of veining in the throat. Many of the flowers have a clear yellow throat, while others have a pure velvety black one, so deep that it seems to show no veining; many are deeply lined and netted on a white pink or lavender ground. Many flowers are beautifully ruffled and frilled. Our stock is unexcelled, being saved especially for our critical trade by a leading Petunia specialist. Pkt. 35c.

**Rosy Morn.**—Of compact growth, covered completely with beautiful flowers one and one-half inches in diameter. The throat is silvery white, while the edge is heavily flushed with soft rosy pink. Very desirable for beds or borders. Pkt., 15c.

**Howard's Star.**—A clear purple with a distinct white star filling throat and extending to edge of petals. Pkt., 15c.

**Single Fine Mixed.**—Pkt., 10c.

**Petunia Hybrid Double.**—Large flowering, striped, mixed; very fine strain, with large, perfect flower. Pkt., 35c.

## Phlox Perennial

The varieties of perennial phlox are among the choicest of our flowers for bedding and border plants. They are perfectly hardy and need no protection, and will flourish in any soil, succeeding better, however, in deep, rich, rather moist ground.

**Phlox Perennial.**—Finest mixed. Pkt., 10c.

## Phlox Drummondii Grandiflora

One of the standard bedding plants which have a place in almost every garden, being unexcelled for constant profusion of bloom and diversity of colors. For early flowering sow the seed in boxes to transplant in the border or bed when the weather is warm, and a later sowing may be made in the open ground where they are to bloom. Hardy annuals. One and one-half to two feet.



# DRUMM SEED AND FLORAL COMPANY

**Cusplata (or Star Phlox Stella).**—A flower a color which strongly resembles that of the popular dwarf sort Fireball. Excellent for dwarf groups and for pots. Height, 1 foot. Pkt., 15c.

**Drummondii Grandiflora Alba.**—Pure white flowers, very large and perfectly formed. Height, 2 feet. Pkt., 15c.

**Splendens.**—Crimson with white eye. Pkt., 15c.

**Grandiflora.**—Choice mixed, all colors. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

## Portulaca

(Rose Moss or Sun Plant)

This plant will grow and bloom in a hot, dry and sunny situation where almost any other plant would soon die. Can be easily grown anywhere. It is a low growing or creeping annual 6 to 8 inches high and bearing glossy cup-shaped flowers in very brilliant and gorgeous colors. Beautiful in flower boxes or in open beds.

**Single Fine Mixed.**—Pkt., 10c.

**Grandiflora Flore Pleno.**—Fine double mixed. Pkt., 20c.

## Poppy

The different varieties of poppies are always favorites for outdoor display and the cultivation of them being so extremely simple entitles them to a place in every garden. Seed should be sown where the plants are intended to flower, because it is difficult to transplant them with any measure of success. During March or April sow in rows or groups and thin to about 1 foot apart.

**Carnation Flowered.**—Brilliant, large, showy, double flowers of various colors. Mixed. Pkt., 10c.

**Peony Flowered Mixed.**—Double ball-shaped flowers of gigantic size. Pkt., 10c.

**Shirley.**—These charming poppies range in color, extending from pure white through the most delicate shade of rose and carmine to deepest crimson. Pkt., 10c.

**Oriental (Perennial).**—A row of these in bloom makes a splendid show. The prevailing color is the brightest scarlet imaginable. Pkt., 10c.

## Salpiglossis

The Salpiglossis is one of the greatest favorites among the annuals, partly because of its easy culture, but principally for its beautiful orchid-like flowers which it produces from early summer until late fall.



Phlox

**Grandiflora.**—A very fine variety, all colors, mixed, bearing very choice flowers. Pkt., 10c.

## Salvia

(Scarlet Sage)

This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

**Splendens.**—One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from one and one-half to three feet in height and are completely covered with showy sprays of bright scarlet flowers. Pkt., 10c.

## Smilax

Sow in shallow boxes in light soil at any season of the year. Press the seed evenly into the soil, and then cover to the depth of one-sixteenth of an inch. The seed often germinates slowly, lying sometimes three or four months before it all comes up. When fit to handle transplant into shallow boxes or small pots. Pkt., 10c.

## SUNFLOWER

(Helianthus)

Stately, hardy annuals of easy culture. The smaller flowering varieties being also useful for cutting.

**New Red Sunflower.**—Is a very apt description of this new variety. The plant is of freely branching habit, with well-shaped, dark-centered flowers of bright chestnut red, merging to yellow at the tips of the petals; height 6 feet. Pkt., 15c.

## Scabiosa

(Mourning Bride)

A hardy annual 18 to 24 inches high, which is also commonly known as the "Pincushion Plant." The flower stems are long. The blossoms keep well in water. The soft shades predominate. A native of California and grows well throughout the entire Southwest. Mixed colors. Pkt., 10c.

## Sweet William

(Dianthus Barbatus)

A sturdy old-fashioned perennial. Free-blooming, easy to cultivate and is worthy of a place in every garden. Produces an abundance of richly colored flowers throughout the season. Fine for cutting. Choicest Mixed. Pkt., 10c.

## Sweet Peas

**Earliest, Hardest and Most Prolific Varieties.**

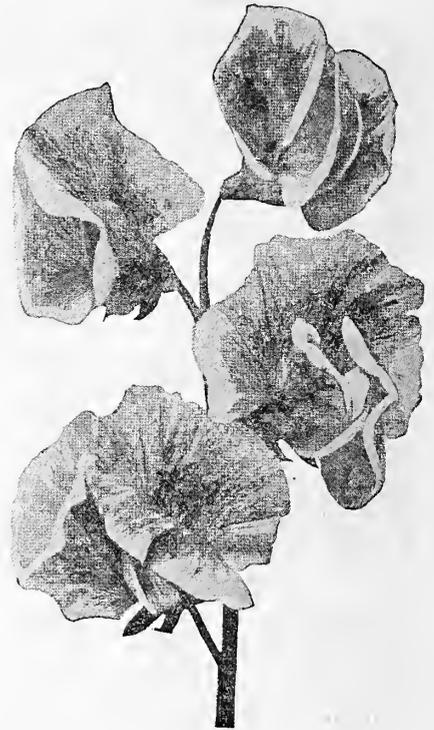
The delicate beauty and fragrance of the Sweet Pea, coupled with the vigorous growth and large flowers of the newer sorts, are making this every popular flower more and more desirable yearly. Enormous quantities are grown by the florists throughout the United States to supply the increasing demand. In the larger cities the supply has never met the demand for white and pink varieties of Sweet Peas. In this climate Sweet Peas can be sown either in the fall or early in the spring. They should be sown as early in the spring as the ground can be worked.

## Spencer Varieties, Large Flowering Mixtures

Pkt., 10c; oz., 25c; lb., \$3.00.

## Verbena

Verbenas are the most popular and satisfactory bedding plants in cultivation. Their heads of brilliantly colored flowers are borne in constant succession from June until frost. To secure early plants the seed should be sown in the greenhouse or hotbed in February or March and the seedlings transplanted to the open border in May. Seeds may be sown in the open border when all danger from frost is passed.



Spencer Sweet Peas

**Mammoth Mixed.**—Extra large flowered. Pkt., 10c; 1-8 oz., 25c.

**Verbena.**—Scarlet defiance. 10c per packet. White, finest variety. 10c per packet.

## Vinca

(Periwinkle)

Splendid, tender perennials with luxuriant dark green foliage and round, single flowers that bloom freely all summer. Excellent for summer bedding and pot culture. One foot.

**Rosea.**—Pkt., 10c; ¼ oz., 20c.

**White.**—Pkt., 10c; ¼ oz., 20c.

**Mixed.**—All colors. Pkt., 10c; ¼ oz., 30c.

## Zinnia

Few flowers are so easily grown from seed sown in the open ground, or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. During the month of August, Zinnias are incomparably bright. We recommend them for groups, beds, borders and summer hedges. Sow seed in the open ground early in spring. Height, 1 ½ to 2 feet.

## Giant Flowered Double Zinnias

These are not to be confused with the common or small flowered strains, as they are a distinct race of truly giant flowered Zinnias.

**Giant Flowered Crimson.**—A rich shade. Pkt., 10c.

**Giant Flowered Orange.**—Pure orange. Pkt., 10c.

**Giant Flowered Pink.**—Clear light pink. Pkt., 10c.

**Giant Flowered Scarlet.**—A flaming red. Pkt., 10c.

**Giant Flowered White.**—Pure snow white. Pkt., 10c.

**Giant Flowered Mixed.**—A splendid mixture of all of the above and others. Pkt., 10c; ¼ oz., 30c.



# Landscape and Engineering Department

Owing to an ever increasing demand for advice along the line of landscape work, we were, a few years ago, forced to add a landscape department to our business. That such a department was not added any too soon has been abundantly proven by the many calls and demands made upon us from our city and from surrounding cities and states as well. While it is usually very difficult to give proper advice by mail without having seen the place to be beautified, yet it is possible to give many "helpful hints," if the place has been fairly well described in letter of inquiry. Of course it is always better to send our experienced landscape architect right to the place.

In our landscape department we have adopted and try our best to live up to the motto, "What is worth doing at all is worth doing well." For that reason, we employ none but the most efficient help, and our stock of trees, flowering shrubs, roses and plants is the very best that can be secured. We handle all the ornamental stock suitable to this part of the country, and we do not advise people to use any but the hardiest and the best.

If you contemplate laying out a public park, beautifying your own private grounds or planting a few things around your little cottage, do not fail to correspond with us and we will be pleased to give you all the information we can.

We are perfectly well qualified to execute a large work and we do not despise the small business.

We are landscape architects and as such we will be pleased to furnish you plans, estimate of cost and planting list of your park or home grounds.

## THE VALUE OF SHADE TREES

**Can not be determined by their cost from us, as a few shade trees planted on your property will increase its value many times the cost of the trees. They are an unusually good investment. The same fact applies to the complete Landscaping of your grounds.**

## SHADE TREES

**Umbrella China.**—Price, 7 feet branched, \$1.50 each, \$15.00 per dozen; 6 feet, \$1.00 each, \$9.00 per dozen; 4 feet, 50c each, \$5.00 per dozen; 2 to 3 feet, 30c each, \$3.00 per dozen; very large specimens, \$3.00 to \$4.50 each.

**Hybrid China.**—We are not offering this as a distinct variety, but still it is distinct enough to be classed separately. Every year we notice among our Chinas some trees that have in them more or less of the blood of the common or Sour China. Evidently the blossoms of the Umbrella have been fertilized by the pollen of the Sour China. The trees are taller, handsomer and longer-lived than the Umbrella, but sometimes they are not quite so symmetrical in their growth. The prices on these will be the same as on the Umbrella, though we are not always certain of detecting the hybrids, especially in the smaller sizes.

**Sycamore.**—We sell more Sycamore in Fort Worth than all other shade trees combined. There must be a reason for this. It is not the cheapest tree. In fact, it is about the highest priced shade tree. It is because the Sycamore is by far the best shade tree for all purposes. It grows well on all soils, is of moderately rapid growth, and after it becomes once established it rarely or never dies, but continues to grow bigger and finer every year. However, after the tree is eight or ten years old, and becomes a little rough, with open top and small leaves that turn yellow in the summer, and drop early in the fall, then the top of the tree should be cut back severely, leaving nothing but the trunk, with the branches cut back. It may look as though the tree is ruined, but in the spring it will throw out the new sprouts that will grow eight or ten feet in a few months, covered with immense leaves, rich and green, which will remain on the tree until after frost. The sycamore is more uniform and symmetrical in its growth than almost any other tree, hence it is the best tree for street or avenue planting. A row of sycamores, if planted at the same time, and the same sized tree is used, will be uniform in its growth. Where large sycamores are wanted in 500 to 1,000 lots we shall be pleased to quote special prices. Purchasers needing large lots would find it to their advantage to visit our nursery and see the trees. Six feet, 90c each, \$10.50 per dozen; eight to nine feet, \$1.25 each, \$14.00 per dozen; ten to twelve feet, \$1.75 each, \$18.00 per dozen.

Extra large trees, \$3.75 to \$7.50 each.

**Locust (Black).**—This well known tree is a good grower and very hardy. We particularly recommend it for West Texas and for sidewalks in cities, or any place where the tree is likely to be neglected. Two to four feet, 30c each, \$3.50 per dozen, \$18.75 per 100; three to five feet, 45c each, \$4.50 per dozen; \$30.00 per hundred; six to seven feet, 75c each, \$9.00 per dozen; eight to ten feet, \$1.25 each, \$12.00 per dozen.

For extra large trees, from \$3.75 to \$7.50.

**Ash, Native.**—A well known tree; handsome shape and color. Price, six to eight feet, \$1.00 each; \$9.00 per dozen; eight to ten feet, \$1.75 each, \$18.00 per dozen. Large trees, \$5.25 to \$7.50 each.



## READ THIS

Mrs. J. L. Young, Mineral Wells, Texas, State Chairman of Parks and Playgrounds and First Vice-President of First District Texas Federation of Women's Clubs, sent us lately the following very interesting testimonial:

"During the past two years while President of the Civic League of Mineral Wells (my home town) 43 vacant lots were made into flower gardens, little parks, and children's playgrounds. These spots are close in and are admired and enjoyed by thousands of visitors every year. The Civic Department of the Texas Federation of Women's Clubs offered three fifty dollar prizes to the Texas towns making the best showing by means of photographs, showing conditions before and after beautifying. This contest was to be decided by the Economic Department of the State University at Austin. Mineral Wells was awarded one of these prizes."

"After visiting California my love of beauty was only intensified. I wrote Mr. Drumm of my desire for a flower garden at my home. He immediately sent his Landscape Artist, Mr. Nielsen, to study the surroundings and draw plans. The result was that in place of the barren block of ground surrounding my home, I now have a most wonderful flower garden with tall trees in the background, winding walks among beds of shrubs and flowers, that bloom throughout the entire year. Rustic seats in shady corners, a rustic pergola furnished with seats and serving table. My garden is the 'showplace' of Mineral Wells. Visitors are always taken by to see it."

"This spot is the delight of my 65 senior B. Y. P. U. boys and girls. It is an ideal place to entertain in summer, when it is too warm to use the house."

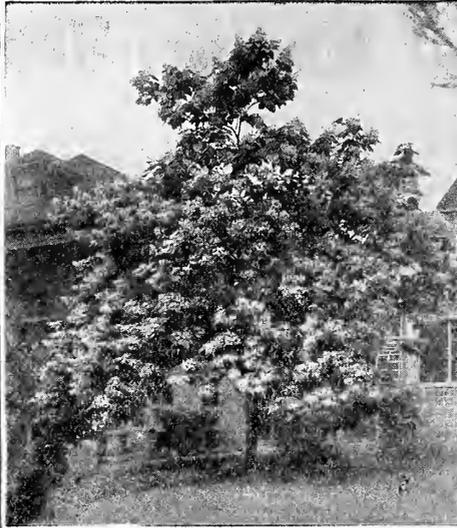
"All the trees, shrubs and flowers used in my civic beautification of Mineral Wells and those used at my home were bought from Mr. Drumm. I found his stock healthy, well rooted and extra large for the price, and gave the desired result even the first year. I can not speak in too high terms of the work of Mr. Nielsen, the Landscape Artist, who transformed my barren block of ground into a 'Fairyland' of beauty, and, too, at the most reasonable cost. It is a privilege to sign myself a deeply grateful and satisfied customer."

MRS. J. L. YOUNG,

Past President of the Civic League of Mineral Wells, and now State Chairman of Parks and Playgrounds and First Vice-president of First District, Texas Federation of Women's Clubs.



Ash



Catalpa Speciosa



Catalpa Bungei

## SHADE TREES---Continued

**Mulberries, Russlan.**—Very hardy, vigorous grower, valuable for feeding silk worms, etc. Fruit of small size, varies in color from white to black. 75c each, \$8.00 per dozen. Large trees \$1.50 each.

**Mulberries.**—We wish to call special attention to the value of the Hicks Mulberry as a shade tree. It is an upright and very rapid grower, and makes a handsome, permanent tree. It often grows twelve feet from the graft the first season, and in two or three years is a large tree. One tree of this variety planted on our grounds fifteen years ago now has a well-balanced symmetrical head of fifty feet spread. Four to six feet, 85c to \$1.00 each, \$8.00 per dozen; six to eight feet, \$1.50 each, \$15.00 per dozen.

**Mulberries, Downing.**—Fruit of rich, sub-acid flavor; lasts six weeks. Stands winters of Western and Middle states. 75c each, \$7.50 per dozen.

**Catalpa Speciosa.**—The best tree to plant on sidewalks or other exposed localities. 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 blooms in spring. Its timber is very durable, also resisting rot for many years. We have a good stock of fine trees. Transplanted trees, six feet, 75c each, \$7.50 per dozen; seven feet, \$1.25 each, \$15.00 per dozen; eight feet, \$1.50 each, \$16.50 per dozen; ten feet, \$1.75 each, \$18.00 per dozen.

**Soft Maple.**—With many people the favorite shade tree of this climate. If cultivated for a very 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 will grow readily in black land. It is the well known and very popular "silver maple" of the North. Price, twelve feet, \$1.50 to \$2.25 each, \$15.00 to \$20.00 per dozen; ten feet, \$1.50 each, \$15.00 per dozen; eight feet, \$1.25 each, \$5.00 per dozen; six feet 40c each, \$3.75 per dozen.

**Cottonwood.**—A rapid grower. Price, 75c to \$1.00 each; large trees, \$1.50 to \$3.00.

**Poplar, Silver.**—Beautiful, silver foliage; good grower. Price, 75c to \$1.00 each; large trees, \$1.50 to \$3.00.

**Elm, White.**—Price, eight to nine feet, \$1.25 each, \$8.00 per dozen; ten to twelve feet, \$2.00 to \$2.50 each, \$18.00 to \$24.00 per dozen; six feet, 75c each, \$6.50 per dozen.

**Carolina Poplar.**—There is a considerable scarcity of trees of Carolina Poplar in sizes above one and one-half inch caliber, in a large measure responsibility for the shortage is due to the real estate booms which have been in progress for the last year or two in several sections of the country. The Carolina Poplar is the real estate boomer's tree par excellence. The nursery men can afford to recommend it, because of its rapid growth and because they can plant it with every assurance that it will grow. Again, it makes a fine appearance sooner after planting than almost any other tree, and it is the real estate man's ambition to get his subdivisions on the market as quickly as possible. Unexcelled for quick growth and effect, its rapid growth giving an air of luxuriance to places where other trees appear to be started. Showy and cheery from the constant movement of its glossy, silver-lined leaves, yet always casting a dense, cool shade. If well pruned back during the first seasons, it makes a strong, durable tree. Is yearly planted in great numbers, and is one of the most popular street trees. In some cities it is planted almost exclusively when opening new streets in residence sections. Six to eight feet, \$1.25 each, \$12.00 per dozen; ten to twelve feet, \$2.25 each, \$20.00 per dozen.

**Poplar, Lombardy.**—Very rapid, upright grower; cannot be excelled as a handsome avenue tree, its striking appearance rendering it very desirable as a decorative feature. Price, ten feet, \$1.50 each, \$15.00 per dozen; seven feet, \$1.25 each, \$13.50 per dozen five feet, 75c each, \$7.50 per dozen.

**Russlan Olive.**—Tree attains a height of from 20 to 30 feet, bark dark green, wood very heavy and burns like a candle (called by some the European Candle Tree), foliage rich silver color, willow shape; flowers deep golden and very fragrant; hardy. It is a beautiful ornamental tree, and should be in every collection. 75c to \$1.50 each.

## Ornamental Trees

**Catalpa Bungei (Umbrella Catalpa).**—Grafted on stems six to eight feet high, it makes an umbrella shaped top without pruning. Perfectly hardy and flourishes in almost all soils and climates. Leaves large, glossy, heart-shaped, deep green, lay like shingles on a roof, always making a symmetrical head. One of the most unique trees; desirable for lawn, park and cemetery planting. Can also be supplied worked low, making an exceedingly handsome dwarf specimen. Grafted, six to eight feet, \$4.00; dwarf, three to four feet, \$3.50 each, and up to \$10.00 each.

**Japanese Varnish.**—(*Sterculia platanifolia*).—The varnish tree has smooth green bark and when young puts out stiff branches tipped with a cluster of tuft-like foliage, which rapidly develops into large strong branches and a perfect rounded symmetrical head. Large panicles of white, aromatic flowers appear in early summer. A very desirable quick-growing tree. 6 to 8 feet, \$1.50; 8 to 10 feet, \$2.00 to \$2.50.

**Japanese Persimmons.**—In addition to its fruiting qualities the Japanese Persimmon makes a very beautiful and ornamental lawn tree. The foliage is beautiful and in the fall it presents a very fine sight as it is loaded with large golden fruit. Price, \$1.25 each.

**P. alba Bolleana.**—(*Bolle's Silver Poplar*).—Grows to about 75 feet. Foliage silvery white and very striking. Tree is graceful and similar in shape to the Lombardy variety. 6 to 8 feet, \$1.25; 10 to 12 feet, \$2.00.

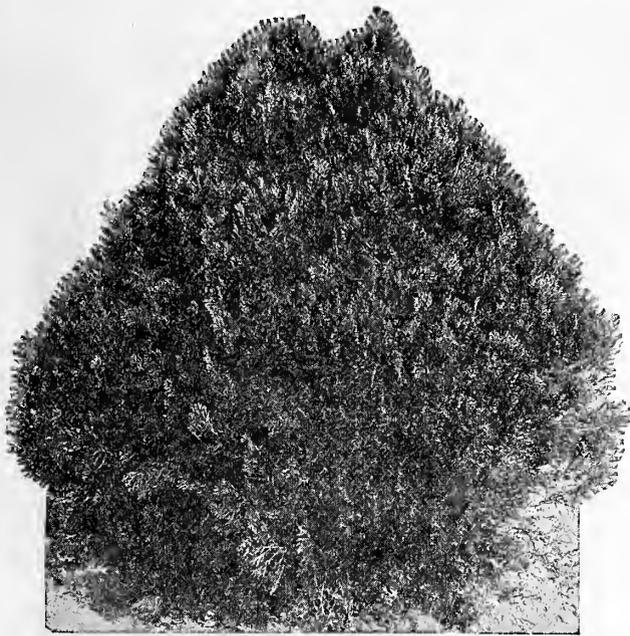
**Red Bud.**—(*Cercis canadensis*).—Judas tree; a medium-sized tree, perfectly covered with purplish flowers in early spring. Leaves are heart-shaped, of a beautiful clear green. Price \$1.00 to \$2.00 each.

**Teas' Weeping Mulberry.**—A very hardy weeping tree of low growth. Trunk is straight, capped by numerous vine-like branches which droop to the ground. Foliage bright lustrous green. An excellent tree for planting on lawns, parks and cemeteries. Price, \$2.00 to \$2.50 each, \$5.00 to \$10.00 for specimen trees.

**Weeping Willows (Salix).**—Beautiful graceful trees. Excellent for wet locations. *Salix babylonica* (babylonian variety) is the best. Price, 75c, \$1.00, \$1.50.

**Pecans and Walnuts** also furnish very pretty ornamental trees for lawns. For prices see "Nut-bearing Trees."

**SHADE TREES ADD TO THE APPEARANCE AND COMFORT OF YOUR HOME.**



Rosedale Arbor Vitae

## Evergreens

The handsomest, most easily grown and useful of the following list are the Magnolia Grandiflora, Golden Arbor Vitae and Rosedale Hybrid. These will grow in any part of the state, in any soil, are pretty when young, and never outgrow their beauty, as do most evergreens, but grow more handsome the longer they live. Note the reduction in prices of Rosedale Hybrid.

### ARBOR VITAE

**Rosedale Hybrid.**—A cross between the Golden Arbor Vitae and Retinispora Squarrosa. It has the same dense, compact, upright and uniform growth as the Golden Arbor Vitae, while in texture and color it resembles the Retinispora, except that it is soft and feathery to the touch and in color it is a bright, fresh peagreen, very striking and attractive. It is inclined to be dwarf and apparently will not grow more than six or eight feet high. It seems perfectly proof against the drought, red spider and other enemies of evergreens and has become a popular tree with lovers of that class of growth. Ten to fifteen inches, \$1.00; eighteen to twenty inches, \$1.50 to \$2.00; specimens, \$3.00 to \$4.00.

Well rooted pot plants, 15c each, three for 30c, \$1.50 per dozen, \$7.50 per 100, \$80.00 per 1,000.

**Arbor Vitae.**—(Chinese.)—Hardy and rapid grower; inclined to branch, but can be made a compact tree by frequent and careful pruning. Two feet, \$1.50 each, \$12.00 per dozen; three to four feet, \$3.50 each, \$30.00 per dozen; small plants, 25c each, \$3.00 per dozen.

**Golden Arbor Vitae.**—Very close and symmetrical in its growth. It is considered the most popular evergreen in the South. Twelve to fifteen inches, \$1.00; fifteen to twenty inches, \$1.50 to \$2.50. Try a few of our Golden Arbor Vitae, two and one-half feet at \$3.00 each, \$26.00 per dozen—and see what fine ones they are.

**Pyramidal Arbor Vitae.**—Very beautiful pyramidal growth and very compact. Price, ten to twelve inches, 50c; twelve to eighteen inches, \$1.00; eighteen inches to two feet, \$2.50; two to 3 feet, \$4.00. Larger specimens, \$5.00 and up.

### CEDARS

**Red Cedar.**—Makes a beautiful tree, and after it becomes established will grow almost anywhere and under any treatment. We have a few beautiful young plants, fifteen to eighteen inches at \$2.50; two to three feet, \$7.50; large, \$10.00 each.

**Cedrus Deodora.**—Another vigorous and large growing cedar, with lighter green foliage. \$4.50 to \$7.50 and up.

**Cypress Pyramidalis.**—Tall, slender, upright, evergreen. Hardy, a good grower, and one of the most graceful trees. 18 to 24 inches, \$4.00 each; 3 feet, \$7.50 each.

**Irish Juniper.**—Closely related to the red cedar. Beautiful, compact-growing evergreen, with bright green foliage which has metallic luster; makes the whole tree very attractive. \$2.50 to \$4.50 each and up.

**Blue Spruce (Pica Pungens).**—The Blue Spruce is the most beautiful of all conifers. Its silver foliage, glistening in the sunlight, makes it surpass in beauty any other evergreen. It is very hardy;

a good grower; will withstand severe winters and excessive moisture, and is very easily transplanted. The Blue Spruce has no equal for lawn and cemetery use.

#### Price of Blue Spruce.

18-inch, with ball of dirt and burlapped, selected blue, . . . . . \$5.50  
2 feet, selected blue, ball of dirt and burlapped, . . . . . 8.00

**Abies Concolor.**—Silvery Fir of Colorado. Tree of graceful habit; bright, handsome foliage, bluish above, silvery beneath; very distinct habit; exceedingly rare. This is one of the best fir trees, which withstands drought and cold. It is very hardy; grows rapidly; has no rivals. Price, one foot with ball of dirt and burlapped, \$7.50 each.

## Broadleaved Evergreen Ornamentals

**Box Trees—(Buxus Sempervirens.)**—Beautiful evergreens for boxes or tubs as well as for out-door planting, from 50c to \$10.00 and up according to size and shape.

Write for prices on plant tubs and boxes.

	Each.	Pair.
Nice Bush Box about 18 inches high . . . . .	\$6.00	\$11.00
Nice Bush Box about 24 inches high . . . . .	8.00	15.00
Nice Bush Box about 30 inches high . . . . .	12.50	24.00
Nice Pyramidal Box about 24 inches high . . . . .	9.00	18.00
Nice Pyramidal Box about 36 inches high . . . . .	15.00	20.00
Nice Pyramidal Box about 42 inches high . . . . .	20.00	48.00

**Cape Jasmine.**—This is a good plant for Southern and Eastern Texas, but too tender for here. \$1.00 to \$3.50 each.

### EUONYMUS

**Aurea Variegata.**—(Golden Euonymous.)—A beautiful variety of this popular plant, with leaves variegated green and gold. A very striking plant; eight to ten inches, bushy, each 50c; per dozen, \$5.00; larger plants, 75c, \$1.00, \$1.50.

**Japonica.**—A hardy and ornamental plant with rich, handsome foliage. Small plants, 15c to 25c, \$1.75 per dozen; larger plants, \$5.00, 75c, \$1.00 each and up.

**Holly, Native American.**—We have been rather surprised at our success with the Holly. We have had good success transplanting it, and it has stood our hot summers remarkably well. Small plants only 50c to 75c each; \$5.00 to \$7.50 per dozen.

**Ligustrum Japonica.**—(Standards.)—When the Ligustrum Japonica is trained as a standard it makes a very beautiful lawn tree, and when it is properly trimmed it will largely take the place of Catalpa Bungei with the additional advantage that it stays green all winter. Stems 6 to 9 feet, price \$3.50 to \$5.00 each—fine trees.

**Magnolia Grandiflora.**—This is the grandest of all evergreen and flowering trees; hardy in this latitude. There are now a number of blooming trees in Fort Worth. One foot, to two feet, \$1.50; four feet, \$3.50; five feet, \$6.00.

**Mahonia.**—Aquilifolia.—(Ashberry.)—A beautiful shrub, with smooth, shining leaves, covered with bright yellow flowers in May, and a profusion of blue berries in autumn. In fall and winter foliage changes to a scarlet-bronze. Each, \$1.50.

**Pittosporum Tobin.**—Like the Oleander, it is not quite hardy here. A pretty, compact evergreen, with glossy, dark green leaves and fragrant cream-colored blossoms. \$3.50 to \$6.00 each.



Blue Spruce



# HARDY FLOWERING SHRUBS

TO BEAUTIFY YOUR HOME GROUNDS BY  
PLANTING SHRUBS IS TO ENHANCE THE  
VALUE OF YOUR PROPERTY

**Abella Chlensis Grandiflora.**—A choice, small shrub of graceful habit, producing through the entire summer and fall months white tinted lilac heather-like flowers in such abundance as to completely cover the plant. Beautiful evergreen shrub. \$1.00 to \$1.50 each.

## Althea

**Althea.**—(Rose of Sharon.)—The Altheas are among the most valuable of our tall hardy shrubs on account of their late season of blooming, which is from August to October, a period when but few shrubs are in flower. They are also extensively used as hedge plants, for which they are admirably adapted. We offer the following choice sorts:

**Alba Plena.**—Double white, crimson center.

**Atropurpurea Plena.**—Double purple.

**Coerulea Plena.**—Double blue.

We can furnish Altheas in single and double, red, pink, white and purple. Price, 60c each; \$6.00 per dozen.

**Almond** (flowering), pink and white, each, 75c to \$1.00.

**Buckeye.**—**Yellow.**—A bushy shrub, bearing large clusters of showy blossoms. \$1.00 each.

**Buddleia Variabilis Velutianus.**—(Butterfly Shrub, or Summer Lilac.)—One of the most desirable summer flowering shrubs, beginning to bloom in July it continues until cut by severe frost. The flowers are of a pleasing shade of violet mauve, and are borne in dense cylindrical spikes which under liberal cultivation are from 15 to 20 inches in length by 3 inches in diameter; it succeeds everywhere and flowers freely the first season planted, and is always admired. 60c each, \$6.00 per dozen.

**Buddleia.**—**Lindleyana.**—One of our thriftiest-growing shrubs. Blooms constantly from the middle of summer until late fall. A shrub with very dark green leaves, usually attaining a height of 5 to 6 feet. Flowers violet-purple, in dense, arching racemes, 4 to 8 inches long. 60c each, \$6.00 per doz.

**Berberis Thunbergii.**—One of the best low growing shrubs for shady places; height about three feet; leaves small and oval, dark shiny green; flowers yellow, succeeded by scarlet fruit. Strong, well branched plants, 40c each, \$4.00 per dozen.

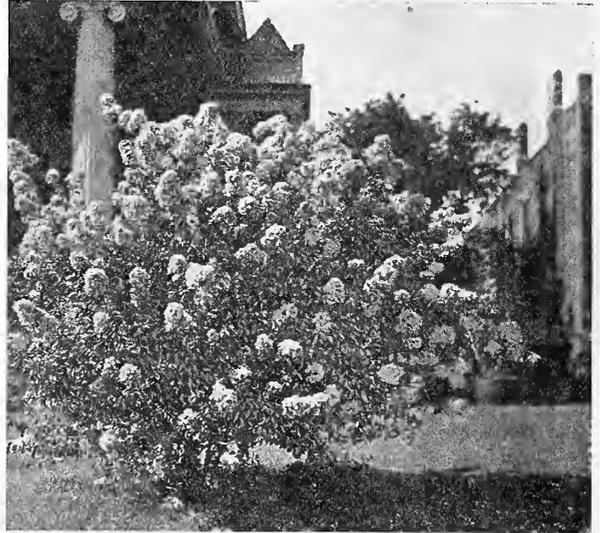
## Chilopsis Linearis

(Flowering Willow)

**Chilopsis.**—**Linearis.**—(Flowering Willow.)—A tall-growing shrub from Southwest Texas, which is well adapted to the climate. Leaves linear, flowers very showy, in terminal racemes. Each flower is composed of a corolla-like tube, divided at the end into five lobes, nicely crimped. Tube lilac; end of corolla mottled deep lilac, with two yellow stripes in center of tube. A most valuable shrub, which blooms almost continuously throughout the summer. Each, 75c, dozen, \$7.50.



Althea Used as a Hedge



Crepe Myrtle

**Linearis Alba.**—Of the purest white and very free flowering. The bush is more compact in its growth than the lilac-colored one, and is altogether one of the very finest shrubs for Texas we have ever seen. If you have never had success with shrubs before, try a white-flowering willow. If you are not pleased with it you might as well give up trying to grow shrubs. Each, 75c; dozen, \$7.50.

**Linearis Violacea.**—A distinct new variety of great value and beauty. Tube almost white, delicately tinted with rose. Lobes nicely crimped and of the same color as the tube, the lower one splashed with deep rose; a decided addition to the family. Each, 75c; dozen, \$7.50.

**Cornus Sanguinea.**—(Red Osin.)—Red branches, black berries, flowers white. 60c each.

**Calyanthus Floridas, or Sweet Shrubs.**—Flowers double, or chocolate color and very fragrant. 75c.

## Chionanthus

(Fringe Tree)

**Chionanthus virginica.**—A large, well-shaped shrub, with glossy green foliage. Flowers pure white and thread-like, borne in long panicles. June. Very pretty for background of shrubbery border. Each, 75c.

**Citrus Trifoliata.**—(Hardy Orange.)—Dwarf, symmetrical with glossy green, trifoliate leaves. The fragrant, white blossoms are borne continually. The fruit is small, bright red in color, very curious. 75c to \$1.50 each. If wanted in large quantities, for hedges, write for special prices.

**Caryopteris.**—**Mastacanthus.**—(Blue Spirea.)—A compact shrub, 2 or 3 feet high, producing lavender-blue flowers in summer and early autumn in the greatest profusion. 60c each.

## Crepe Myrtle

**Crepe Myrtle.**—The well known flowering shrub, or small tree; very showy in summer and fall. Purple, pink, crimson. 60c; white, 75c each.

**Dwarf Crepe Myrtle.**—Bush more compact and dwarf in its growth than other varieties. Lavender, \$1.00, crimson, 75c each.

**Cydonia Japonica, or Japan Quince.**—Covered in early spring with bright, scarlet blossoms. 50c.

## Deutzias

**Deutzias.**—Valuable, self-sustaining shrubs which vary considerably in height and habit, but bloom alike in daisy bell or tassel-shaped flowers borne thickly in wreaths along their branches in June. The taller sorts are useful for specimens, groups and the background of shrubberies; the dwarfier, for border or for planting near the house.

**Candidissima.**—Double pure white flowers.

**Crenata.**—Distinct from all others; white.

**Crenata, fl. pl.**—Double white, tinged pink.

Above three sorts: 3 feet, to 4 feet, 50c each, \$5.00 per dozen.

(Continued on Next Page)



**DEUTZIAs—Continued**

- Discolor Grandiflora.**—A large flowering double white slightly tinted pink on reverse side. 2 to 3 feet, 50c each, \$5.00 per dozen.
- Gracilis.**—(Slender Branched.)—Dwarf growing, dense bushy, its drooping branches wreathed with pure white flowers in May. Also valuable for winter blooming in pots. 15 to 18 inches, 50c each, \$5.00 per dozen; mail size, 30c each.
- Boule De Neige.**—Dwarf growth, but large flowered; creamy white bloom fairly crowding the upper branches. 2 to 3 feet, 50c each, \$5.00 per dozen.
- Lemoinei.**—Large flowers of pure white borne in cone-shaped heads. 18 to 24-inch, 40c each, \$4.00 per 10; mail size, 30c; 2 to 4 feet, 50c each, \$5.00 per dozen.
- Deutzia Crenata, Pride of Rochester.**—(5)—A distinct, large-flowered, double white variety; a vigorous, bushy shrub; six feet; very fine. 50c to 75c each. (See illustration.)

**Forsythias**

- Forsythia Fortunei.**—Strong, erect habit, bright golden-yellow flowers in early spring. Each, 50c.
- Suspensa.**—(Weeping Golden Bell.)—A tall shrub of willow growth, the branches gracefully arching, covered with golden-yellow bells in early spring. Each, 50c.
- Viridissima.**—Strong, erect habit; flowers yellow; very early. Each, 50c.
- Genista.**—Tinctoria.—(Scotch Broom.)—A hardy, free-flowering shrub with small leaves and slender green branches; low and spreading. Very valuable for massing in well-drained soils in sunny situations. Flowers yellow, in upright, floriferous racemes, panicked at the ends of the branches. Splendid for rock gardens or in groups or masses in the foreground of larger shrubs. 60c to \$1.00 each.
- Hydrangea Paniculata Grandiflora.**—Of spreading form, bearing immense pyramidal pinnacles of white flowers more than a foot long, which change to pink and finally to purple; blooms June to frost. It is a very attractive plant, its clusters of bloom presenting a striking appearance. Price, 50c to \$1.50 each.
- Magnificent New Hardy Hydrangea, Arborescens Grandiflora Alba.**—Immense snow-white pinnacles of blooms, literally covering the bush; elegant, finely finished foliage, in full flower through June, July and August; absolutely hardy, standing twenty degrees below zero without the least injury.

This magnificent, hardy American shrub is the finest addition to this class of plants found in many a year. The heads of blooms, which are of large size and pure snow-white color, are produced in marvelous profusion, covering the bush with a magnificent mass of glistening pure-white flowers. The foliage is finely finished, lacking entirely that coarseness found in so many of our best known shrubs. One of its most valuable characteristics is its coming into bloom just after the passing of all the early spring shrubs, while its long season, from early June through August, renders it doubly valuable, not only to the florist for cut flowers, but also to the owner of a garden—as there is no shrub so grandly decorative.

Prices, Magnificent New Hardy Hydrangea, strong plants each, \$1.00; dozen, \$10.00; large plants, each, \$1.50.  
**Hypericum densiflorum.**—(Dense-flowered St. John's Wort.)—The leaves are long and narrow; dark green. Flowers bright golden yellow. July to August. 3 to 4 feet, \$1.00; 2 to 3 feet, 75c.

**Jasminium**

- Jasminimum.**—We have several varieties of Jasminium which are very pretty and bloom practically all summer.
- Jasmine.**—Evergreen, yellow, each 60c.
- Jasminum Officinale.**—White, each 60c.
- Jasminium Nudiflorum.**—Yellow, each 60c.

**Lilac, or Syringa**

- Syringa or Lilac.—Common Purple.**—(Syringa Vulgaris.)—The common purple lilac, and one of the best. 75c to \$1.00 each.
- Common White.**—(S. Vulgaris Alba.)—Flowers white, fragrant, beautiful. \$1.35 to \$2.50 each.
- Charles X.**—A strong, rapid growing variety, with large, shining leaves. Trusses rather loose; large, reddish purple. \$1.25 to \$2.50 each.
- Japonica.**—An elegant Japanese species, eventually forming a good-sized tree, flowers creamy-white; produced in great panicles a month later than other sorts. \$1.25 to \$2.50.
- Mme. Casimir Perier.**—The finest double white lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting. \$1.25 to \$2.50 each.
- President Grevy.**—Magnificent panicles of large double blue flowers. 60c each.
- Souvenir de Louis Spaeth.**—Very large flowers, of a deep purplish-red in immense, compact trusses. \$1.00 to \$1.50 each.
- Persian Lilac.**—We have beautiful varieties in the Persian Lilac. Purple, pink and white. Each, 75c.



**Hydrangea Arborescens Grandiflora Alba**

**Lonicera.**—(Bush or Upright Honeysuckle.)—Early-blooming. The flowers are white and yellow, very fragrant, and appear in great masses. Bears masses of red berries in late summer. Succeeds over wide areas. We can furnish six different named varieties. 60c each.

**Philadelphus**

- Philadelphus.**—(Syringa or Mock Orange.)—The Philadelphia is an invaluable shrub. Very hardy, with an abundance of foliage and beautiful white flowers produced at the blooming season. Most of the varieties except the dwarfs form large shrubs 12 to 15 feet high.
- Coronarius.**—(Garland Syringa.)—A well-known shrub, with pure white, highly scented flowers. One of the first to flower. 60c.
- Grandiflora.**—(Large-flowered Syringa.)—Has very showy large flowers, slightly fragrant; branches somewhat straggling. 60c.
- Inodorus.**—Flowers white; double; tall grower. Forms a handsome shrub. 75c.
- Speciosissimus.**—One of the best, growing 7 to 8 feet high, producing wreaths of fragrant white blossoms with rich orange centers. 75c.
- Gordonianus.**—A vigorous grower and profuse bloomer; flowers slightly fragrant; blooms late, and valuable on that account. 75c.
- Lemonnel Erectus.**—A charming variety of upright growth; flowers small, yellowish white, fragrant, completely covering the plant. 60c.
- Microphyllu.**—(Small-leaved Syringa.)—Of dwarf habit, slender growth and small white flowers. A very pretty small shrub. 60c each.
- Zeyheri.**—A large-flowered, odorless variety; flowers very late. 60c each.
- Pomegranate.**—Grows here as a flowering shrub, but grows larger and bears abundant crops of fruit in Southern Texas. 75c.
- Parkinsonia Aculeata** (Jerusalem Thorn.)—A very rare odd and beautiful thorny tree with pine-like leaves and feathery, drooping branches; flowers an inch across, yellowish. Will thrive in the driest locations. As a specimen tree or for lawns it always attracts attention. Heavy plants, 5 feet, \$1.00 each.
- Poinciana Gilliesii.**—(Bird of Paradise.)—This hardy shrub adapts itself to even the poorest soils, and attains a height of 8 to 10 feet. Its light yellow, large, pea-shaped flowers, 2 inches long, with their brilliant protruding red stamens, produced in terminal racemes and appearing all summer, render it a very showy and worthy plant. For heat, drought, poor soil, neglect and other hard conditions, it has no equal. 2 to 3 feet, 50c each; 4 to 6 feet, 75c; \$5.00 to \$9.00 per dozen.
- Prunus Pissardii.**—Ornamental Plum, beautiful tall-growing shrub with very showy purple leaves, flowers white. 75c to \$1.00 each.
- Rhodotypos.—Kerrioides.**—(White Kerria.)—A handsome and distinct shrub, usually 4 to 5 feet tall. Native of Japan. Leaves ovate, with a long, slender point, bright green and lustrous. Flowers pure white, an inch or more across, appearing in late spring. Berries retained throughout the winter. 50c—large plants 75c.
- Rhus Typhina Laciniata** (Staghorn Sumac.)—Beautiful cut-leaved sumac, large spikes of purple flowers. Leaves turn a fine purple in fall. Each, 60c.

(Continued on next page)



**PHILADELPHUS—Continued**

**Rhus.—Cottinus.**—(Purple Fringe, or Smoke Tree.)—Greatly admired for its cloud-like masses of very delicate flowers that cover the entire plant during the summer. 60c to \$1.00 each.

**Glabra** (Smooth Sumac.)—Large-growing shrub, with smooth bark. Very effective in autumn with its crimson seeds and foliage. 50c each.

**Sambucus.—Nigra.**—The well-known Elder. Grows well here. 50c.

**Nigra Aurea.**—(Golden Elder.)—The bright golden-yellow leaves form a beautiful contrast with other shrubs. 50c.

**Lanceifolia.**—The leaves of this variety are very finely cut. 50c.

**Marginata Aurea.**—Leaves beautifully edged with gold. 50c.

**Salvia Greggii.**—New, hardy, everblooming, red-flowering shrub. A native of the cold mountainous country of Western Texas, very hardy, standing extremely cold weather; begins blooming in the early spring; the heat and drouth do not seem to affect this wonderful little shrub which is covered with beautiful flowers of a lovely shade of red for nearly two months, again in the fall it blooms in great profusion and continues in flower until checked by frost; a hard-wooded shrub growing 3 to 4 feet high and compact in form it is something which no one should be without. Field-grown plants 40c each; pot grown plants, 15c to 25c each.

**Salvia Greggii.—(White.)**—What may be said of the above red variety as to hardiness, etc., is equally true of this white variety. The two go well together. Same price.

**Symphoricarpus Racemosus.—(Snowberry.)**—A beautiful shrub with white flowers followed by an abundance of pearl white berries which stay on a long time. Fine for shady places. 50c each.

**Symphoricarpus.—Vulgaris.**—(Coral Berry or Indian Currant.)—A native shrub, producing a wealth of red or purple berries which remain on the branches all winter. Leaves ovate, bright green, often tinged with reddish purple when young, persisting until early winter; flowers greenish red; berries coloring in early autumn; very showy. The handsome effect of the berries makes this a valuable shrub. 50c each.

**Snowball.**—A great favorite where it succeeds well, but it too often succumbs to our very long, hot summers. When in full bloom very early in spring, the great bushes are thickly massed with spherical, fluffy balls of snowy white. Gives the same effect in spring that hydrangeas do in August. 50c to 75c each.

**Spirea**

**Spirea.—Opulifolia.**—(Nine Bark.)—The strongest-growing sort, attaining 8 to 10 feet. Growth upright, although the white heavy flower umbels in June make the branches droop; old flower heads turn to dark red, and make a striking variety of colors at differing stages of maturity. 50c each.

**Aurea.**—(Golden Spirea.)—Of similar habit to above, with young foliage of bright yellow, changing to golden bronze in fall. Both of above sorts—2 to 3 feet, 50c each.

**Prunifolia fl. pl.—(Bridal Wreath.)**—Plum-leaved foliage; tall-growing, but will prune to any desired height. Blooms early, and is very effective with its long gracefully-curving branches covered thickly their whole length with small, double white flowers. 50c each.

**Salicifolia.**—(Willow-leaved Spirea.)—Grows upright to 5 feet. A charming native variety, with crowded panicles of pink flowers in mid-summer. 50c each.

**Thunbergii.**—Forms a dense feathery bush, 3 to 5 feet high, the foliage in autumn changing to bright red and orange. Flowers pure white, borne in feathery masses in early spring. 15 to 18 inches. 50c each.

**Van Houtte.**—The grandest of all the Spireas, and one of the very best of all shrubs; a complete fountain of pure white bloom in May and June. Very popular for ornamental hedges. 50c each; \$5.00 per dozen.

**Anthony Watterer.**—This makes a neat, low-growing hedge; foliage beautiful, variegated green, red and white; flowers dark crimson, produced during entire summer. 50c.

**Billiardi.**—Flowers in spikes; a beautiful, bright pink; very showy and attractive. 50c.

**Staphylea Coichica.**—(Bladder Nut.)—An impressive, tall shrub growing 10 to 12 feet high, which blooms with the lilacs in spring. Flowers large and showy, in nodding panicles of white; followed by peculiar inflated seed pods. 2 to 3 feet, 60c each.

**Styrax Japonica.**—Makes a small tree, most attractive in single lawn specimens. Elegant foliage; with slender, spreading branches; and fragrant, pendulous, white flower racemes in June and July. 18 to 24 inches. 50c each.

**Collosa alba.**—White. 50c each.

**Collosa rosea.**—Pink. 50c each.

**Tamarix**

**Tamarix Africana.**—(Tamarisk.)—Strong, slender, tall-growing, irregular shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. 50c each.

**Hispida Aestivalis.**—A distinct variety with delicate, soft, pink sprays of flowers in July and August, a time when the shrubby border is comparatively bare of flowers. 50c each.

**Indica.**—(East Indian Tamarisk.)—Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 50c each.

**Odessana.**—The foliage of this variety is light green, fern-like and very graceful. Late bloomer. 50c each.

**Japonica.**—Dark green, very compact and massive-looking foliage. One of the best of the collection. 50c each.

**Gallica.**—(French Tamarisk.)—Tall, with slender spreading branches, with bluish green, scale-like leaves; showy and distinct. 50c each.

**Vitex Agnus Cactus.**—(Chaste Tree.)—A graceful shrub, growing from 5 to 6 feet high, with dense spikes 6 to 8 inches long of lilac-colored flowers late in summer. These are very valuable for the background of shrubberies, and to cover up old unsightly fences and out buildings, as they make a tall and dense growth. Purple and white. 60c each.

**Weigelia**

**Weigelia.**—Beautiful shrubs that bloom in May, June and July. The flowers are produced in so great profusion as almost entirely to hide the foliage. They are very desirable for the border or for grouping, and as specimen plants for the lawn. 50c each.

**Chameleon.**—Very useful at Memorial Day, with its long sprays of beautiful rose-colored bells. 2 to 3 feet. 50c each.

**Abel Carriere.**—Of all the hybrid Weigelias, this is one of the finest, growing to be a tall shrub in time. It blooms during May and June with great quantities of rose-carmine flowers with a yellow spot in the throat. 50c each.

**Eva Rathke.**—The most distinct and one of the most attractive varieties; flowers deep carmine red. 50c each.

**Broad-leaved Evergreen Shrubs**

**Abelia Chiensis Grandiflora.**—A choice, small shrub of graceful habit, producing through the entire summer and fall months white-tinted lilac heather-like flowers in such abundance as to completely cover the plant. \$1.00 to \$1.50 each.

**Ligustrum. Privet**

**Ligustrum Amurense.**—(Amoor River Privet.)—The true variety. For the south it is far superior to the California Privet, which loses its leaves during winter, whereas the Amoor River Privet retains its foliage throughout the entire year. 2 to 3 feet, 50c each, \$30.00 per 100; 3 to 4 feet, 75c each, \$60.00 per 100.

**Nepaliense.**—A broad-leaved evergreen Privet of compact growth and rich dark-green, heavy foliage. Desirable evergreen. \$1.50 to \$3.50 each.

**L. Japonica.**—(Japan Privet.)—Much used in Mexico and the southwest as a shade tree. Besides making a beautiful tree it is an evergreen with broad-leaved foliage of a dark-green hue bearing lovely white flowers which are followed by purple berries. 75c each; large specimens, \$2.00 to \$4.00.

**L. Ovalifolium.—(California Privet.)**—Early evergreen; a strong pyramidal shrub, with bright-green leaves and white flowers; makes a most desirable hedge, grows very rapidly, trimmed in any shape.

Unsurpassed for hedges. The foliage is a handsome shade of deep green and almost evergreen. Leaves oval-shaped and of medium size. It will stand an immense amount of wind; will grow to a height of six feet, but can be pruned down very easily; the more it is cut back, the thicker and handsomer it grows. Price, one year, well-branched and thrifty, 12 to 15 inches, 90c per dozen, \$4.00 per 100; 15 to 18 inches, \$1.00 per dozen, \$5.00 per 100; 18 to 24 inches, \$1.25 per dozen, \$6.50 per 100; 24 to 30 inches, \$1.50 per dozen, \$7.00 per 100. Two-year extra heavy, thickly branched, 15 to 18 inches, \$1.50 per dozen, \$7.00 per 100; 24 to 30 inches, \$2.50 per dozen, \$10.00 per 100; 30 to 36 inches, \$3.00 per dozen, \$12.00 per 100. Specimens, 75c.

**Euonymous Japonica.**—Very beautiful and hardy evergreen shrubs. Also fine for hedges. 25c, 50c, 75c, \$1.00 each. Large specimens, \$1.50 to \$2.00.

**Hedge Plants**

The following are very fine for hedges, and where a large quantity is used we furnish prices on application. Berberis Thunbergii, Cydonia Japonica, Spirea Reevesii, Spirea Van Houttii, Citrus Trifoliata, Ligustrum Amuriensis, California Privet.

**FOR BEAUTIFUL HOME GROUNDS  
PLANT SHRUBS**



## Hardy Perennials



Aquilegia

**Aquilegia.**—(Columbine).—The distinct, clear-cut foliage and delicate arrangement of colors in the flowers of Columbine make it one of the showiest and most desirable of the hardy garden plants; especially suitable for rockwork, at the base of foundation walls and under trees. Bloom in early spring.

Good assorted varieties, each, 25c; \$2.50 per dozen.

**Coreopsis Lanceolata Grandiflora.**—The perfected strain of a long-popular hardy plant. Flowers are rich golden yellow, borne in great profusion nearly the entire summer. Each 25c, \$2.50 per dozen.

**Shasta Daisy.**—A rigorously-selected mixture of Burbank's new sorts Alaska, California and Westralia; giving us different forms and much larger flowers, ranging in shape from fully double to single; and in color, from pure white to pale lemon yellow—some solid, some prettily variegated with yellow discs. Plants are extremely productive of bloom, making as spectacular a field show and as profitable a cut flower supply as any Hardy Perennial grown. Each 20c, \$2.00 per dozen.

**Burbank's Alaska.**—Of superlative size and perfect formation; glistening pure white. Each 20c, \$2.00 per dozen.

**Delphinium.**—(Perennial Larkspur).—Indispensable to the herbaceous garden. Their long, showy spikes of flowers are beautifully formed, always conspicuous, always in bloom from June till frost and furnish the most satisfactory blues to any color scheme. Good assorted varieties, 25c each; \$2.50 per dozen.

**Dianthus Barbatus.**—(Sweet William).—Great richness and variety of coloring; beautifully marked. Single flowers in crimson, white and pink. 20c each, \$2.00 per dozen.

**Funkia** in beautiful varieties, 25c each, \$3.00 per dozen.



Mallow Marvels

## Hibiscus

**Hibiscus.**—(Mallow).—A desirable border plant, succeeding in any sunny position, but doing best in a damp place; grows 4 feet high, with large foliage and large showy flowers of delicate coloring, produced during the entire summer.

**Mallow Marvels.**—A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colors. 50c each; \$5.00 per dozen; \$35.00 per 100.

**Moschuotos.**—(Swamp-Rose Mallow).—Flowers 6 inches in diameter; of a light-rosy-red color, with darker eye.

## Hemerocallis

**Hemerocallis.**—(Yellow Day Lily).—Popular hardy plants, belonging to the lily family. They succeed everywhere, and should always be included in the border of old-fashioned hardy plants.

**Aurantlaca.**—Large, trumpet-shaped, pleasing neutral-orange, sweet-scented, 3 to 4 feet high; June and July. 25c each; \$2.50 per dozen.

**Aurantlaca Major.**—One of the finest flowers, color throughout a rich Indian yellow; 2 feet; June and July; requires protection in winter. 25c each; \$2.50 per dozen.

**Lycoris—Squamigera or Amaryllis Halli.**—(The Magic Lily of Japan).—A perfectly hardy Amaryllis, producing beautiful pink flowers. Produces in early spring attractive green foliage which grows until July, when it ripens off and disappears, and anyone not familiar with its habits would think the bulb had died; but about a month later, as if by magic, the flower-stalks spring from the ground to a height of 2 or 3 feet, developing an umbel of large and beautiful, lily-shaped flowers, 3 to 4 inches across, and from eight to twelve in number, of a delicate lilac-pink, shaded with clear blue. As the bulb is perfectly hardy without any protection, it can be planted either in the fall or spring, but we consider the spring the best time, as the bulbs will have splendid chance to get established before flowering time. Cover the crowns about 4 inches. Very useful for the hardy border or among shrubbery. Strong, flowering bulbs, 50c each, 3 for \$1.25; \$4.00 per dozen; \$35.00 per 100.

**Hollyhocks.**—Separate colors: **Crimson, Yellow, White, Maroon, Pink and Black.** Single and double. Each 25c, \$2.50 per dozen.

**Iris Germanica.**—Old and familiar Iris. It thrives well in any place, white and purple. 20c each, \$2.50 per dozen.

**Paeonias.**—We have a few varieties of the beautiful perennials, that will stand this climate if planted on the shady side in a moist place. 75c to \$1.00 each, according to variety.

## Hardy Phlox

No class of hardy plants is more desirable than the Perennial Phloxes. They will thrive in any position and can be used to advantage in the hardy border, in large groups on the lawn, or planted in front of belts of shrubbery, where, by judicious pinching back and removing faded flowers, a constant succession of bloom may be had until frost. Except the dwarf species, all Hardy Phloxes are admirably adapted to cutting. We offer a select list of strong field-grown plants in red, white and pink varieties. 35c each, \$3.50 per dozen.

**Hardy Garden Pinks.**—Without the spicy fragrance of the Hardy Pinks a garden is incomplete; and their perfect form and rich coloring make them great favorites for summer bouquets.

**Gertrude.**—White variegated with maroon. **Her Majesty.**—

Very large and purest white. **Laura Wilmer.**—White, purplish maroon center. **White Reserve.**—Pure white, fringed. 25c each, \$2.50 per dozen.

**Rudbeckia "Golden Glow."**—Grows 5 to 7 feet and blooms from early summer until frost. Flowers resemble golden-yellow Cactus Dahlias. 25c each, \$2.50 per dozen.

**Tritoma.**—(Red Hot Poker).—The flowers of these plants combine finished elegance with an aggressive conspicuity; their size, peculiar form and high coloring commanding attention from every viewpoint, while close inspection admit their refined beauty and utility—as cut flowers—for interior decoration. Rushlike foliage supports smooth, thick flower stalks a yard long, with single fiery cone at the top. July into September.

**Pitzerl.**—An improved type of more perfect form, and showing a marked predominance of scarlet, the opened lower petals merely being rimmed with orange. 30c each, \$3.00 per dozen.

**Hardy Russian or English Violets.**—There is nothing prettier in spring than a few groups or lines of hardy violets, offering their unmatched loveliness of color and delicacy of perfume from the lawn or odd nooks and corners of the garden. 10c each, \$1.00 per dozen, \$7.50 per 100.

**California Violets.**—Each 10c, \$1.00 per dozen \$7.50 per 100.

## Yucca Aloifolia

**Yucca Aloifolia.**—(Spanish Bayonet; Spanish Dagger).—Seacoast of Southern States and West Indies. Probably not hardy north of middle Georgia. Flowers resemble those of *Y. filamentosa*, but are borne on a shorter stalk. Stem arborescent, sometimes 10 to 20 feet high. Very ornamental, even when small. Will bear much neglect. \$3.00 and \$10.00 each.

**Y. Aloifolia Variegata.**—Similar to above but the leaves are beautifully striped with white. Fine plants, \$2.00.

**Y. Filamentosa.**—(The Bear Grass).—Our variety is a giant sort, much better than the common strain, and worthy of being extensively planted. The white flowers are borne aloft on tall stalks, and are very attractive and graceful. Strong, transplanted stock, 25c, \$2.50 per dozen; heavier plants, 50c.

**Y. Gloriosa.**—More stocky, and with heavier, broader leaves than *Y. Aloifolia*. 50c.

## Hardy Ornamental Grasses

**Arundo Donax.**—(Great Reed).—A magnificent variety, growing to a height of 20 feet. 50c each.

**Variegata.**—A beautiful variegated form. Foliage white and green; 8 to 10 feet. 50c each.

**Elymus Glaucus.**—(Blue Lyme Grass).—Handsome grass, with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 3 feet, 35c each.

**Erianthus Ravennae.**—(Plume Grass, or Hardy Pampas).—Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 lower spikes. It closely resembles the Pampas grass. 50c each.

**Eulalia Gracillima Unvittata.**—(Japan Rush).—Of graceful habit, with very narrow foliage; of a bright green color, with a silvery midrib. 50c each.

**Eulalia Japonica Variegata.**—A very ornamental variety; long, narrow leaves, striped green, white and often pink or yellow. Flower stalks from 4 to 6 feet. 50c each.

**Eulalia Japonica Zebrina.**—(Zebra Grass).—The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen for the lawn. 50c each.



# HARDY CLIMBING VINES

## Ampelopsis

**Ampelopsis. — Quinquifolia.** — 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, fasten the stems to the wall in some way, or storms will tear them off. 50c.

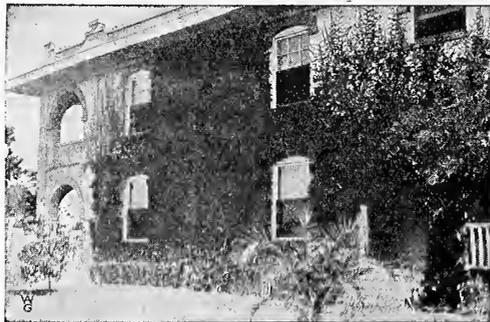
**Ampelopsis Veitchii or Boston Ivy.** — Probably no climber has been so generously used in the last few years. The leaves of this beautiful climber, resembling in shape the English Ivy, overlap one another closely, changing in the fall to the most vivid autumnal tints—gold, purple and scarlet—remaining so until they drop. It clings to wood, stone or brick, painted or unpainted, requiring no other support than a smooth surface, to which it clings with tenacity. No buildings are considered too handsome to cover with this plant, and the most unsightly buildings are made picturesque by its use. Many city residences are covered with it, to which it lends an air of elegance. It preserves and enhances the beauty of the most intricate architectural outlines. Extra strong field-grown plants. 50c.

**Antigonon Leptopus.**—(Rosa de Montant, or Mexican Rose.) — Strong plants, 35c each, \$3.50 per dozen; large strong plants, 50c to 75c each. Beautiful climbing plant, with tuberous roots. Free bloomer. Flowers produced in large racemes of a most beautiful rosy pink color. Leaves heart-shaped. A most desirable vine for the South.

**Bignonia.**—The well-known Trumpet Creeper, that grows wild in Southern and Eastern Texas, flourishes everywhere under the most unfavorable conditions, and is always pretty and satisfactory. 50c each.

**Chinese Matrimony Vine.**—Hardy rapid-growing climber; covered in fall with large red berries. 50c each.

**Wistaria.—Chinese Purple.**—One of the handsomest vines in cultivation, producing long, pendulous clusters of blue flowers in the greatest profusion. 75c.  
**White.**—75c.



Ampelopsis Veitchii or Boston Ivy

baskets and borders of beds. 50c to \$1.00 each.

### HONEYSUCKLES (Lonicera).

**Bellgica.**—(Monthly Fragrant or Dutch Honeysuckle.)—Blooms all summer. Red and yellow; very fragrant flowers. Price, 50c.

**Coral Honeysuckle.**—Scarlet Trumpet. It is a strong, rapid grower, and produces scarlet flowers, not fragrant. The handsomest in cultivation. Price, 50c.

**Aurea Reticulata.**—A variety with beautiful variegated foliage; the leaves are netted and veined with clear yellow; flowers yellow and fragrant. Price, 50c.

**Chinese Evergreen.**—Blooms at intervals through the summer, and retains its foliage late in winter; flowers nearly white, quite distinct. Price, 50c each.

**Halleana.**—Color, an intermingling of white and yellow; extremely fragrant and most satisfactory. This variety is most often found growing on porch trellises or used as a covering for unsightly fences. 60c each.

## MAKE YOUR HOME A BEAUTY SPOT

### Plant Vines Around It.

'Twill be like a new spring suit every year if you get these hardy climbers. First cost only cost, and their beauty will increase with years.

We suggest for covering front porch: One Honeysuckle Halleana, one Clematis Paniculata, two Climbing Roses. Four for \$2.25, post-paid.

We suggest for covering walls: Ampelopsis Veitchii and English Ivy. 50c each.

## Porch or Window Box Collection

Window gardens have always been popular, but within the living room the plants contend against conditions that are very unfavorable. The gases thrown off from burning kerosene and coal stoves are very injurious to plant growth. The interior window garden adds much to the cheerfulness of the room, but a window or veranda box just outside of the window adds almost as much to the interior effect without taking up the room, and adds very materially to the attractiveness of the exterior. The plant grows much better and blooms profusely with less care.

The box may be made of a great variety of materials, and quite attractive, but since it is only a receptacle for the soil, an ordinary box made of pine will answer as well as an expensive one, as the sides will soon be covered up with the drooping and creeping plants. In length the box should equal the width of the window, and eight to twelve inches wide by four to six inches deep, with numerous holes in the bottom for drainage.

**Two Asparagus Sprangeri.**—Brilliant flowers; handsome foliage. 20c each.

**Porticus Variegatum.**—Beautifully striped leaves, highly ornamental. A beautiful vine. 20c each.

**One Parlor Ivy.**—Climbing habit; yellow flowers. 10c each.

**One Acalypha.**—Beautiful ornamental foliage. 20c each.

**One Nepeta Variegata.**—Trailing growth; leaves green and white. 15c each.

**One Pilea.**—Fine moss-like foliage; small flowers. 10c.

**Two Geraniums.**—The best scarlet varieties. 20c each.

**One Trailing Calceol.**—10c each.

**One Vinca Variegata.**—Foliage green, margined white. 20c.

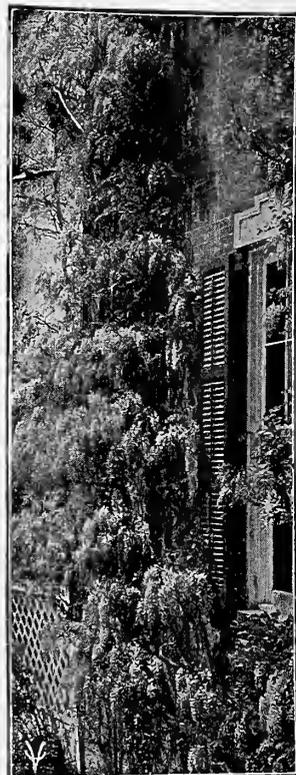
**One Weeping Lantana.**—A wonderfully profuse bloomer. 15c.

**Three Tradescantia.**—Three varieties grand drooping plants; green and bronze foliage. 20c each.

**Two Verbenas.**—Always in bloom. 20c each.



Clematis



Wistaria



# ROSES

**The Rose, the Queen of Flowers, is justly one of the most popular. Few plants give better satisfaction to the lover of beautiful flowers when properly treated.**

There is no branch of our business that we watch more closely than our Roses, and try to catalogue the best, and in the list you will find some worthy novelties and a good list of the older and well tried and tested ones which never fail to respond in luxuriant growth and abundance of fine blooms when given good soil and plenty of water.

The preparation of soil is very essential, and to obtain the most satisfactory results they should be planted in well drained, rich, deep loamy soil and given a good location, where they will have sunlight and a circulation of air. Plant your Roses well by straightening out all the roots. Pack the dirt hard about the plants and water thoroughly so you are sure the bed is well soaked to the bottom. Cultivate very shallow, just enough to keep the top of the ground loose and mellow. After your plants have started to grow, give them a light mulch of well rotted cow manure or chip dirt. This will prevent the ground from baking and cracking.

Pruning is also important in Rose growing, and should be done every season. It is best done during February, cutting away all the weak or dead wood, and leaving all the well matured, strong branches with five or six eyes.

All Roses listed below 2 1/2-inch pots, 25c each, \$2.50 per dozen; 2-year old, 75c each or \$8.00 per dozen, unless otherwise noted.

**Mme. Butterfly** is, by all odds, one of the finest Roses ever introduced. The growth is very vigorous, and produces a continuous succession of long-stemmed flowers of a luminous bright pink, toned with apricot, and shaded with translucent gold at the base of the petals. In richness of fragrance it equals in intensity the finest of perfumes. The buds are long and pointed and expand into a flower of beautiful proportions, while the beauty of form and ever increasing wealth of color is maintained from the incipient bud until the last petal drops.

2 1/2-inch pot plants, 50c each only.

**Florence Forrester.**—Clear snow-white with a lemon tinge; as the flowers age they become a pure white, the blooms are even larger than Paul Neyron. Its habit is absolutely perfect, and the freedom with which it flowers is marvelous. Grandest of all whites for bedding. For size and substance has no equal among Hybrid Teas. Is very sweetly perfumed. Gold medal, National Rose Society.

**Hadley.**—In color it is a deep velvety crimson, retaining its brilliancy at all seasons of the year. Double and buds are well formed. The fragrance is excelled only by American Beauty. Strong, rapid grower, and the flowers are borne on long, stiff stems. It has proven itself under thorough trial to be an all-the-year-round forcing variety.

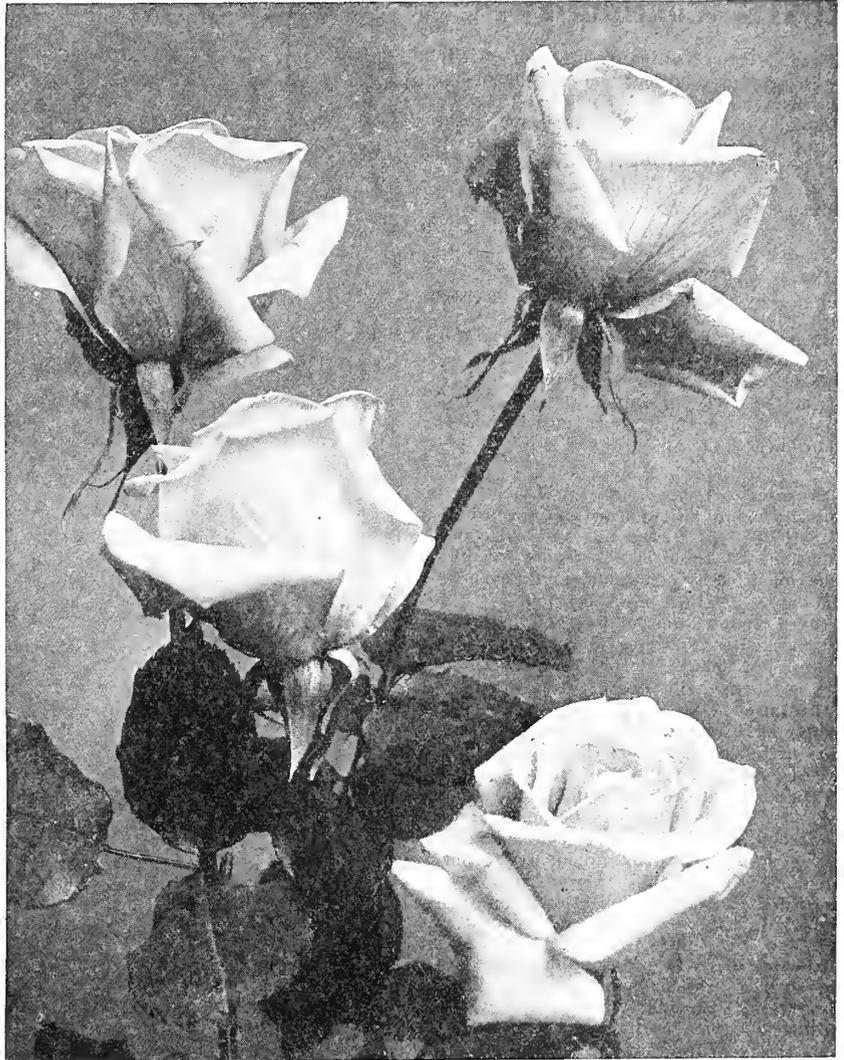
**Francis Scott Key.**—A heavy double Rose of great substance. Color, red. It shows good growing characteristics and is undoubtedly a valuable variety. Throughout the summer this Rose was unequaled as a cut Rose and it is proving equally good in midwinter to be an excellent grower, opening perfectly and worthy of unqualified recommendation.

**Mrs. Frederick W. Vanderblt.**—Color, deep orange-red, shaded bronzy apricot-red, quite distinct from other Roses in cultivation. A marvelously attractive variety. The flower is absolutely perfect in shape and form, with petals of wonderful depth and substance, blooming freely throughout the entire season; fine garden Rose. When known, this Rose is bound to take the very first place among Roses. Very fragrant. Gold medal, N. R. S.

**Alexander Hill Gray.**—Deep lemon-yellow which intensifies as the blooms develop; large, of great substance and perfect formation; it has a high-pointed center, from which the petals gracefully reflex. A superb yellow Tea Rose.

**Arthur R. Goodwin.**—Color in the bud and after the flower opens is very attractive coppery orange-red, and this shades to salmon-pink as the flowers age. Perfectly double and the blooms are extra large.

**British Queen.**—Experts who have seen British Queen growing agree that it is the finest white Rose in existence, surpassing in beauty and elegance of form all other white varieties. Field grown.



**Mme. Butterfly**

**Christie Mackellar.**—Crimson-carmine on rich deep ochre-madder, becoming orange pink as the semi-double blooms develop. Field grown.

**Columbia.**—Could be rightfully called the **Giant Pink**, owing to the enormous blooms it produces. Of distinctive merit, being an extremely strong, rank grower, one of the strongest of the ever-blooming, blooming as it does with the greatest freedom, the buds carried on long, stiff, erect stems, of the very largest size imaginable in a Rose bloom, open flowers often measuring six inches across, full of petals and of wonderful depth, which it retains in perfect formation. Very fragrant. Color clear imperial pink on the order of the **La France**, deepening as it opens to glowing pink. A peculiarity of the variety is that the shades all become more intense until the full maturity of the open flower is reached, and this color is enduring. Being fully double makes it a fine summer Rose, particularly adapted to garden culture. We feel that after all is said, we have not said half enough for Columbia, 50c. 2 1/2-inch pot only. See cut page 40.

**Mrs. Chas. Russell.**—A new Hybrid Tea Rose of American origin and considered to be equal to American Beauty both for forcing and open ground culture. Buds long and pointed, produced on long, stiff stems 3 feet in length, each one crowned with a bloom of a beautiful shade of rosy pink. Blooms large, full and magnificent formation.

**Ophelia. The Most Beautiful Rose of the Century.**—Ophelia is a fine grower, with big, bright foliage that shows at a glance that it is a variety that will hold its flowers well. Long-stemmed, bushy and free branching, and a free producer of bloom. Very fragrant and resembles Richmond in this respect. Color clear, bright pink, suffused yellow.

**Lady Ursula.**—Color a most beautiful shade of flesh-pink, of great substance and good form; petals large, circular and delicately perfumed. A grand grower, producing its round, full blooms in wonderful profusion.



ROSES—Continued

**Mrs. Herbert Stevens.**—A new hardy Tea Rose of extraordinary merit. The bloom is as long, and even more pointed than the Mamam Cochet, being faultless in shape and form. Color white, with a distinct fawn and peach shading toward the center. Perfectly hardy, and flowering quality is extraordinary, being practically always in bloom.

**Jonkheer J. L. Mock.**—This grand Rose is the strongest growing in the Hybrid Tea class. The blooms, which are produced with the greatest freedom, are carried on stiff and erect stems, and are of the largest size, of perfect formation and highly perfumed. Color, clear imperial pink; a glorious flower. We can confidently recommend this sterling novelty as a most valuable addition.

**Premier.**—A cross between Ophelia and Russell; made an unheard of record in 1918-19 here in Richmond, and since distribution, the trade papers report splendid behavior in many of its new homes even by this date. 2½ inch pots, 50c each.

It is a rapid grower, and if well fed, and not checked, gives a great account of itself. 2½-in. pot plants, only 35c each.

**Radiance.**—A brilliant rosy-carmine, displaying beautiful rich and opaline pink tints in the open flower; the form is fine, largest size and full, with cupped petals. The bud is large, brilliant, radiant; the stems are long, buds and flowers borne erect on the strong stems; foliage of splendid substance, a dark healthy green. It blooms constantly, delightfully fragrant and is so healthy that it may be said to be immune against disease.

**Hoosier Beauty.**—A grand new rose and one that we have many admirers. The flowers are glowing crimson with darker shadings 't makes its beauty indescribable. It is very fragrant and the flowers are produced on long, strong, stiff stems. The flowers have a texture like velvet. The rose is very free flowering. The bush is remarkably vigorous and sturdy in growth, one somewhat of the character of the Hybrid Perpetuals.

**Killarney.** (H. T.)—(The Irish Rose.)—Bright carmine pink marbled in creamy white; petals extremely large, and of a texture that makes it one of the most lasting of roses; this variety has the longest bud on the stiffest stem that we have ever seen; it is a fine grower, with beautiful, foliage, very free in producing strong ground shoots; a favorite with customers wherever it is known; every general florist should grow it.

**White Killarney.**—A pure white sport of the popular Irish rose. It is identical in appearance with its parent, only it is pure white, the petals are extremely large, and is one of the most lasting of roses. Strong, well rooted.

**Red Radiance.**—No Rose has yet equalled, certainly none has excelled Radiance as a garden Rose, when all points are 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 an even shade of clear red, without a trace of any other color, retaining its vividness for an unusually long time after being cut. It is a remarkable bloomer, being constantly in flower, from early spring until freezing weather. Strong, vigorous, branching grower, each branch terminating in a large, bold, double bloom.



Premire

Hardy everywhere. Altogether it is a Rose destined to become one of the leading garden Roses of America. Price, one-year, 25c each; two-year, 75c each.

**Mad. Caroline Testout.** (H. T.)—An old favorite; cherry red, edged silvery rose.

**Etoile de France.**—Color a lovely shade of clear, red-crimson velvet; very fragrant and keeps well. In England, where it has been tried extensively, it has caused quite a sensation. Our opinion is that it will become as much of a favorite as La France.

**La France** (Tea).—Delicate silvery rose, shaded with cerise pink, often silvery pink, with peach shading.

**White Mamam Cochet.** (H. T.)—A beautiful pure white.

**Mamam Cochet.**—A valuable pink bedding or pot Rose, with large flowers on long, straight stems; color, deep rosy pink, inner side of petals silvery rose.

**Queen of Bedders.**—Plant upright grower, every branch terminates by a cluster of beautiful buds and flowers. The flower is large, full and regular. The color is a bright, glowing, velvety crimson. It blooms constantly from early summer to late autumn. We recommend this rose highly. It is a rich, highly colored rose, and one that is double to the center.

**Helen Gould or Baldwin.**—This is a grand Rose of the very highest merit for the garden; bright watermelon red; very free grower and bloomer.



**ROSES—Continued**

**Bessie Brown.**—A rose of transcendent beauty, totally distinct and one of the largest and fullest we have ever seen. It is erect and vigorous in growth, flowering profusely in the open ground all through the summer. Color pure white, sometimes faintly flushed pink. Petals enormous and shell-shaped. It is really marvelous that such large flowers can be so freely produced. Received gold and silver medals from the National Rose Society, England, and numerous certificates and prizes.

**Perle Von Godesberg.**—The Yellow Kaiserin. This is identical with Kaiserin Augusta Victoria, the peer of any Rose, except in color, being a pure white with yellow center. Exquisitely beautiful.

**Kaiserin Augusta Victoria.** (H. T.)—A beautiful Rose, with elegant, large pointed buds and very large, full double flowers; color, delicate creamy white; deliciously fragrant.

**Millady.**—Similar to Richmond in color, but far richer in the bud. Large and double, opening perfectly at all seasons of the year. In form and fragrance it resembles Gen. Jacqueminot. Strong and sturdy in habit with excellent foliage. Is strongly recommended for these qualities, and also for its great productiveness and wonderful keeping qualities.

**Gruss an Tepiltz.** — Fiery crimson, shaded with a dark velvety sheen totally unlike any other color. Large, handsome, moderately double flowers. Produced in most wonderful profusion throughout the whole growing season, in fact it is always in bloom. The flowers are produced singly, sometimes in clusters, producing a gorgeous effect on the lawn or in the garden all summer through. For fragrance there is no other Rose to compare with it.

**Edward Mawley.**—We have no hesitation in stating that this is the finest of all dark crimson Roses, a true perpetual flowering Hybrid Tea, and the most beautiful variety the Rose world has yet seen. The grand novelty has been very aptly named Edward Mawley, in honor of one of the best-loved of British rosarians. It is an enormous big-petaled Rose, much larger than Malanie Souper; a Rose it resembles in form, but of the beautiful rich color of a Louis Van Houtte, only with a more velvety shading upon the inside of its petals.

**Rhea Reid.**—This novelty in roses is a seedling variety of great distinctness of character. The growth is vigorous, throwing out long shoots with rich, green leaves and each shoot bearing a flower well above the foliage. It is a variety which will produce flowers as large as the American Beauty, and as fragrant as the beautiful La France. The buds are long, oval and pointed, of a most beautiful rich crimson, and retain their form a long time.

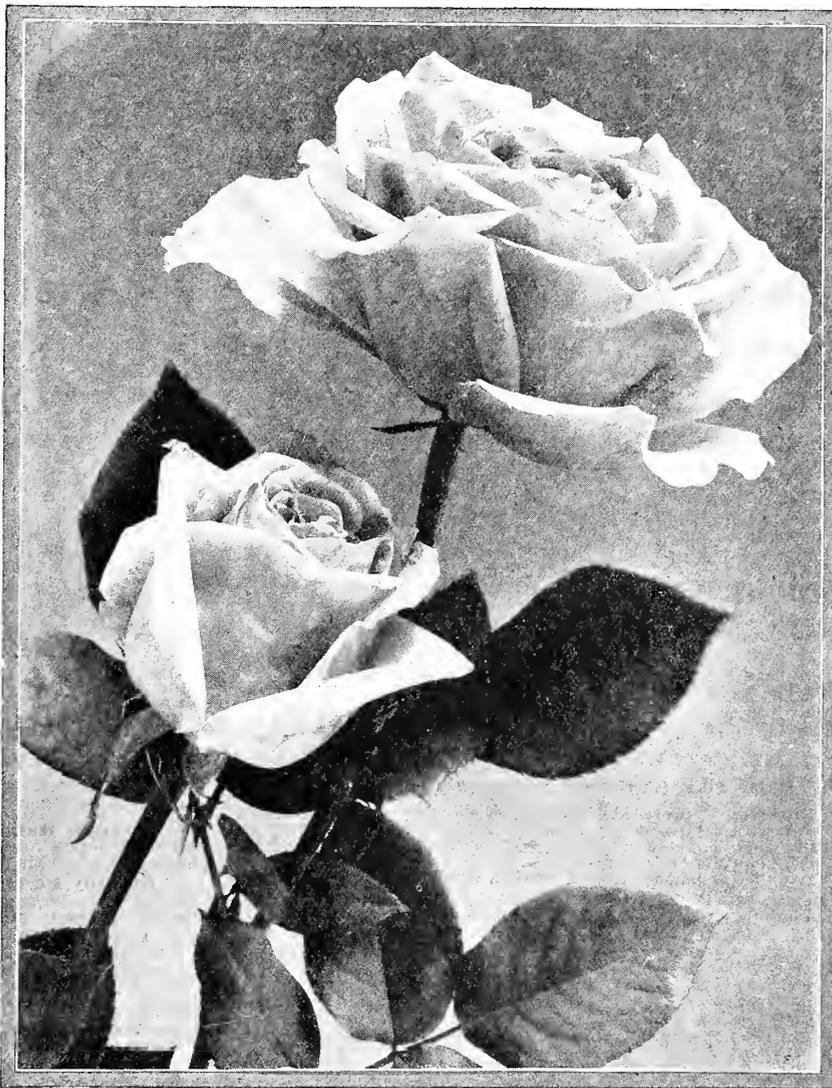
**Antoine Rivrole.**—Will grow in almost any situation; strong and healthy. Always blooming. Flowers exquisite in form, large, double and fragrant; rosy-flesh with yellow ground, shaded with border of carmine. The plant forms a big, vigorous bush, and is perfectly hardy in all climates. Good garden Rose.

**Lady Hillingdon.**—Has a long, slender pointed bud of brilliant deep golden-yellow; is always an even deep, intense golden-yellow; forces well. Awarded gold medal, N. R. S.

**Sunburst.**—This magnificent giant yellow Rose is a fine forcer; it stands head and shoulders above all others of its color, and will rank with American Beauty and the Killarneys in value and grandeur. The color is orange-copper or golden-orange and golden-yellow; edge of petals lighter; all intense shades, extremely brilliant in effect. Some call the color cadmium-yellow. It is the yellowest of all Roses in the everblooming class.

**Hybrid Polyanthus or "Baby Rambler" Group.** — This charming class of Roses bring the vivid colors, prodigious freedom and beautiful clustering form of the grand outdoor Rambler Roses into the house for winter decoration.

**"Baby Dorothy"** (Pink.)—A true dwarf form of Dorothy Perkins, continuing the family virtue, and pink beauty.



**Columbia**

**White Baby Rambler.**—Its pure white flowers are perfectly double, and bloom with the unceasing freedom of the reds and pinks of this class.

**Lady Alice Stanley.**—This has become very popular as a garden Rose. The petals are shell-shaped, forming a perfect flower; the color on outside of petals is a deep coral-rose; inside, delicate flesh, often flushed and suffused with bright flesh. Remarkably attractive, without doubt a magnificent Rose.

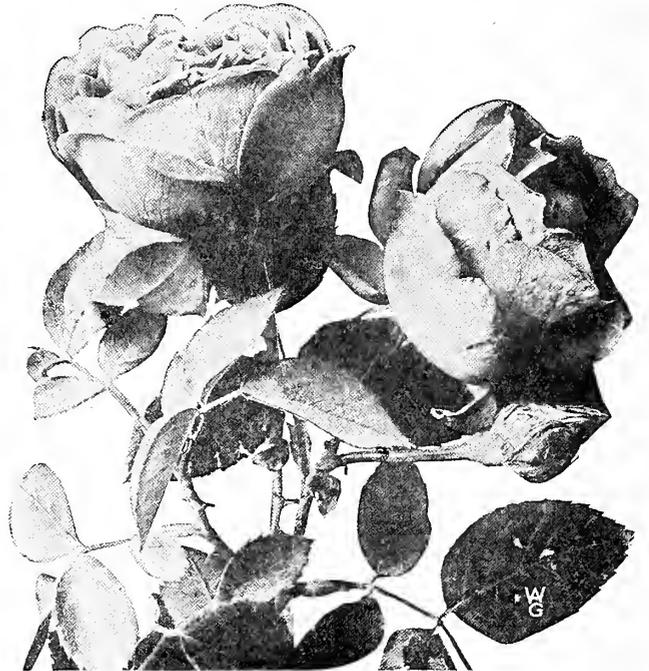
**Crimson Baby Rambler.**—The original of the group; dwarf, bushy, profusely blooming; its compact clusters of bright crimson flowers continuous indoors and out.

**American Beauty.**—A hardy rose of the largest size, having the everblooming qualities of the Tea Rose, consequently equally valuable for winter or summer flowering. The flowers of this grand rose are so eagerly sought that they have been sold in New York and other cities for \$1.00 to \$3.00 each for a single bloom during the holidays for years, still holding this extraordinary price. In color it is a deep brilliant pink, shaded toward the center with rich carmine crimson.

The three roses, cuts of which are shown, are all new introductions, and are without doubt the finest additions to the Rose Garden that have been offered in many a day.



Climbing Kaiserin Augusta Victoria



Climbing Helen Gould

## Everblooming Climbing Roses

ALL CLIMBING ROSES, 2 1/2-INCH POTS, 25c EACH; FIELD GROWN, 2-YEAR OLD, 75c EACH, UNLESS OTHERWISE NOTED.

Always Write Your Name and Address Plainly on Your Order.

**Climbing Bridesmaid.**—The flowers are simply beautiful (identical with Bridesmaid); a clear, dark pink; in bud they are superb beyond that of any climbing rose. Bridesmaid is considered the most beautiful of all pink roses, and in Climbing Bridesmaid you have all this beauty coupled with a rampant climber. Try it.

**Reine Marie Henriette.**—A strong growing and climbing rose, making a grand pillar rose in the South. Flowers full and well

formed; rich, brilliant crimson; a grand rose and a fine companion to Mareschal Niel.

**Crimson Rambler.**—The famous crimson-clustered climber. Makes shoots 8 to 10 feet long in a season. Flowers are produced from ground to tip in large pyramid clusters of 30 to 40.

**Dorothy Perkins.**—A most beautiful deep pink; the flowers are borne in large clusters of small double blooms and are very sweetly scented; quite first-class. Another Rose for the masses.

**Climbing Helen Gould.**—Probably no red Rose has held its place secure in the hearts of Rose lovers 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 Kaiserin Augusta Victoria.**—Also known as Mrs. Robt. Peary. A strong climbing form of the beautiful variety of the same name now so well known. Pure white.

**Climbing Killarney.**—An exact counterpart of Killarney in every respect except that it is of vigorous climbing habit; deep shell-pink. This will prove a great Rose wherever a climber is needed.

**Climbing Liberty.**—A climbing form of Liberty. Color brilliant velvety crimson; flowers of good size and beautifully formed; a superb variety for any purpose, the blooms lasting well when cut; very free flowering. When you see this dazzling rich Rose you will never forget it.

**Climbing Madame Caroline Testout.**—A rampant climber. In flower identical with Mme. C. Testout. Beautiful glowing pink. You can't beat it.

**Climbing Marie Gullot.**—This Rose is also known as President Cleveland and Frances E. Willard. A grand pure white Rose of great merit.

**Climbing Meteor.**—A grand climber; color velvety maroon; very free bloomer.

**Climbing Perle Des Jardins.**—A strong growing form of Perle des Jardins. Color deep golden-yellow.

**Marechal Niel.**—One of the best yellow climbers; \$1.50 each.



Climbing Meteor

<b>Climbing Roses</b>	<b>CAN BE USED TO HIDE MANY UNSIGHTLY OBJECTS, ON FENCES, OR TO FORM A SCREEN FOR YOUR PORCH OR WINDOWS</b>
	<b>Bush Roses SHOULD BE IN EVERY HOME YARD. THE ROSE IS SURELY THE QUEEN OF FLOWERS.</b>

BUY A GREEN AND BLUE ROSE—THEY ARE BOTH WORTHY CASH WITH EVERY ORDER. WE DO NOT SHIP C. O. D.



# The Home Orchard You've Been Planning

## SHOULD BE PLANTED THIS SPRING

No home or farm is complete without an orchard. It takes just a few trees to provide all the delicious fruit one family can consume. And it is not difficult to grow those trees and to keep them producing. You will be surprised at the quantity of delicious fruit one good tree will yield. Of course it is necessary that you plant good trees. The difference in cost to you between a good tree and a poor tree is mighty little. It pays to buy good nursery stock. Our nurseries have been properly inspected, and each shipment will bear certificate duly signed by commissioners of agriculture.

### Apples

Price, \$1.00 each.

We give list below of many of the old and well tried varieties. Just a few of the newer varieties, but all have been thoroughly tried and have proven themselves worthy of a place in any orchard.

**San Jacinto.**—Like an enormously large Red June Apple of which it appears to be a seedling, coming in just as the Red June goes out. Tree vigorous and prolific; very productive. A variety of the highest merit, both for market and table. Fruit hangs to the tree remarkably well and a fine keeper for an early apple.

**Gano.**—Vigorous, prolific, bright red, large; good market. This variety is similar in every way to the Ben Davis, but of a rich red all over. Very valuable. Renamed by some, "Black Ben]Davis."

**Arkansas Black.**—Large, dark red, nearly black, fine flavor; valuable market and keeping variety.

**Ben Davis.**—Large greenish yellow, with crimson cheek; very showy; keeps well.

**Grimes' Golden.**—Large yellow; of the best quality; tree hardy; vigorous, productive.

**Early Harvest.**—Fine size, bright yellow, tender, juicy; can be cooked long before it is ripe; June.

**Early May.**—Small, greenish yellow; first of all to ripen.

**Fall Pippin.**—Large, green; sub-acid; quality best; August and September.

**Missouri Pippin.**—Large, oblong, bright red, with numerous gray dots; very handsome and of fair quality; and early, very abundant bearer, and a profitable orchard fruit; December to March.

**Limber Twig.**—Large, rich, sub-acid, good flavor.

**Maiden Blush.**—Medium; somewhat flattened; clear yellow, with red cheeks; juicy and good; first of September.

**Red June.**—Medium; conical; deep red; juicy; productive; June 20.

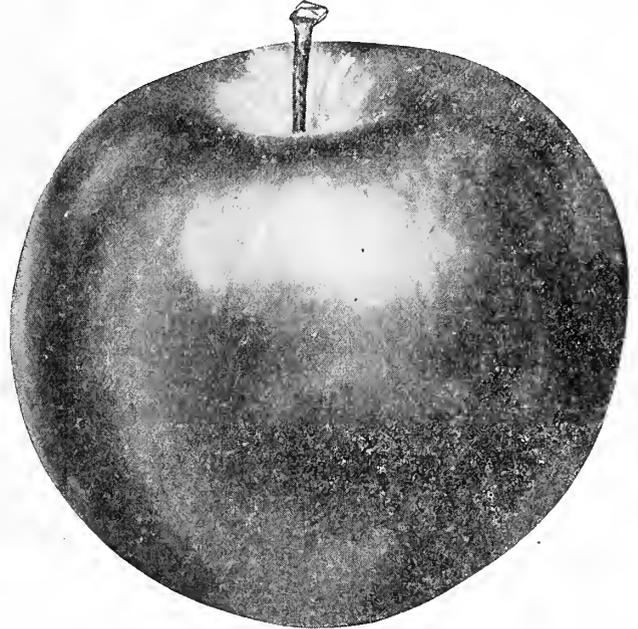
**Red Astrachan.**—Large, crisp, acid; beautiful; June 1 to 10.

**Summer Queen.**—Large, yellow striped and clouded with red; aromatic, sugary, good; July.

**Rome Beauty.**—Large, yellow and bright red; handsome; medium quality; a moderate grower; good bearer; December to May.

**Winesap.**—Medium, dark red; juicy; good flavor; one of the best.

**Yellow Horse.**—Very vigorous, abundant; yellow; large, good culinary.



Gano Apple

### Crab Apples

Price, \$1.25 each.

**Hyslop.**—This variety has been long and extensively cultivated. The trees are hardy and the growth strong and rather spreading. The fruit is produced in clusters; roundish ovate; dark, rich red, covered with thick, blue bloom; yellowish, sub-acid; good for culinary purposes and for cider. September to December.

**Transcendant.**—Tree is productive; fruit from 1 1/2 to 2 inches in diameter; excellent for sauce and pies; is also good eating apple; skin yellow, striped with red; vigorous and an early bearer. This is one of the best early varieties, and gives a fruit with flesh of creamy yellow, sub-acid, and an astringent until fully mellow, when it is pleasant and agreeable. Ripe in August and September.

**Hewe's Virginia.**—Small, dark red. Regular and profuse bearer. Valuable for cider. October to March.

**Siberian.**—These produce an abundance of small fruit, much esteemed for preserving. Trees are also very ornamental. The best varieties are Golden Beauty, Red and Transcendant.



Early Richmond Cherries

### Cherries

Price, \$1.00 each.

Cherries are rather uncertain in Texas, save in some localities. We have culled from long lists of cherries the finest varieties which seemed adaptable to our soil and climate, and we can supply the following sorts—strong, two-year-old trees.

**Early Richmond. (English Pie Cherry).**—A well-known old standard variety. Tree is hardy, healthy, a free grower, very productive and regular in bearing. Fruit red, of medium size, acid, rich and one of the best for canning. The most popular of the true Kentish cherries. Ripens in May.

**English Morello.**—Fruit large, very dark red, nearly black; tender, juicy, acid, rich, of good quality; owing to its rich red color looks much better when canned than the Early Richmond. Tree dwarf, slender and spreading, bears young. Ripens middle June.

**May Duke.**—An old, well known, excellent variety; one of the best and most dependable of the Duke class. Fruit large; dark red, juicy and rich, almost sweet. Tree is rather dwarf in habit, vigorous and productive. Ripens in June.



# PEACHES

## The South's Favorite Fruit

All Peaches, \$1.00 each; large trees, \$1.25 each, unless otherwise noted. Best Varieties for Commercial Orchard indicated by "\*"

**Directions for Cultivating the Peach.**—A sandy loam is best suited to the peach, but it will adapt itself to almost any soil, provided it is well drained. Plant one-year-old trees, 18x18 feet; cut the trees back to 18 to 24 inches, as it is always best to have a low-headed tree. In the spring, after the growth has started, remove all but three branches and let these be distributed so that the tree will be well balanced. For the first two years fertilize with well decomposed barnyard manure, or a mixture of one part of cotton seed or bone meal to two parts of acid phosphate. Apply 1 1/2 to 2 pounds to each tree. After the third year avoid nitrogenous fertilizers and use a fertilizer containing a good percentage of bone phosphate and potash. Prune every year by cutting off one-third of the previous year's growth.

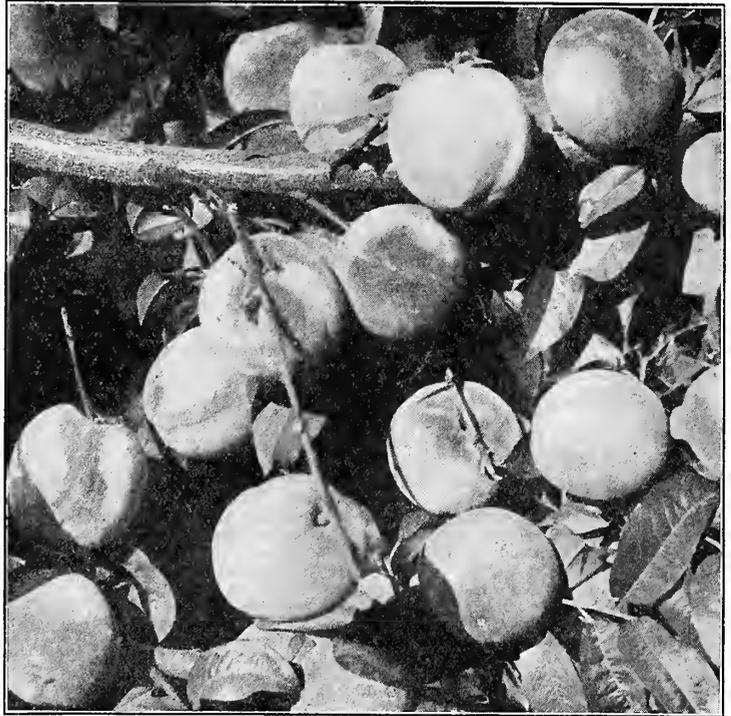
Cowpeas drilled in two feet apart, leaving at least four feet on each side of the trees, is the best crop to grow in a peach orchard. Cultivate frequently. When the orchard begins to bear, it should have clean cultivation. After the cowpeas have been turned under, all subsequent cultivation can be done with a harrow and cultivator. After the fruit is harvested, drill in peas for a cover crop.

**Spray.**—Never spray when a tree is in bloom.

**New Peaches** of special merit which have been introduced by growers and nurserymen of the South. Nearly all chance seedlings are from chance seed, and they usually produce the most valuable varieties. We might name the Elberta, Chinese Cling and many others that simply originated by chance. In this list we are offering many varieties of peaches that are grown successfully in different sections of the South, and especially in Texas. We can recommend them to our friends, knowing that they will not be disappointed.

\***Arp Beauty.**—East Texas is one of the best peach-growing districts in the world. Thousands of acres are being planted in Elbertas there. Arp Beauty now comes forward as a rival to Elberta, and is being planted there as fast as trees can be propagated. It is claimed to be the same size, color, quality and character as Elberta, and three or four weeks earlier. The value of this as a family or market peach will be easily seen, and no other statement will be necessary to place it at the head of the list.

**Slaphey.**—A large yellow freestone, being planted largely for commercial purposes. Ripens about the fifteenth of June, making it a very profitable peach to grow.



J. H. Hale Peaches

**J. H. Hale.**—Very large; rich golden yellow, with carmine blush; flesh firm but of delicate texture, dripping with rich, sweet juice. Very hardy and stands shipping better than any other variety. \$1.50 each.

\***Belle of Georgia.**—The largest peach tree grower in the world, who grows four millions of peaches a year, tells us that his favorite peach is the Belle of Georgia. He says, besides its being large, showy and productive, its flavor is beyond comparison. On his recommendation and that of other leading nurserymen, where it is known, we are offering it to our trade before testing it ourselves. We are planting it largely ourselves in our own orchard. Very large, skin white, with red cheeks; flesh white, firm and of excellent flavor. Fruit uniformly large and showy; free. Rapid grower; prolific. July 1 to 15.

**Alexander.**—Above medium; highly colored in clay soils; less so in light soils; flesh greenish white, very juicy, vigorous and of good quality; adheres to the stones. Matures from May 20 to June 15. Trees are remarkably prolific and bear very young.

\***Carman.**—Very large, creamy white, with a deep blush; skin very tough, but flesh very tender and of fine flavor; juicy; prolific bearer. A most profitable and popular shipping variety. Ripe June 25 to July 1.

\***Elberta.**—Large; yellow, with red cheek; juicy and high flavored; flesh yellow; an excellent shipper. Middle of July.

**Early Crawford.**—Very large, oblong; skin yellow, with fine red cheek; flesh yellow, very sweet and excellent. Middle of July.

**Sneed.**—(Bowers, Peoples.)—Medium, creamy white with carmine mottling; flesh greenish-white; juicy, semi-cling; quality fair. Ripens on an average of six to eight days before the Alexander.

\***Mamie Ross.**—Large, blush; white flesh; semi-cling; productive and one of the best for market. June 1 to 10.

**Mountain Rose.**—Fruit large; skin white, nearly covered with brilliant crimson; melting, sweet and delicious.

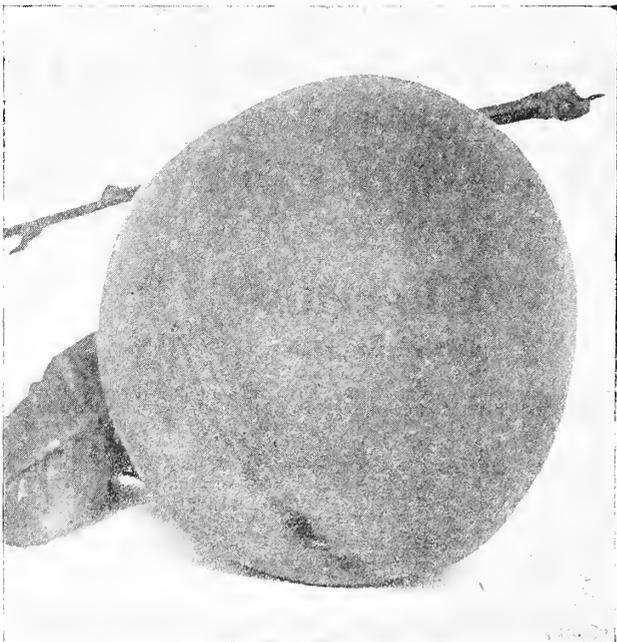
\***Oldmixon Free.**—Large, creamy white; red cheeks; flesh firm, juicy and well flavored. Last of July.

**Picquet's Late.**—Very large; yellow, with a red cheek; flesh yellow buttery, rich, sweet, and of the highest flavor. Maturity from end of August to middle of September.

\***Chinese Cling.**—Very large, specimens often measuring 14 inches in circumference; usually a shy bearer, but of superior richness and flavor.

\***Heath Cling.**—Very large; creamy white, with faint blush; flesh white; highly flavored and one of the best for canning. September.

\***Late Crawford.**—Very large; yellow, with red cheek; flavor excellent; dries well. Early August.



Belle of Georgia Peach



# PEARS

This list of select varieties is reduced to such as have been well tested and proved valuable throughout the largest section of the South. We grow standard pear trees, 4 to 5 feet branched. Price, \$1.00 each.

**Kelffer.**—Very large, skin yellow, with a bright vermillion cheek; flesh brittle, very juicy, with a marked musky aroma; quality good; matures from September to October; tree very-vigorous and prolific; begins to bear when four years old; the fruit should be gathered during September in this latitude and kept in a cool, dark room until mellow, when its quality as a table pear is greatly improved; it is of unquestioned value for canning and preserving, and is one of the greatest for practical use.

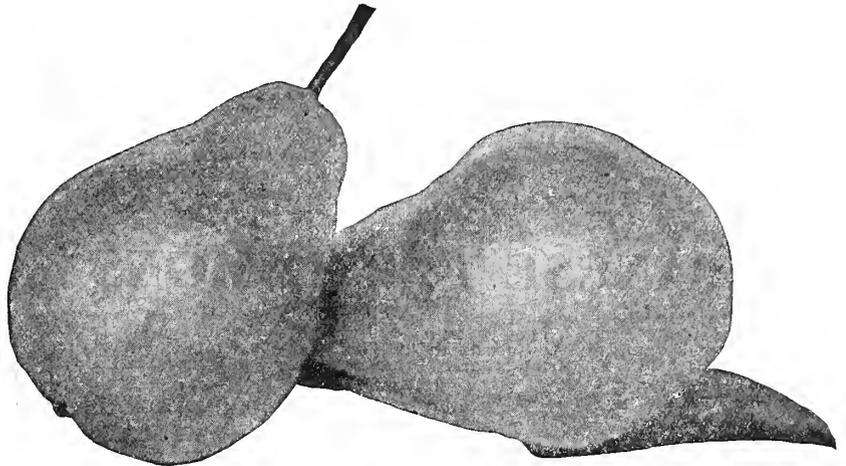
**Bartlett.**—Large, buttery, juicy, high flavored great bearer, very popular. July.

**Japan Golden Russet.**—Fruit of good size, globular in shape; very firm flesh, especially desirable for preserving or canning, not of great value otherwise. Fruit hangs on the tree perfectly sound until November.

**Clapp's Favorite.**—Very large; yellowish green to full yellow, marbled with dull red in the sun and covered with small russet specks; vinous, melting and rich.

**Duchesse.**—Very large, greenish yellow, spotted with russet. Flesh white, buttery, with rich, excellent flavor.

**Early Harvest.**—Medium size, pale yellow with dash of red. Flesh white, sweet and tender. Among the best. July. Adapted for interior sections of the South.



Kieffer Pears

# PLUMS

Price,  
\$1.25 each.

Of all the fruit that is grown in Texas there is no doubt but plums are the most profitable. Peaches and other fruit sometimes fail to fruit. Plums are certain. In the last fifteen years plums have failed only once. Plant several varieties of Plums; they colonize each other and fruit more abundantly.

Plums of the Improved Chickasaw Type.

**Climax.**—The newest and claimed to be by far the finest Japan plum yet produced. Fruit large, heart-shaped, beautifully colored, and so fragrant that a single fruit will perfume a whole house. Indescribably delicious and ripens earliest of all. Free, very vigorous and productive. The most wonderful plum ever grown.

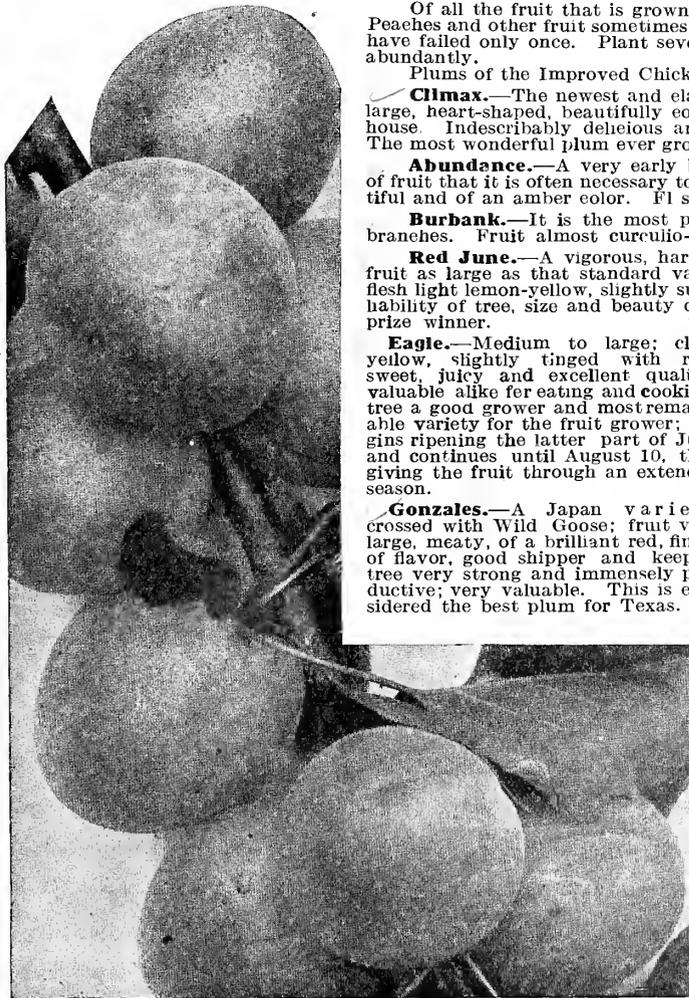
**Abundance.**—A very early bearer; it often fruits in the nursery row. It bears such loads of fruit that it is often necessary to prop the limbs to keep them from breaking. Fruit large, beautiful and of an amber color. Flesh yellow, tender, sweet.

**Burbank.**—It is the most promising of any variety of Japanese origin. Vigorous, strong branches. Fruit almost curculio-proof. A good shipper. June.

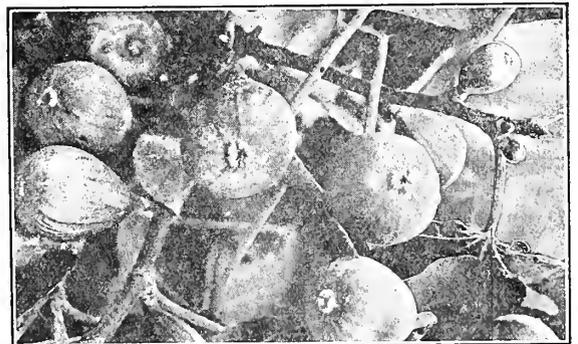
**Red June.**—A vigorous, hardy, upright, spreading tree, as productive as Abundance, with fruit as large as that standard variety; deep vermilion-red, with handsome bloom; very showy; flesh light lemon-yellow, slightly sub-acid, of good and pleasant quality; half cling; pit small. Reliability of tree, size and beauty of fruit, its early ripening and fine keeping qualities, make it a prize winner.

**Eagle.**—Medium to large; clear yellow, slightly tinged with red; sweet, juicy and excellent quality; valuable alike for eating and cooking; tree a good grower and most remarkable variety for the fruit grower; begins ripening the latter part of June and continues until August 10, thus giving the fruit through an extended season.

**Gonzales.**—A Japan variety crossed with Wild Goose; fruit very large, meaty, of a brilliant red, finest of flavor, good shipper and keeper; tree very strong and immensely productive; very valuable. This is considered the best plum for Texas.



Gold Plums



Celestial Figs

**Gold.**—Medium yellow, round; flesh firm and pleasant, should not be eaten until quite ripe, when the flavor equals that of the finest apricot; this is another late bloomer and sure bearer, and should be in every collection. August 10 to 25. The tree of this variety usually runs small.

# FIGS

The fig adapts itself to a wide range of soils and climates. We grow none but the best varieties. Price, 75c each.

**Celestial.**—(Sugar; Celeste, etc.)—Medium; pale violet, with bloom; sweet and excellent; prolific. Hardest of all figs.

**Magnolia.**—(Dalmatian.)—Large to very large; greenish amber; quality good; productive, but tender.



## APRICOTS

Make good shade and ornamental trees, being an object of great beauty, especially when in bloom.

Price, \$1.25 each.

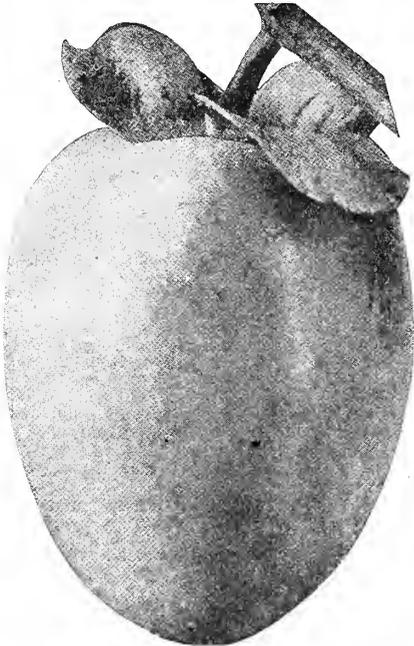
**Early Golden.**—Fruit small, pale orange-yellow, juicy and sweet. Tree hardy and productive. The best of the small fruited sorts. Ripens about June 1st.

**Royal.**—French origin; fruit medium, oval, slightly compressed; dull yellow, with red cheek on side exposed to the sun; flesh pale orange, with rich vinous flavor; very desirable and more extensively planted than any other variety; excellent for canning and drying; June.

## JAPANESE PERSIMMONS

Some of these should be planted by every family. The fruit often measures ten inches in circumference. They ripen in August, September and October. The trees bear young, and are very ornamental. The Japan Persimmon is entering the commercial field. The fruit is large, firm, attractive and almost as good a shipper as the apple.

Price, \$1.25 to \$1.50 to \$2.00 each.



Japanese Persimmon

## QUINCES

**Champion.**—A prolific and constant bearer, fruit averaging larger than the orange, more oval in shape, quality equally fine and a long keeper; bears extremely young. Ripens late.

**Orange.**—Fruit large, bright, yellow, of excellent flavor. \$1.00 each.

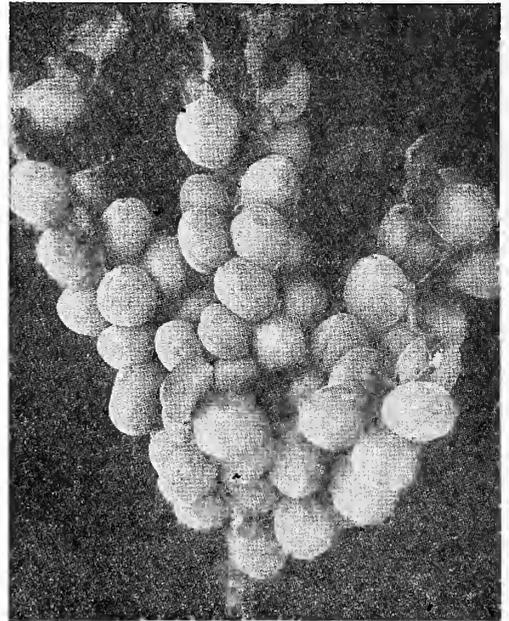
## NUT TREES

**Soft-Shelled Almond.**—In appearance the Almond tree, leaf and flower resemble the peach, to which it is closely allied; not a sure bearer on account of its early blooming. \$1.25 each

**Hard-Shell Almond.**—A more certain bearer than Soft-shell. \$1.25 each.

**English Walnut.**—The common thin-shelled walnut of commerce. \$1.25 to \$2.00 each.

**Japanese Walnut.**—Thin shell, \$1.50 to \$2.00 each.



Royal Apricots

Texas is the home of this pecan and every household should plant a pecan tree. They make an ideal shade and are long lived and are practically without any enemies.

The Halbert, in my opinion, is the tree to consider.

Prices, 3 to 4 feet, \$3.50 each.

**Van Deman**—Large to very large, about 2 1/8 x 7-8-inch, oblong, cylindrical; reddish brown; pointed; shell medium thickness; kernel fine grained, compact, sweet and delicious, quality excellent. A good grower; produces well.

**Seedling Pecans.**—While we do not recommend the planting of seedling pecans, because they do not always come true to name, yet they will grow and thrive well as a shade tree, and sometimes produce as good nuts as a grafted tree. The trees we offer are from large selected nuts. \$1.00 each.

## PECANS

Within the last few years pecans have been attracting a great deal of attention on account of the enormous profits to be derived from groves of large, thin-shelled varieties. The trees are easily transplanted, require comparatively little attention (although they respond readily to liberal treatment), and when they commence bearing—usually six to ten years from time of planting.

### Budded Pecans

Prices, 2 to 3 feet, \$2.00; 3 to 4 feet, \$2.75 each.

**Stuart.**—Large to very large; about 1 1/2 x 1 inch; grayish brown, dotted with purplish black; base rounded; blunt both ends; shell medium thickness; cracking quality very good; kernel large, full, plump, solid, fine-grained; flavor rich, sweet; quality good; a strong grower and a heavy bearer. Has proven adapted to a very wide range of country. One of the best; in fact, generally conceded the best, all things considered.

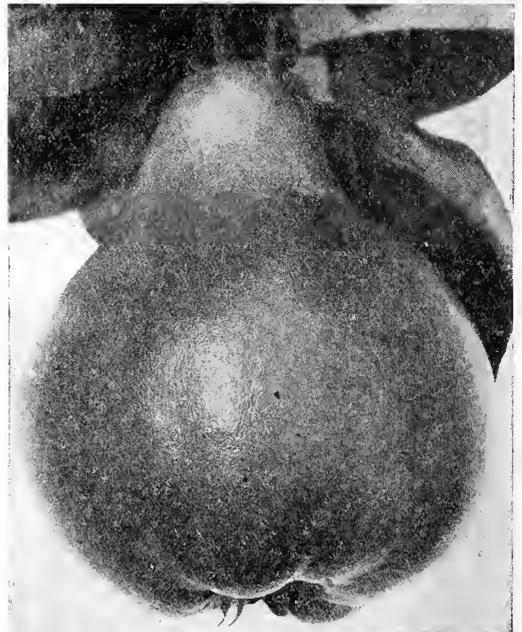
**Frotscher.**—From Louisiana; large, fine. It was this variety that was planted on Governor Hogg's grave.

**The Halbert Pecan**—This variety of pecan originated in Coleman County, Texas, and the parent tree is still alive and has produced in one year \$253.24 in pecans, marketed in the town of Coleman.

This is one of the very best native pecan trees of the day. It is a young and an abundant bearer, rarely ever failing to make a crop. The peculiarities of the tree is that it bears very much younger from graft than other thin shelled varieties. It has been known to bear in nursery rows in two years and produce two clusters on small trees. Clusters average from 9 to 13 pecans to each cluster. Price, 3 to 4 feet, \$3.50 each.



Stuart Pecan



Champion Quince



# Small Fruits

Every Home Garden Should Have  
Enough Small Fruit Plants to  
Amplify Supply Your Table

## STRAWBERRIES

When ordering Strawberry plants, kindly always state your second choice of varieties—in case we should be sold out of any sort—when too late in the season for correspondence. We substitute similar equally good, if not better sorts, unless advised to the contrary.

Price, \$3.00 per 100; \$25.00 per 1,000; Crescent Seedling, Lady Thompson, Klondike, Parker, Earl and Mitchell's Early, \$3.25 per 100. These are varieties which will be found reliable all the time, and under good cultivation will produce especially fine results.

## BLACKBERRIES

Price, except where noted, \$1.00 per dozen; \$7.00 per 100.

**Kittatiny.**—Very large, sweet and productive; this and the Dallas blackberry give a succession of fruit from six to eight weeks.

**Dallas.**—A native of Texas and a week or ten days earlier than the Kittatiny; large, round, juicy, sweet; very productive.

**Robinson.**—Very vigorous, upright, prolific, uniformly very large; of best quality. Sells at the highest market price. It has fruited for a number of years, and has proved itself one of the most valuable varieties in cultivation. It endures climatic hardships well.

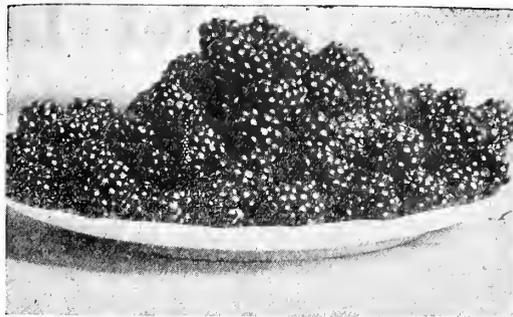
## DEWBERRIES

The Dewberry is a native of most parts of Texas, and is well known. It is greatly improved in size, productiveness and flavor by cultivation.

**Austin-Mayes.**—Probably a hybrid with the blackberry, as the plant is a strong erect grower, remarkable for its productiveness, size, bea ty, flavor and earliness. \$1.00 per dozen; \$7.00 per 100.

**McDonald Berry.**—Large, tender, juicy; of best quality; earliest, hardiest, vigorous and productive. This is a new berry, a cross between the blackberry and dewberry. It stands up like a Blackberry and "tips" like a dewberry. \$1.00 per dozen.

**The Rogers.**—Discovered near Alvin, Texas, in 1895, has been thoroughly tested since that time and found to be most excellent. It is a vigorous grower, stands drouth well, and is not affected by disease or bothered by insect pests. The berry is large, oblong, very firm and possesses a fine flavor. It ripens in South Texas the early part of April, a month earlier than the Lucretia and Austin-Mayes. Picking season lasts from 35 to 45 days. Its shipping qualities are far ahead of any other Dewberry or Blackberry now in cultivation. No family should be without this extremely early and healthful fruit. The commercial small fruit-grower cannot afford to do without it, because it is the earliest and commands the highest price on the market. \$1.00 per dozen; \$7.00 per 100.



Robinson Blackberries

## GOOSEBERRIES AND CURRANTS

These are classed among the uncertain fruits for Texas. They can be grown with moderate success in a moist, partially shaded place. Price, 35c each; \$3.00 per dozen.

## RASPBERRIES

We can supply any of the leading varieties of Raspberries, including both the blackcap and the red sorts, in any quantity. Price, \$3.00 per dozen, \$25.00 per 100.

## GRAPES

Price, 50c each; \$5.00 per dozen, unless otherwise quoted.

**Niagara.**—White; bunch and fruit very large; very showy, and as hardy and productive as the Concord; a superb white Grape, and one of the most profitable grown. See cut.

**Agawam.**—Red; bunches large; berries very large; of a peculiar aromatic flavor; pulp soft; a very vigorous grade of the Rogers class.

**Black Spanish.**—Large, black; very hardy; productive; a good arbor Grape.

**Champion.**—Black; bunches medium; berries large; early and productive.

**Catawba.**—Red; late, good, large, sweet, rich, musky flavor; extensively grown North.

**Goethe.**—Bunch medium to large; berries large, oblong, yellowish green; reliable; very good.

**Concord.**—Has long been the standard variety on account of its extreme hardiness, productiveness and adaptability to almost any soil, climate and condition; large, black; good for table, market or wine.



Our Strawberry Plants have long roots

**Delaware.**—Bunches small, compact, shouldered; fruit small, round, light red; one of the best table or market grapes.

**El Paso or Mission.**—Medium dark red; long clusters; very sweet; very popular in the West and Southwest. 65c each.

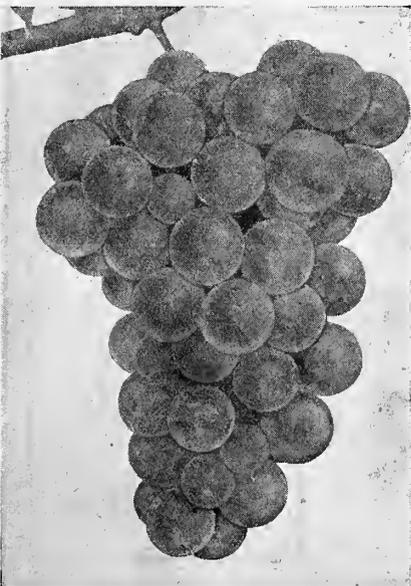
**Herbemont.**—Bunches large, shouldered and compact; fruit black, sweet, juicy; highly flavored; fine wine grade. 65c each.

**Ivy's Seedling.**—Bunches and fruit medium; often shouldered; black when fully ripe; very early; this and the Champion are the earliest and most popular market grapes grown.

**Moore's Diamond.**—Large, greenish-white; juicy; little pulp and of very good quality. Yields abundantly; fruit perfect and showy. Ripens very early in July; the best very early white variety.

**Moore's Early.**—Bunch medium, berry large, round; black with heavy blue bloom; medium quality. Very early. Desirable market sort.

**Triumph.**—Skin thin, pulp tender and sweet, quality superb. Bunch and berry medium size. Vine hardy, vigorous and productive. One year, 75c.



Concord Grapes

### NO ORDER MAILED FREE FOR LESS THAN \$1.00 PURCHASES.

The Parcel Post Law now in effect has so materially reduced the cost of transportation that we can deliver at the prices named in our catalog, any articles priced by single plant, from 2 1/2-inch pots, any seed by packages, ounce or pound to your home at the price quoted in this catalog.

This in no way implies trees, evergreens, hanging baskets, gold fish, incubator requisites, chicken feeders or any other bulky matter. On the articles above named, we deliver free to your Postoffice, and if you live on a rural route, merchandise will be delivered to your door.

This should appeal to you.

GRAPES HAVE PROVED TO BE A PROFITABLE CROP.



# Essex-Model Incubators and Brooders

## At Reduced Prices

### No. 554. Essex-Model Middle-Price Incubator.

This is a line of Middle-Price Incubators for earnest poultry-keepers who want a Reliable Hatcher. In these machines the heating and ventilating principle of the Standard Incubator is in a great part retained. The double cases are of pine with ample insulating material between them; nicely finished in Mission Style and in every way are dependable hatchers. Cost less by one-half than any other makes of HIGH GRADE MACHINES that hold as many eggs. They are positively the greatest values offered in Incubators of these sizes.

No. A—70 eggs.	Price .....	\$10.50
No. B—120 eggs.	Price .....	13.50
No. C—200 eggs.	Price .....	19.50

### No. 551. Essex-Model Standard Incubators.

These famous Incubators are acknowledged by most successful poultrymen to be America's leaders in artificial incubation. They are made of high grade chestnut. They possess double walls, thoroughly insulated. The Metal Heater is covered with a thick asbestos jacket. The non-shrinkable metal regulator arm cannot increase or decrease in weight by the action of moisture. The Essex-Corrugated Thermostat is the most rigid, sensitive quick-acting thermostat made. It is patented and therefore may be used only in the Essex-Model Incubators.

No. 1—175 eggs.	Price .....	\$25.00
No. 2—275 eggs.	Price .....	33.50
No. 3—410 eggs.	Price .....	37.50

### No. 552. Essex-Model Standard Brooders.

These Brooders are similar in appearance and construction, having two windows as illustrated herewith, each possessing circular hovers. The difference in the two brooders are as follows:

Model A, price \$11.50, has two compartments, and is 47 1/2 x 23 1/4 inches in size and has a supplementary roof or diaphragm for use as indoor brooders. Capacity, 75 to 100 chicks.

Model B Brooder, price \$14.00, has three compartments and is 58 1/4 x 34 1/2 inches in size and has wooden partition separating the hover from the exercising chamber, wire screen guard behind exercising-apartment window.

### No. 555. Essex-Model Colony Brooder, Style C.

This is without doubt the best Brooder on the market and by far the most popular. It is the original Colony Brooder of America and the 1912 improvements place it farther in the lead than ever. Each of the three compartments consisting of Hover, Nursery and Exercise Room. The Nursery Apartment is double-walled and insulated. Size 72x34 1/2 inches; capacity 150 chicks. Price \$17.50.

### INTERNATIONAL SANITARY HOVER

Capacity 150 Chicks. Price \$13.50.

#### The Five Big Reasons It Is Perfect.

1. Adaptability. The Sanitary Hover can be used anywhere that there is protection for the chicks from wind and rain. It has made the expensive brooder house wholly unnecessary.
2. Warmest at the Curtain. The Sanitary Hover is not a center-heat hover. It is warmest at the outer edge, which causes the chicks to distribute themselves near the curtain and prevents crowding and smothering of chicks.

3. Ventilation. The Sanitary Hover is the only perfectly ventilated brooding device. It supplies plenty of fresh air for all the chicks, with no drafts. The diffuse principle by which the Sanitary Hover is ventilated is identical in action with the diffusive action of the feathers of the mother hen.
4. No Carpenter Work. The Sanitary Hover can be carried around with ease and is ready for use wherever it may be dropped. No carpenter work is required to set it up—no cutting of holes or building of platforms. All one has to do to set it up is to set it down.
5. No Kneeling. The lamp holder of the Sanitary Hover can be lifted out by a person standing up. There need be no kneeling in dust or mud.



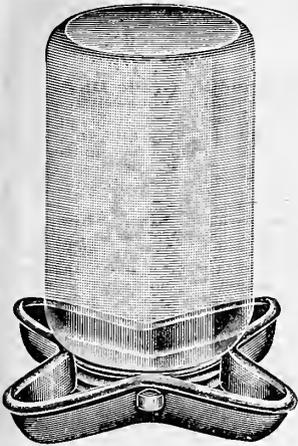
## Tested Thermometers

**Tested Thermometers.**—The best incubator or brooder manufactured is worthless unless the thermometer used therein is accurate. Hundreds of hatches fail in incubators because of inferior thermometers, and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

Incubator thermometers, each, postpaid.....	75c
Brooder thermometers, each, postpaid.....	65c

ESSEX-MODEL

INCUBATORS AND BROODERS

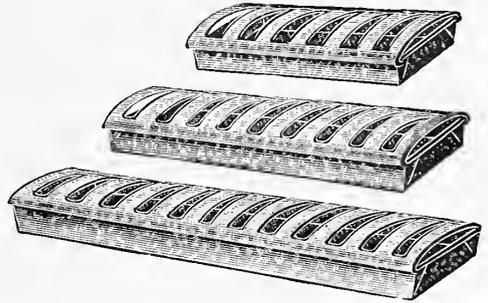


## Drumm's MOE'S Star Jar Fountain and Feeder

Will fit pint, quart or one-half gallon Mason jar. Manufactured of one piece of non-rusting metal. No parts to come unsoldered. Leaking impossible. Convenient, cheap and sanitary. Provides greater drinking surface than the round fountain. Little chicks cannot get drowned. Can be used for feed as well as water. Manufactured in one size only.

No. 32.....20c each

## MOES' Sani- tary Feeding Trough



An old and popular standby.

Can be used for Feed, Wet Mash or Water.

Barred top prevents wasting of feed and if used for water does away with the little chicks drowning. The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes, namely:

No. 21—12 inches long.....75c each  
No. 22—18 inches long.....\$1.00 each

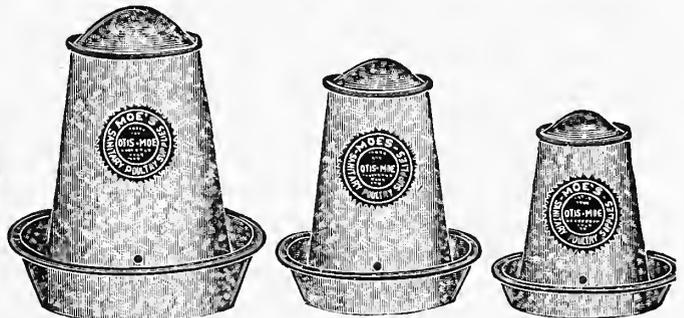
## Moe's Round Baby Chick Feeder

The most convenient and commodious feeder on the market for the price. A great feed saver, as the little chicks cannot get into it and contaminate the feed. Can also be used for water. This is not a novelty, but a practical well-made feeding device that will last for years. Made of the best grade of galvanized iron in two sizes:

No. 11. Small size. \$0.30  
No. 12. Large size. .45



## Moe's Sanitary Bottom-Fill Fountain



A General Utility Fountain at a Low Price.

Made in two pieces. Easily cleaned and owing to its shape it will not burst from freezing. The cone-shape top prevents chickens from roosting thereon. This fountain fills the breeder's need for an inexpensive fountain. Made of the best grade of galvanized iron in three sizes:

No. 19—About 1-quart capacity.....\$0.50  
No. 20—About 1/2-gallon capacity......65  
No. 24—About 1-gallon capacity..... 1.00

## Moe's Key Ring Celluloid Leg Band

Made of celluloid in six sizes and ten colors. They are snapped on the bird without difficulty and make identification readily discernible.

Poultry, Baby Chick and Pigeon Sizes.

12 bands.....	\$ .015	100 bands.....	\$0.75
25 bands.....	.30	500 bands.....	3.60
50 bands.....	.50	1000 bands.....	7.00

## Leader Adjustable Aluminum Leg Bands

Numbered 1 to 100

These are a popular band and are provided with a strong and secure fastener.

Made in two sizes:

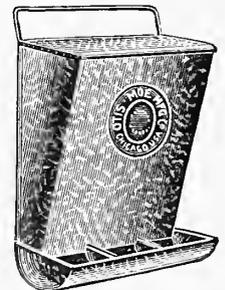
No. 1 for small fowls and pigeons.

No. 2 for all the medium and large breeds; being adjustable these bands are very satisfactory as they can be made to fit each individual fowl. 12 for 20c; 25 for 35c; 100 for \$1.00, postpaid. State size wanted.

## Moe's Grit and Shell Boxes

Grit, shell and charcoal have now become a recognized essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive compartment boxes. Can also be used as a feed hopper for little chicks. Each box has a substantial handle so that it can be hung up anywhere. The round bottom prevents clogging and insures an ample supply of the contents at all times. Made of heavy galvanized iron.

No. 9—3 compartments, for grown birds..... 1.35



## Moe's Square Brood Coops

A complete home for the hen and her brood. Manufactured with removable bottom for sanitation. A combination door for ventilation, to keep the hen inside, give the little chicks their liberty, for absolute protection against animals and weather, and to keep chicks in if desired. Collapsible and packed six to the crate. Manufactured of heavy galvanized iron in one size only.

No. 49—16x23x16 inches high..... \$4.00

## Hamilton Chicken Coop

This is a round galvanized iron coop, both storm proof and rat proof. Will last a lifetime and is sold cheaper than you can construct one not half so good of wood. Price, \$4.00 each.

# TALBOT'S INSECT EXTERMINATOR

Positively kills ants, roaches, chicken lice, fleas, moths, bed bugs, mosquitoes, etc., and is a fine disinfectant. We guarantee this powder to do the work. Price, 30c per can.



Poultry Supplies—Continued

NOTICE—Owing to the fluctuations of the grain market we are unable to quote at this time a firm price on Poultry Food; we will be glad to furnish prices on application.

Drumm's Poultry Panacea for Roup, Sorehead, Cholera, and any irregularity of the bowels. This is without doubt one of the very best remedies for all poultry diseases. A sure cure for any disease that affects the head, throat or bowels. Eight-ounce bottle, 35c; by express only. Special prices to dealers.

Drumm Brand Scratching Food.—The best dry grain food compounded for the older fowls. Scattered in the litter, it promotes digestion by inducing exercise. It is composed of cracked grain, seeds, grit, bone and shell, charcoal and dried meat, of large enough size to prevent its being wasted by loss in the litter. It is the best food we can produce for laying and fattening stock.

Drumm Brand Chick Food is the right food for young chicks. It is mixed in just the way nature intended the proper proportion of cracked grain, small seeds, grit, bone, shell and dried sweet meat (to take the place of insects and bugs), charcoal to promote digestion, all combined to produce a quick and profitable growth, without loss by disease and weakness caused by ordinary foods. You can raise so many more chicks by feeding it, and it is the cheapest feed you can buy.

Charcoal.—Prepared expressly for poultry. Absolutely pure. No poultryman can afford to be without charcoal and a little of it goes a long way. It aids digestion and promotes the health of the poultry of all ages. Prepared for us in three grades. Fine granulated for use in mash mixtures. Medium granulated for small newly-hatched to half-grown chicks. Coarse granulated for fowls. Two-pound packages, 25c.

Switt's Beef Scraps.—These are especially prepared for us. Feed three times a week at the rate of about a handful to every three birds in the morning meal of hot food.

Cracked Poultry Bone.—Manufactured from fresh, clean bone and is perfectly pure and sweet to be fed to the poultry daily about a handful to every five fowls like grain or other feed.

Fine Ground Bone.—For mixing once a day with soft feed, this is unsurpassed.

Write for prices. Cryco Grit.—We have it in two sizes, fine and coarse. 50 pounds, \$1.50; 100 pounds, \$2.50.

Crushed Oyster Shell.—Free from dirt and other waste matter. Medium grade, 50 pounds, \$1.25; 100 pounds, \$2.00.

CONKEY'S BUTTERMILK STARTING FOOD.

Conkey's Buttermilk Starting Food is a scientifically balanced, slightly medicated food, easily digested and taken up by the system, while the lactic acid released from the buttermilk acts as a preventive measure against White Diarrhoea and digestive trouble.

Only the best grains we can buy, pure medicine, and Conkey's Dry Buttermilk are used in its making. Get your chicks started right by feeding it to every brood. One pound will feed 12 chicks 3 weeks. Try it on a few and watch them thrive. Price, lb., 15c; 3 lbs., 35c; 6 1/2 lbs., 75c; 14 lbs., \$1.45; 100 lbs., \$10.50.

Conkey's Roup Cure.—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 purifier, cleanses the blood and builds up the system. It is equally effective for turkeys and for canker in pigeons. 60c.

Conkey's Cholera Cure.—It is a positive cure for bowel trouble, indigestion, diarrhoea, dysentery, cholera, etc., in fowls. Tones up the system at the same time. Put in the drinking water. We guarantee it. 60c per box.

Conkey's Gape Cure.—Positively cures and is given without trouble or loss of time. Put in a soft feed. It builds up the general health and kills the worms. 60c per box.

Conkey's Chicken Pox Remedy.—Most valuable for this disease, commonly known as Sore Head; guaranteed. 60c per box.

Conkey's Noxicide.—A non-poisonous, soluble disinfectant and germ destroyer. By mixing with water, one gallon of Noxicide will make 10 gallons of disinfectant. Pt., 60c; qt., 90c; 1/2 gal., \$1.50; gal., \$2.50.

Conkey's Poultry Tonic.—A splendid remedy for fowls recovering from disease and during the moulting season. Also for chicks which do not seem to thrive. 30c.

Conkey's Laying Tonic.—Will keep fowls in the best of health, shorten the moulting period, and increase the production of eggs. 1 1/2-lb. pkg., 30c; 3 1/4-lb. pkg., 60c.

INSECTICIDES, FUNGICIDES, ETC.

Arsenate of Lead—Dry Powder.—For spraying trees and shrubs against attacks of leaf-biting insects of all kinds. It adheres well to the foliage, does not readily wash off by rain, and does not injure tender foliage. Remains well suspended in solution, so that an even distribution is obtained. Being white in color it shows just where it has been applied. Is rapidly taking place of Paris Green. Use one pound to 40 gallons of water. (Not mailable.) One pound, \$1.00.

Whale Oil Soap.—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Pound, 35c; two pounds, 60c; if by mail, add postage.

Tobacco Dust.—Very effective, being of leaves, not ground stems. Used on cabbage and in vegetable hothouses. Pound, 10c; by mail, postpaid, 17c; by express, 10 pounds, 75c.



Insecticides, Fungicides, Etc. Continued

Hammond's Grade Dust.—A readily diffusible, lightweight powder fungicide, very efficient in destroying mildew and in preventing blight in greenhouses or in the open; also, for destroying aphid and black fly. 1-lb. can, 35c.

Hammond's Slug Shot.—Used from ocean to ocean. A light, composite fine powder, easily distributed either by duster, bellows or in water by spraying. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, chicken lice, slugs, sow bugs, etc., and it is also strongly impregnated with fungicides, 1-lb. can, 35c; 5-lb. package, 65c.

Hammond's Thrip Juice.—Is a contact insecticide for use against Thrips and Black Fly, Aphid, Red Spider, White Fly, Soft Scale and Mealy Bugs. Per can, 75c.

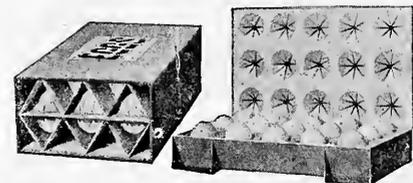
Cyclone Seed Sower

A Very Popular Seeder and very extensively sold

This Sower is guaranteed to distribute seed perfectly even, and will not throw seed in an upward direction or against the operator, but direct and evenly to the land. Sows clover, timothy, red top or herds grass, alfalfa, oats, rye, wheat, millet, buckwheat, turnip and other varieties of farm seeds. It also distributes bone dust, land plaster and fertilizer to advantage. Clover seed is sown a width of 18 feet; timothy, 15 feet; alfalfa, 20 feet; wheat, 25 feet; millet, 18 feet; oats, 18 feet. Thus it will be seen that one operator can sow from forty to sixty acres per day, according to the kind of seed. Price, \$2.50 each.



Diamond Egg Carrier



Saves money in cost, time, safety, space, weight and expense.

The Diamond Egg Carrier is entirely new and in a class by itself. It is shipped flat, thereby saving a large amount on freight and express. The peculiar

construction of the box in V-shaped wedges permits it being made of very light material while still retaining great strength. Is easily set up; a child can put them together and pack the eggs on a moments notice. The eggs do not come in contact with the outside of the box, having a cushion on all sides and being wrapped in tissue paper there is no jar, thus insuring safe transportation. Eggs cannot be taken out or substituted without detection. If properly packed the Diamond Egg Carrier can be dropped six feet and not harm the eggs. No other carrier will stand this test. For convenience we pack one dozen in a package, being convenient in itself and containing address labels, gummed paper and tissue paper. The time saved pays for the box.

Table with columns for Egg Size, Price per Dozen, and Weight per Dozen. Includes sections for Hatching Eggs and Domestic Eggs.



# Drumm's Blue Bug Exterminator

An Exterminator Which Exterminates. Guaranteed.

You can treat your entire flock at one time. Put in the drinking water or mix with the feed at the rate of one and a half tablespoons to each quart of feed or drinking water. This preparation will rid your fowls and premises of all lice, mites, stick tight fleas and blue bugs. It will also prevent Sorehead, Canker and Roup. Do not be afraid to use it as directed; it in no way affects the eggs or the flesh, as both can be eaten with impunity.

**Save your chickens. Ask your dealer to stock this wonderful exterminator.**

If your dealer does not handle, order direct.

"Drumm's Blue Bug Exterminator" is put up in 8-oz. bottles at 35c each; pint bottles at 65c each; quart bottles at \$1.30 each; half-gallon bottles at \$2.50 each and gallon jugs at \$4.50 each. F. O. B. Fort Worth; it is sent by express only, as it is a liquid and cannot be sent by mail.

**DRUMM SEED AND FLORAL CO.,  
507 Houston St.  
FORT WORTH, TEXAS.**

Descriptive literature mailed on request.

## Deming Spray Pumps

### "Success" Bucket Sprayer

For spraying a small number of trees; for flower and vegetable gardens, greenhouses, etc., it is practically indispensable. The "Success" is also widely used for washing windows, buggies and autos; for applying whitewash and disinfecting barns and poultry houses; also for applying cattle-fly oil, stock dip, etc. An easy working, powerful pump; will last a lifetime if given reasonable care. Price, \$10.50.



### The Century Barrel Sprayer

The Century is the best all-round Barrel Sprayer on the market; it is strong and durable and with proper care will last for years. The pump is only 44 inches high, having the large air chamber located principally within the barrel, leaving no projection to catch in the branches. The Cylinder is submerged in the liquid and is constantly primed. Price, \$18.75.



## No. 31 "Deerfield" Brass Spray Pump

(Fits any pail or bucket, and may be attached to Barrel.)

One of the best spray pumps ever put on the market—made entirely of brass.

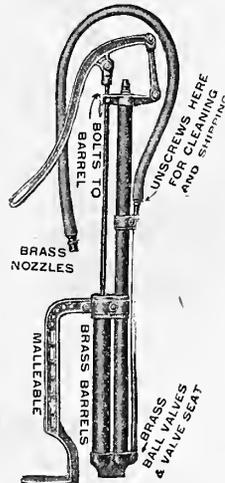
This pump produces a continuous unbroken spray with slow pumping. Air chamber is 60 per cent larger than other bucket pumps, thereby making the pump much more powerful and able to throw a larger and higher spray. Easy to operate. The malleable stirrup may be detached and the pump used in a barrel by bolting to the staves through casting provided for this purpose, which makes it an especially good barrel pump outfit.

Equipped with three feet of heavy hose, detachable, and three interchangeable brass nozzles. Hose has brass hose clamps.

Throws a stream 50 feet that may be regulated from the finest to a very coarse spray. Used for whitewashing and for all spraying purposes.

The agitator is a big feature; it keeps the liquid stirred up and prevents the ingredients from settling.

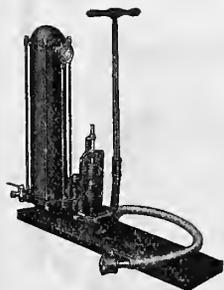
Each, list, \$10.00.



## "Samson" Double-Acting Sprayer

The next best outfit to a power machine, and the easiest working hand sprayer on the market. Will develop a pressure of 150 to 175 pounds while supplying two leads of hose, and at the same time permit the operator to rest between strokes, because of the unusually large air chamber and extra long lever. Is proof against corrosion and practically exempt from breakage.

Does speedy, thorough work. Thousands now in use. Positively the latest and best development in hand spraying, and a decided success from the start. Price, \$54.00.





# Mulford Cultures

FOR LEGUMES

## INCREASE YOUR CROPS—IMPROVE YOUR SOIL

Legumes offer the best-known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for

- |                  |                 |
|------------------|-----------------|
| 1 ALFALFA        | 10 VETCH        |
| 2 CRIMSON CLOVER | 11 VELVET BEANS |
| 3 SWEET CLOVER   | 12 SWEET PEAS   |
| 4 RED CLOVER     | 13 GARDEN PEAS  |
| 5 ALSIKE CLOVER  | 14 GARDEN BEANS |
| 6 BURR CLOVER    | 15 LIMA BEANS   |
| 7 COWPEAS        | 16 LESPEDEZA    |
| 8 SOY BEANS      | 17 BEGGAR WEED  |
| 9 PEANUTS        | and others.     |

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

### PRICES

5-acre size.....	\$5.00	1/4-acre size.....	\$ .50
1-acre size.....	1.50	Small size.....	.25



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.



**Midget Sprayer.**—Designed especially for domestic purposes, but is practical for all purposes. 40c each, by mail, 50c.



**Lowell's Special.**—A single-tube Sprayer adapted for all kinds of general spraying; used very extensively; capacity one quart. 60c each; by mail, 75c.



**Lowell's Powder Sprayer.**—For using Paris Green, Tobacco Dust, etc., on plants and poultry; capacity one quart. Aluminum finish. \$1.00 each, by mail, \$1.15.

**Lowell's Continuous Sprayer.**—Constructed to give a continuous, uniform spray on both strokes of the plunger; will handle fly oils, insecticides and disinfectants with great rapidity, giving a fine, effective spray; easily cleaned. \$1.00 each, by mail, \$1.15.

**Bucket Pumps.**—Can be used with any bucket. All brass; not affected by any of the ordinary spraying materials. For spraying trees and shrubs, or white-washing. By express, \$7.50.

## Fertilizers

Write for Prices.

**Pure Bone Flour.**—For top-dressing, house-plants, etc.  
**Star Phosphate.**—(16 per cent.)—A reliable and well made phosphate in first-class mechanical condition, containing phosphoric acid in desirable form.

**Special Farm Mixture.**—(10-2)—Fine combination of available phosphoric acid and ammonia. For land deficient in these two elements and for crops such as alfalfa clover, cowpeas and beans.

**King Cotton.**—(2-8-2).—This brand is recognized in all cotton sections as standard. It is carefully prepared and has in it a sufficient amount of readily available plant food to give the crop a quick start, and keeps it continually growing to early maturity.

**Texas Vegetable Grower.**—(2 1/2-9-3.)—The above brand is formulated for the average truck land of the Southwest, and unless the land is poor, it contains a sufficient amount of ripened plant-food to give it a quick start and mature the plant early. A trial will prove it.

**Nitrate of Soda.**—A fertilizer for all crops. Quick in action, and hastens maturity of crops two weeks. Fine for lawns.

**Apterite.**—The Soil Fumigant. A scientifically prepared powder for the fumigation of the soil. It will positively destroy all insects and other pests which live or hibernate in the soil. It is simple to apply, inexpensive, non-poisonous and harmless to man and beast. Will not destroy soil bacteria, and can be applied to any kind of crop.

**Apterite** should in no account be brought into actual contact with the growing plant. One pound, 25c; 5 pounds, \$1.00.

## No. 55 "Ritesize" Compressed Air Sprayer

The No. 55 "RITESIZE" is made of heavy Galvanized Iron, double seamed to stand heavy pressure. Tank holds two gallons. The brass pump is provided with a brass casting, with machine-cut thread, for screwing pump into center of tank.

The handle is quickly locked in place for carrying the Sprayer. Furnished with two feet of good quality hose, adjustable shoulder strap for carrying Sprayer over shoulder, and a brass automatic self-closing nozzle, which produces a broad long-distance fine mist or coarse spray.

This Sprayer is adapted for all kinds of spraying purposes. Its size makes it very useful for work around the garden, such as spraying garden vegetables, flower beds, shrubbery, small trees, also for spraying disinfectants, lice killer in poultry houses, etc.

Each, List \$8.00.





## HUDSON COMBINATION SEEDER

(No. 201 Double Wheel.)

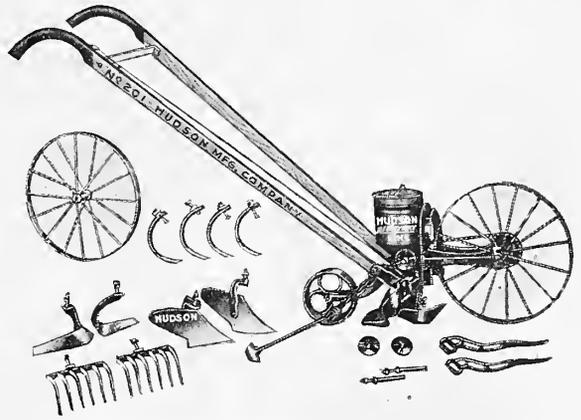
This is a combination tool quickly convertible into a double or single wheel hoe, hill and drill Seeder, or double and single-wheel Cultivator. It will sow accurately anything from beans down to the smallest garden seeds in hills, 4, 6, 8, 12 or 24 inches apart, or in drills at any desired depth to two inches.

The brush force feed, constructed of selected bristles, is guaranteed not to injure the most delicate seeds and to feed all the seed from the hopper. By means of a thumb-screw, the index is easily adjusted to feed the required amount of seed. Should the hopper run out of seed this can be detected by the operator, as the seed flow is in plain sight at all times.

The handles have a plow-handle grip, giving great leverage with little exertion and are not tiresome to the hands. Wheel diameter 16 inches; tire 1 1/4 inches with 16 spokes. Arch made of angle steel and will not spring, giving more rigidity and longer life than any other in use.

Tool Equipment—Hoes, Shovels and Plows are made of special high-grade steel, all shanks are of malleable. When used as a hill or drill seeder, will open its own furrow, drop the seed perfectly, cover it and mark the next row all at one operation.

Complete combination. Price, each, \$18.00.



## THE BEEMAN REPLACES THE HORSE

WE ARE DISTRIBUTERS FOR THE BEEMAN TRACTOR

Means Greater Efficiency, Economy and Profit for Farmers, Truck Growers, Nurserymen and Suburbanites

The Beeman was placed on the market after undergoing two years of thorough testing and experimenting. It has been on the market now for three years, and is proving an efficient substitute for the horse, in the hands of hundreds of average people. It has been tested out in every state of the Union under all kinds of soil conditions—is the first and only proven tractor that will do what one horse is usually depended upon to do—do more of it and do it better.

The Beeman is a power machine designed for one-horse work. Most owners find it will do more than one horse, not thru pulling a heavier load, but because it works faster and more steadily day after day, and can be used longer hours. It never gets tired—saves the work of feeding, watering and currying that is necessary with a horse.

In addition to doing all the work done by one horse, the Beeman is a 4-Horse Power stationary engine. It trots from job to job under its own power, and does pumping, grinding, runs a cream separator, washing machine, etc., wherever the job is. It is useful the year around.

### THE AVERAGE FARMER

What can the average farmer do with the Beeman? He can do all the work ordinarily done with one horse—jobs of cultivating, light harrowing and plowing, all garden work, hauling, mowing, etc.

With a large farm tractor and the Beeman he can do away with horses entirely. On smaller farms the Beeman alone eliminates the need of horses. Moreover the Beeman is a portable 4 H. P. utility stationary engine.

### TRUCK GARDENERS, NURSERYMEN

Here the Beeman does away with the expense, inconvenience and inefficiency of the horse. Besides doing all the work formerly done with one horse, it cultivates—one or three rows at a time—the narrow rows which formerly had to be cultivated with the hand-pushed cultivating tool.

In working around plants, shrubs and trees, the Beeman goes where the horse cannot, or will not; works closer up to the fence

and in corners, and does not trample down the plants. The Beeman completely and efficiently motorizes the truck farm and nursery.

### FOR SUBURBANITES

The Beeman means **Independence** for suburbanites. It will pull a large lawn mower, do all kinds of garden work. It makes the suburbanite independent of his former troubles of securing labor and horses.

Just think of the convenience of having a Beeman ready every evening and Saturday afternoon to mow the lawn, plow and harrow a little patch of ground, cultivate some garden, and do such jobs as pumping water, hauling small loads, running a washing machine, etc.

### ECONOMY

The first cost of the Beeman is no more than that of a good horse or mule. It requires fuel only when it works; requires no time and attention as does the horse, and will run five hours in field or seven hours on belt work on one gallon of gasoline. It has more uses than the horse—will prove more valuable the year round.

### SIMPLICITY ITSELF

There is nothing complicated about the Beeman. It is a simple gasoline engine and transmission, mounted on small traction wheels. Fuel—oil—water.

The tractor and cultivating tools are guided and operated from the handles, almost in the same manner as any horse-drawn implement. The operator never needs to take his hands off the handles.

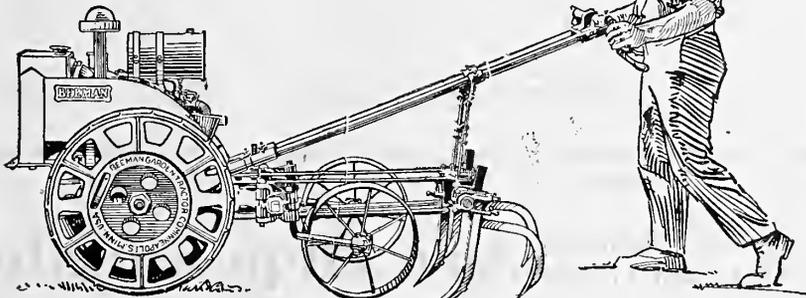
The speed and power of the engine is controlled by a small thumb lever on the right handle.

The clutch is operated by a small lever on the left handle. There are no other levers and no pedals to require attention.

One of our chief aims has been to make the Beeman entirely practical in the hands of those not versed in mechanics.

There are few parts to the Beeman to wear out or get out of order. It is made thruout of high-quality materials, strong in every part. Under ordinary use and with reasonable care it will give many years of profitable service.

If you are interested, write us for further particulars. We used two of these tractors in our Nurseries last year and can say they are a perfect success.



# B E E M A N

GARDEN TRACTOR

## The One-Horse Tractor

It will Plow, Harrow and Cultivate. It will haul Horse Lawn Mowers, Carts, Wagons, Mowing Machines, etc. It will run your Pump, Cream Separator, Churn, Washing Machine, Feed Grinder, Corn Sheller, Circular Saw, etc. It trots from job to job under its own power.

**PRICE**  
**\$285.00**

F. O. B. Factory.



# DRUMM SEED AND FLORAL COMPANY

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<b>MENT</b> —		Justicia Bicolor.....	14	<b>SEEDS</b> —		Squash.....	25		
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Hardy Climbing Vines.....	46	Mammoth Verbenas.....	15	Asparagus.....	16	Tomato Seed.....	25-26		
Hardy Flowering Shrubs.....	42-45	Manettia Vine.....	11	Beans.....	17	Turnips.....	26		
Shade Trees.....	39-40	Maurandia.....	14	Beets.....	18	Vegetable Plants.....	27		
<b>PLANT DEPARTMENT</b> —		Musa—Banana.....	11	Cabbage.....	18	Watermelons.....	21		
Acalypha.....	8	Nasturtium.....	14	Carrots.....	19	Wire Hanging Baskets.....	8		
		Ornamental Grasses.....	45						

## GENERAL DIRECTIONS TO CUSTOMERS

We respectfully call the attention of our customers to the following directions, which will, if followed, be an aid to purchasers, as well as ourselves:

**Order Early.**—It will greatly facilitate shipments if orders are sent in early. We aim to send off all orders the same or the next day after receipt, but during the rush season this is impossible, hence the advisability of ordering early.

**Forwarding.**—We deliver, postage paid, to any postoffice in the United States, vegetables and flower seed in packets. Plants from 2½-inch pots at price per single plant when money sent with order at catalogue prices, except where otherwise noted.

**Packing.**—No charge is made for boxes or packing, nor for delivery to freight depots or express offices.

**Remittances** for Fort Worth should be made by postoffice money order, drafts on Fort Worth banks or express money orders. We disclaim all responsibility when remittances are not made as above directed. When it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage. Coin should not be sent by mail.

**Cash With Order.**—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery," unless remittances be made on account to guarantee acceptance.

**Name and Address.**—Please remember to write your name, postoffice, county and state, and also give number of street or postoffice box as distinctly as possible; also the nearest express

office, or if on a stage route, send us directions, giving us the name of the express company delivering goods.

### TREATMENT OF PLANTS ON ARRIVAL.

**The Plants.**—If in the least wilted should be placed with paper about them in shallow pans with water comfortably warm to the hand, where they should remain from twenty minutes to half an hour; this restores their vigor, revives their leaves and increases their vitality.

**Soil.**—For potting, should be composed of rotted sod about two-thirds, one-third well rotted cow manure, thoroughly mixed together, will answer a very good purpose.

**Potting.**—Do not use too large pots at first potting; one size larger than those that the plants were originally grown in are the best, and as the pots become filled with the roots the plants should be repotted. Put a few pieces of broken pots in the bottom of the pots, and be careful to place the soil firmly about the roots. Do not fill the pots quite full of soil, but leave about half an inch space to receive water. One thorough watering should be given, soaking the soil to the bottom of the pots; place in a sheltered place where they will not be exposed to the wind or sun for two or three days, or until they commence to grow.

At the Texas State Flower Show, held in Dallas, November 15 to 17, 1916, our CHRYSANTHEMUMS won 6 firsts, 1 special, and 1 second prize, also sweepstakes over all competitors in the State.

## We Ship by Parcel Post Anywhere in This Country

**Bulk limit (measurement around package both ways) in all zones 72 inches. Liquids and goods packed in glass should be sent by express**

This applies from Ft. Worth, No. 1, as shown in table. The first zone extends about fifty miles out from here, the second about 150 miles, the third about 300 miles, the fourth about 600 miles and the fifth about 1,000 miles.

Please ask your postmaster what zone you are in; make note of it and use this table. Seeds, plants and bulbs can be mailed, the rate of postage being 1c for each two ounces on packages weighing up to 8 ounces. Anything over 8 ounces takes the pound rate, that is, a package weighing 9 to 16 ounces takes the rate for one pound, and one weighing 17 to 32 ounces takes the rate for two pounds and so on. Therefore, when you want one pound of seed remit postage for two pounds as packing will increase the weight. There will only be two or three cents difference.

The weight limit of a single package to zones 1 and 2 is 50 pounds; to all others, 20 pounds. We pay postage on all garden seeds in packets, ounces, one-fourth and one-half pounds and pounds and on all plants from 2½-inch pots at price per single plant to your home at the prices quoted in this catalogue.

Price of Cut Flowers During Christmas, Easter and Thanksgiving are not Provided for in This Catalogue.

WEIGHT	ZONES								
	1st ZONE LOCAL RATE	2d ZONE 150 M.	3d 300 M.	4th 600 M.	5th 1000 M.	6th 1400 M.	7th 1800 M.	8th 2000 M.	9th 2500 M.
1 pound	\$0.05	\$0.05	\$0.05	\$0.08	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2 pounds	.06	.06	.06	.11	.11	.11	.17	.21	.24
3 pounds	.06	.07	.07	.10	.10	.10	.20	.25	.31
4 pounds	.07	.08	.08	.12	.12	.12	.26	.33	.40
5 pounds	.07	.09	.09	.14	.13	.13	.32	.41	.50
6 pounds	.08	.10	.10	.16	.15	.15	.38	.49	.60
7 pounds	.08	.11	.11	.18	.17	.17	.44	.57	.70
8 pounds	.09	.12	.12	.20	.19	.19	.50	.65	.80
9 pounds	.09	.13	.13	.22	.21	.21	.56	.73	.90
10 pounds	.10	.14	.14	.24	.23	.23	.62	.81	1.00
11 pounds	.10	.15	.15	.26	.25	.25	.68	.89	1.11
12 pounds	.11	.16	.16	.28	.27	.27	.74	.97	1.24
13 pounds	.11	.17	.17	.30	.29	.29	.80	1.05	1.31
14 pounds	.12	.18	.18	.32	.31	.31	.86	1.13	1.48
15 pounds	.12	.19	.19	.34	.33	.33	.92	1.21	1.56
16 pounds	.13	.20	.20	.36	.35	.35	.98	1.29	1.64
17 pounds	.13	.21	.21	.38	.37	.37	1.04	1.37	1.71
18 pounds	.14	.22	.22	.40	.39	.39	1.10	1.45	1.81
19 pounds	.14	.23	.23	.42	.41	.41	1.16	1.53	1.91
20 pounds	.15	.24	.24	.44	.43	.43	1.22	1.61	2.01
21 pounds	.15	.25	.25						
22 pounds	.16	.26	.26						
23 pounds	.16	.27	.27						
24 pounds	.17	.28	.28						
25 pounds	.17	.29	.29						
26 pounds	.18	.30	.30						
27 pounds	.18	.31	.31						
28 pounds	.19	.32	.32						
29 pounds	.19	.33	.33						
30 pounds	.20	.34	.34						
31 pounds	.20	.35	.35						
32 pounds	.21	.36	.36						
33 pounds	.21	.37	.37						
34 pounds	.22	.38	.38						
35 pounds	.22	.39	.39						
36 pounds	.23	.40	.40						
37 pounds	.23	.41	.41						
38 pounds	.24	.42	.42						
39 pounds	.24	.43	.43						
40 pounds	.25	.44	.44						
41 pounds	.25	.45	.45						
42 pounds	.26	.46	.46						
43 pounds	.26	.47	.47						
44 pounds	.27	.48	.48						
45 pounds	.27	.49	.49						
46 pounds	.28	.50	.50						
47 pounds	.28	.51	.51						
48 pounds	.29	.52	.52						
49 pounds	.29	.53	.53						
50 pounds	.30	.54	.54						

## Parcel Post Table

# Drumm's SEEDS, FLOWERS, TREES and PLANTS Are Dependable





# The Aquarium

A well regulated aquarium adds an elegance to any place and is one of the most desirable ornaments for the parlor, library, sitting or dining room. It offers a wide opportunity for the study of nature, the motion of animal life, eliciting the admiration of all, while affording instructive amusement for the children. The fishes require very little attention, and live a great many years. We feel safe in saying they are the handsomest parlor ornaments which can be obtained.

We carry in stock the following varieties of Gold and Fancy Fish listed below. All are selected with the greatest care to secure the best qualities only.

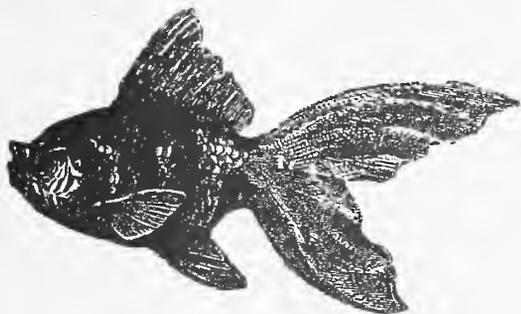
We ship to different points in Texas and adjoining States, and they always reach their destination in good shape.

**Gold Fish.**—Extra size and color.

While there are many varieties of Gold Fish, as shown in our list quoted, we refer to the plain variety only by this name. These are more popular than the fancy sort, being hardy and generally satisfactory. We offer this class in extra size and good coloring at 35c, 50c, 75c and \$1.00.

**Japanese Fringe Tails.**—These fish are the most beautiful of all aquaria fish having drooping tails and fins. Very rare and hard to obtain. We can furnish select specimens at \$1.00 to \$5.00 each.

**Japanese Fan Tails.**—By far the most popular of all fancy fish. The tail is V shaped and frequently divided, so that it might be called two distinct tails. \$1.00 and \$1.50; fine specimens, \$2.50.



Japanese Fan Tail.

**Gorgeous Tails.**—They are without doubt the most graceful in their movements of all aquaria fish. Price, 50c, 75c and \$1.00.

**Comets.**—This variety of fish is often called "Long Tailed Beauties" on account of the movement of their long graceful tails. Price, \$1.00 to \$2.50.

**Shells.**—Very attractive for aquariums; assorted sizes, 20c per box.

**Shipping Buckets.**—Unless you order a fish globe with your fish, it will be necessary to ship them in a bucket or can. For this purpose we offer 2 or 3 quart tin buckets for holding six medium-sized fishes or less, at 20c each; 4-quart, 35c; 6-quart size, which will hold twelve medium-sized fishes, 50c each. Can for twenty-five fishes, 65c.

**Fish Globes.**—They are handsomer than the ordinary fish globes, being French ground glass. Capacity, about 1½ gallons, \$1.50; capacity about 2 gallons, \$2.00; capacity about 2½ gallons, \$2.50; capacity about 3 gallons, \$3.00. Small globes, 75c and \$1.00.

**Aquarium Castles.**—A great variety of styles and sizes, 50c, 75c, 85c, \$1.00, and \$1.50.

**Prepared Fish Food.**—The best food for all kinds of Gold Fish. It does not sour or spoil in the water. Per box, 15c.

Fish moss should always be in the fish globes. Small package mailed 10c, treble the quantity, 25c.



## Aquatic Plants for Aquariums

It is absolutely essential for the welfare of the fish that sufficient plants be grown in the aquariums to supply them with air. The list of plants offered below are the best known oxygenators, and there should be at least one plant to every two gallons of water.

**Cyperus Alternifolius.**—An excellent plant for growing in water or damp places; will thrive in any good soil, and always present a green and attractive appearance. 15c and 25c each; \$1.50 and \$2.50 per dozen.

**Elchornia Crassipes Major** (Water Hyacinth).—A very free-growing and showy floating aquatic, bearing flowers of a delicate lilac-color in trusses like a hyacinth; does splendidly outdoors in summer. 15c each; \$1.50 a dozen.

**Limnocharis Humboldtii** (The Water Poppy).—A pretty little aquatic with floating leaves and yellow poppy-like flowers; makes a fine show in a tub or pond all summer. 15c each, \$1.50 per dozen.

OUR BUSINESS IS INCREASING BY LEAPS AND BOUNDS

# Canary Birds and Supplies

**American-Bred Canaries from Imported Stock.**—This sweet songster is the most popular favorite of all the songbirds, not only in America, but throughout all civilized countries. They will doubtless always continue to hold first place in the affection of all lovers of birds. It is the brightest, liveliest and naggiest little creature imaginable, perfectly contented to make his home in a small cage. This strain of birds have a beautiful plumage, clear, flute-like voices, and we are safe in saying that we are offering the best bird in the world for the least money. \$10.00 to \$25.00 each.

**Bird Tonic.**—It has been frequently asserted that birds in their natural state are never sick, but this belief is unfounded. Birds that are kept in confinement are exposed to more maladies than those that live at large, and to meet this evil we have prepared a bird tonic which is a stimulant and invigorates the bird, and in this way assists it to recover from any bird ills. Price per bottle, 30c.

**Bird Manna.**—Improves the voice wonderfully. 20c by mail.  
**Nestling Food.**—25c pkge.

### BIRD SEED.

**Sunflower.**—Pound, 40c, postpaid.

**Sunflower and Hemp Mixed.**—For parrots. Pound, 40c, postpaid.

**Hemp.**—Pound, 40c, postpaid. **Rape.**—Pound, 35c, postpaid.

**Canary.**—Pound, 40c, postpaid. **Bird Gravel.**—Package, 15c, postpaid 25c.

Our mixed bird seed is put up according to the best formula for the health of the birds, from the cleanest and choicest seeds. Pound, 40c, postpaid.

**Cuttle Fish Bone.**—10c each.

**Bird Nests.**—15c each, 2 for 25c.

**Bird Nesting.**—Per pkg, 10c.

**Bird Baths, Opal.**—Each, 20c.

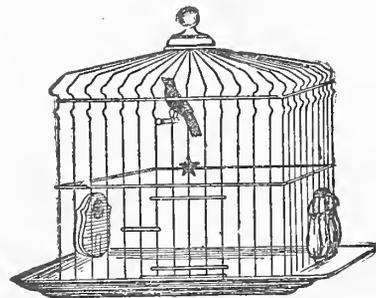
(Please add postage to above prices.)

**Wall Brackets for Hanging Cages**—35c each.

**Bird Cages.**—Brass cages; handsome, solid brass, with all the fittings. Price, \$7.50 to \$10.00.

**Japanned Cages in Colors.**—Price, \$2.50, \$3.25, \$4.75 and \$6.00

**Bird Feed and Water Cups.**—15c



**Parrot's Feather.**—A dainty little jewel. Its trailing stems are covered with whorls of most exquisite foliage, as finely cut as the leaves of the cypress vine, but still more delicate. Price, each 15c.

The Parcel Post Law now in effect has so materially reduced the cost of transportation that we can deliver at the prices named in our catalog any seed by packages, ounce or pound, or any pot plants from 2½-inch pots to your home at the price quoted in this catalog.

This in no way implies trees, evergreens, hanging baskets, gold fish, incubator requisites, chicken feeders or any other bulky matter. On the articles above named, we deliver free to your Postoffice, and if you live on a rural route, merchandise will be delivered to your door.

## Here's a Sure Way to Make Hens Lay

Eggs will undoubtedly be higher in price this year than ever before. If you can keep your hens laying, this is your opportunity to make money.

Don Sung (Chinese for egg laying) is a new scientific discovery for hens that stimulates the egg-laying organs and makes the hen healthy, strong and vigorous. As a result, she lays regularly in any season.

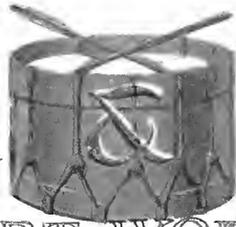
Don Sung is easily given in the feed, and costs nothing to try. It doesn't force or hurt the hen in any way. In fact, it makes her healthier. It is used by thousands of successful poultry raisers the world over.

PRICE 50 CENTS

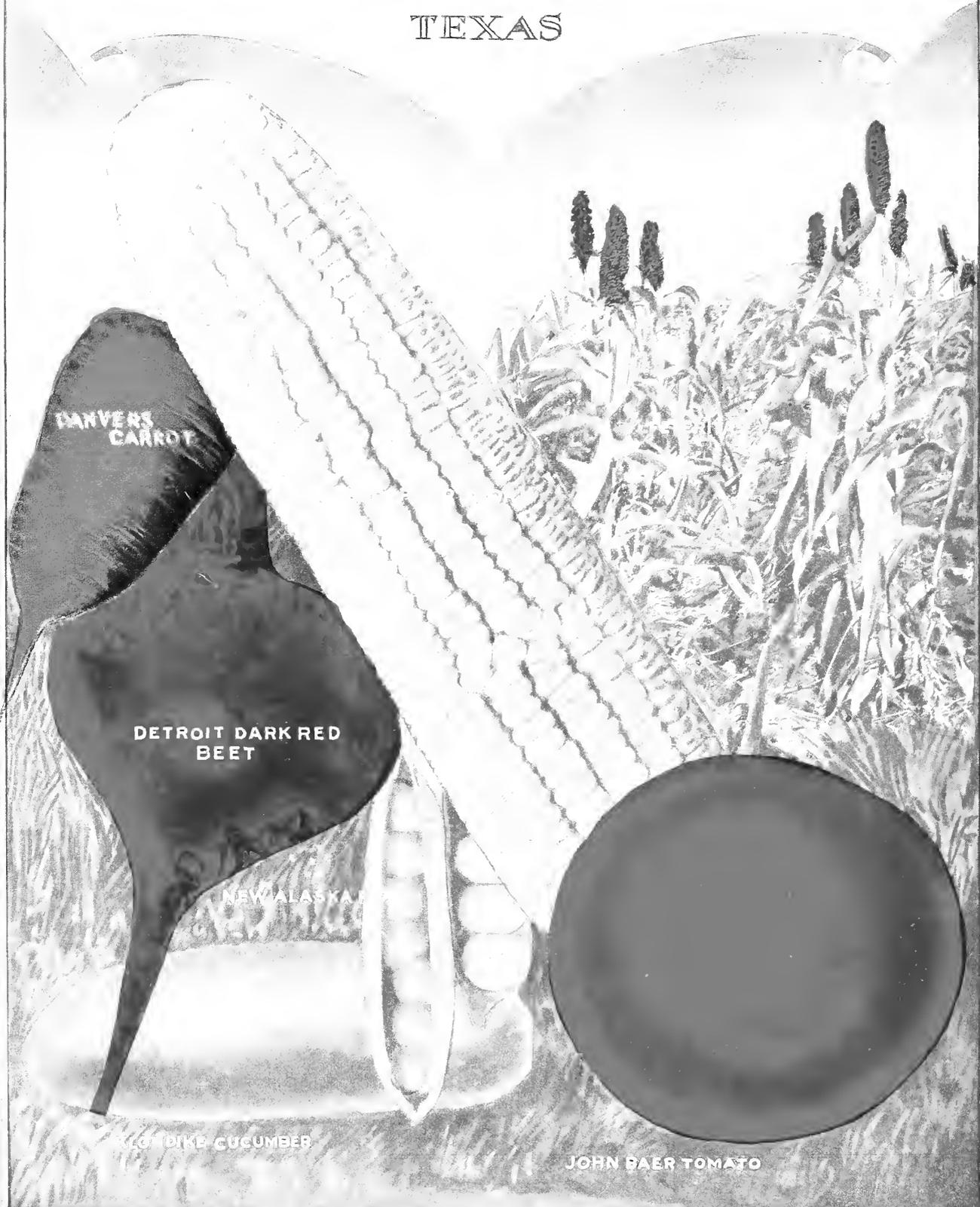
Large Size, \$1—Holds 3 times the 50c size.

Special Size, \$5—Holds 6 times the \$1 size.

# DrumSeed & Floral Co.



FORT WORTH  
TEXAS



DANVERS  
CARROT

DETROIT DARK RED  
BEET

NEW ALASKA

1 1/2 DIKE CUCUMBER

JOHN DAER TOMATO