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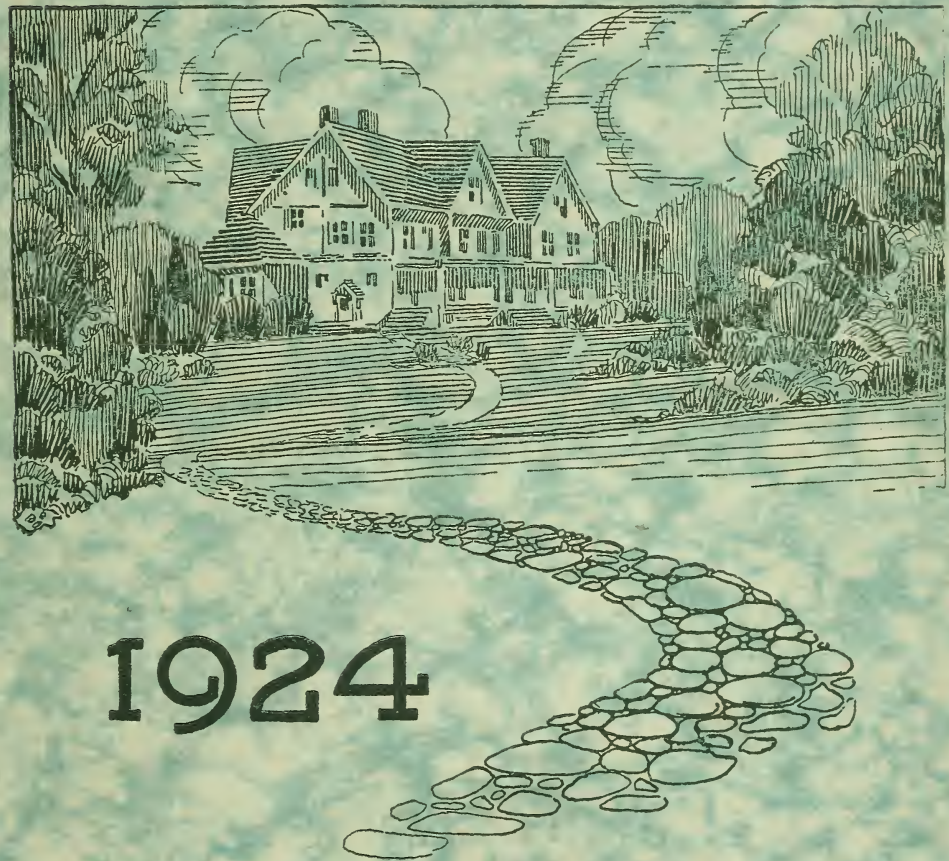
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# SEED ANNUAL



## ST. LOUIS SEED COMPANY

The Home of "PURE AND SURE" SEEDS

411-13 Washington Ave.

ST. LOUIS, MO.

# SUGGESTIONS FOR ORDERING

## ORDER EARLY

WE WISH TO IMPRESS UPON YOU THE ADVANTAGE OF EARLY ORDERING. It is not only a convenience to us but it is also for your sake that we request this. Avoid the spring rush and have your seeds when you want them. They will not spoil, and the delay necessarily attendant during the spring will be eliminated. You will not be waiting for your seeds, when you should be planting. Our service will please you even during the busy season. Send your order now.

Unknown correspondents desiring to open an account will furnish three references from parties in the trade with whom they have had credit relations, otherwise cash must accompany order.

Remittances should be made by Post-Office Money Orders, Drafts on St. Louis Banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

In filling out your order always give Shipping Directions, and write Name and Address distinctly on each and every order.

PARCEL POST—Customers living on R. F. D. routes, and beyond express delivery, will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

ALL PRICES on VEGETABLE SEEDS are net, but on PACKETS, OZS., and ¼ lbs. WE PREPAY POSTAGE.

PURCHASER PAYS TRANSPORTATION on Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; also Seed by pound, gallon, peck and bushel.

EXPRESS AND FREIGHT CHARGES on large quantities, are cheaper than Parcel Post. We charge no cartage to depots or the Express Company offices, nor do we charge for boxes, packing or for small muslin bags.

When seamless cotton bags are required they must be remitted for; 45c each. Burlap, 15c each.

## PARCEL POST RATES FROM ST. LOUIS

| United States Parcel Post Rates<br>(Seeds, plants and bulbs included) | First pound or fraction | Each additional pound or fraction | Packages must not exceed 84 inches (length and girth combined). |
|---|-------------------------|-----------------------------------|---|
| Local Rate.....   | \$0.05                  | \$0.00½                           | Limit of weight this zone, 70 lbs.                              |
| 1st Zone, within 50 miles of St. Louis.....                           | .05                     | .01                               | Limit of weight this zone, 70 lbs.                              |
| 2d Zone, over 50 and under 150 miles.....                             | .05                     | .01                               | Limit of weight this zone, 70 lbs.                              |
| 3d Zone, over 150 and under 300 miles.....                            | .06                     | .02                               | Limit of weight this zone, 50 lbs.                              |
| 4th Zone, over 300 and under 600 miles.....                           | .07                     | .04                               | Limit of weight this zone, 50 lbs.                              |
| 5th Zone, over 600 and under 1000 miles.....                          | .08                     | .06                               | Limit of weight this zone, 50 lbs.                              |
| 6th Zone, over 1000 and under 1400 miles.....                         | .09                     | .08                               | Limit of weight this zone, 50 lbs.                              |
| 7th Zone, over 1400 and under 1800 miles.....                         | .11                     | .10                               | Limit of weight this zone, 50 lbs.                              |

All small Parcel Post packages (seeds, plants and bulbs included), weighing 4 ounces or less, can be sent at the special rate of 1 cent for each 2 ounces or fraction to all parts of the United States. (Over 4 ounces must be sent at Parcel Post rates.)

Kindly Remit for Postage when it is necessary.

## ABOUT WARRANTING SEEDS

Though the utmost care is used in grading and selection, we cannot be absolutely certain of the description or quality of seeds or plants, nor can we forecast the conditions under which they may be grown. Therefore, it is impossible to give any guarantee, and the contents of our packages are sold with that understanding. We shall gladly refund your money if you prefer not to accept the goods on those terms.

ST. LOUIS SEED COMPANY

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## ST. LOUIS SEED CO. HAVALAWN GRASS SEED

ESPECIALLY ADAPTED TO THIS LOCALITY AND WILL INSURE A FINE, VELVETY LAWN

EVERY PACKAGE BEARS OUR GREEN LABEL NO OTHER IS  
GENUINE, AND WE WILL PROSECUTE ALL INFRINGEMENTS.

**T**O INSURE a perfect lawn, there are several requisites; a good depth of rich soil, properly drained, a liberal dressing of good fertilizer; a firm, smooth surface upon which to sow the seed and **Havalawn** Grass Seed. The latter item is of the greatest importance.

**Havalawn** is a mixture of the hardiest grasses that enter into any grass seed mixture. **Havalawn** insures a steady succession of growth—there will be no break in the richness of the verdure from Spring until Winter. Its success has best proved its quality. **Havalawn** is the one perfect lawn seed. **Havalawn** provides that velvety, smooth green lawn that wins the admiration of all who see it for it is mixed from the seeds that produce the best lawns.

Year after year, a steady demand for **Havalawn** has made it stand out as the one real mixture. Its component parts are such seeds as help build a deep-rooted soil; that come up quickly to start the lawn; that keep the smooth lawn fresh and bright all through the summer. Only seeds that produce fine velvety lawns are used. Timothy and orchard grass are excluded on account of their coarseness.

Don't take a chance this spring with cheap grass seed or you will have more weeds than grass. Remember, **Havalawn** is all re-cleaned seed and you know when you plant **Havalawn** that you will have a lawn of which you can be proud.

Price: ½ lb., 30c; 1 lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50; 25 lbs., \$10.50.

A SMOOTH LAWN AND FLOWERS WILL ADD MUCH BEAUTY TO YOUR HOME.



# ST. LOUIS SEED CO.'S LAWN GRASS SEEDS

In 100 pound lots, write for prices.

One Lb. will sow 300 Square Feet. 50 Lbs. to the Acre.

A SMOOTH, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is as satisfactory as any investment a home-owner can make. A lawn may be made in two ways, by sodding or by sowing seed. Sodding is not only very expensive, but unsatisfactory as well. Sodds are ordinarily taken from a pasture or along the roadside and almost invariably contain weed seeds and coarse, tufted grasses which appear after the lawn is made. Seeding is not only more economical, but is attended with better results.

## BERMUDA GRASS

Is a dwarf perennial plant and spreads by means of its long and many-jointed root stalks, and for this reason is hard to eradicate once it has secured a foothold; thrives during the hottest part of the year, and will live under water for a long time. Makes a durable lawn and is also used to hold embankments. Price: ½ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.75.

## CANADIAN BLUE GRASS

Resembles somewhat the Kentucky Blue Grass, but is not of so good quality. It is grown very extensively in Canada and some parts of the United States. Price: ½ lb., 25c; 1 lb., 40c; 3 lbs., \$1.15; 10 lbs., \$3.50.

## ENGLISH RYE GRASS

It grows rapidly and makes a good showing within month from time of sowing. Valuable for planting early on dry hillside. Price: 1 lb., 30c; 3 lbs., 85c; 10 lbs., \$2.50.

## FANCY KENTUCKY BLUE GRASS

This famous grass is well known in all sections. It generally grows well on any stiff or loamy soil, fertile and well drained, in Central and Northern States. Kentucky Blue Grass is at its best in the Spring and Fall months, but being rather sensitive to heat, does not grow luxuriantly during Summer. It takes a considerable time to get a good stand of this, as it grows very slowly at the start, but, when once established, forms a close compact turf, making a fine lawn. Price: ½ lb., 30c; 1 lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50; 25 lbs., \$10.50.

## GOOD RESULT MIXTURE

This is intended for back yards, large playgrounds, etc., and where grass is wanted quick to cover unsightly places. Price: ½ lb., 20c; 1 lb., 35c; 3 lbs., \$1.00; 10 lbs., \$3.00.

For Other Grasses, See Page 36.

## GOLF LINKS MIXTURE

We have given much attention to Grasses for Golf Courses. This Mixture is composed of foreign Grasses that thrive here, with the addition of several fine American varieties. By the use of this Mixture, and with proper care, the finest Fair Greens and Putting Greens in the world can be successfully rivaled. If conditions are favorable, a good playing turf may be secured in eight weeks. Price: 1 lb., 60c; 5 lbs., \$2.75; 25 lbs., \$12.50.

## PUTTING GREEN MIXTURE

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low growing and most hardy kinds, and maintain their rich, green color throughout the season. Price: 1 lb., 60c; 5 lbs., \$2.75; 25 lbs., \$12.50.

## ST. L. S. CO.'S SHADY LAWN MIXTURE

This mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. This mixture is a combination of fine dwarf-growing ever-green varieties of grass, which grow naturally in the woods or in shaded spots. Sow thickly. Price: ½ lb., 35c; 1 lb., 60c; 3 lbs., \$1.75; 10 lbs., \$5.50.

## WHITE OR DUTCH CLOVER

A low, close-growing clover; round, white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. Price: ½ lb., 50c; 1 lb., 90c; 3 lbs., \$2.65.



**PULVERIZED SHEEP MANURE**—As a top dressing for lawns there is nothing better. Promotes a steady and rapid growth in vegetable garden. For garden and field crops, 1 to 2 tons per acre—Fall or early Spring.

For Lawns use 100 lbs. to 1000 square feet.

For Flower Beds and Vegetable Gardens, before planting, use 50 lbs. to 500 square feet.

For Mixing Potting Soil, use 1 qt. to 20 qts. of earth. Price: 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75.

**BONE MEAL**—For top dressing for lawns, pastures and meadows; also for use in the vineyard and about fruit trees and bushes. It carries ammonia and phosphoric

# FERTILIZERS

## FOR LAWN, GARDEN, FIELD AND HOUSE PLANTS

A fertile soil Insures Success

acid. Use 400 to 600 lbs. per acre. Price: 10 lbs., 65c; 25 lbs., \$1.50; 50 lbs., \$2.50; 125 lbs., \$5.00.

**HUMUS**—For top dressing on gardens and lawns, 50 lbs., \$1.00; 100 lbs., \$1.75.

**PULVERIZED POULTRY MANURE**—One of the best pulverized fertilizers for lawns, flowers and vegetables. For vegetables, gardens, etc., 50 pounds to 500 square feet. Price: 25-lb. bags, \$1.15; 50-lb. bags, \$1.75; 100-lb. bags, \$3.00.

**HYDRATED LIME**—Hydrated Lime used for top dressing on lawns and mixing soil for potting plants; 50 lbs. to cover 1,000 square feet. Price: 10 lbs., 35c; 50 lb. bag, 90c.

**PULVERIZED LIMESTONE**—As a crop-producer we hardly believe it has an equal. It is made from the purest crystalline white limestone obtainable. Bag of 100 lbs., \$1.50.

For Other Fertilizers, See Page 79.

## General List of Highest Grade Vegetable Seeds

IT HAS always been our endeavor to list only such sorts of vegetable seeds as, from our tests and experience, we have found to be of superior merit. In many instances, we have stricken out varieties that were out-of-date but have always listed a superior sort that we could honestly recommend as better for the home garden as well as for the market gardener.

To the market gardener, we know that he is well acquainted with the varieties and the various vegetables that prove the most satisfactory and profitable for his neighborhood. To him we can only say that "Pure and Sure" Seeds of any variety he plants will be the best investment he can make.

Our sources of supply are the very best and our strict tests for germination and vitality assure all who plant "Pure and Sure" Seeds that as far as the seeds are concerned all that human hands can do to make them the very best has been done.

With this in mind, we are sure you will not hesitate about sending us your order for seeds for the coming spring, and we in turn have no doubt that you will ever be disappointed with the results from "Pure and Sure" Seeds.

### ASPARAGUS

**One ounce will sow about 50 feet of drill.**

THE asparagus seed furnishes the first green delicacy for our table in the Spring, is universally popular, and requires but little care for its successful cultivation.

To secure the choice early stalks the land selected for an Asparagus bed should be a warm rich loam, preferably exposed to the South. Manures and fertilizers must be used lavishly to secure the best results. Plants can be easily raised from seed.

We also offer the roots two years old, which will become established in a single season. One ounce of seed will sow about 50 feet of drill. For the home garden, set the plants about 12 inches apart and about 3 feet between the rows.

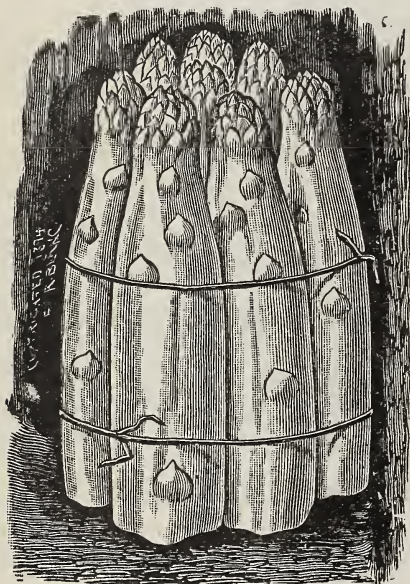
When ordering, ask for our free leaflet on Asparagus Culture.

**WASHINGTON—The New Giant Rust-proof Variety.** This new sort is the result of many years work in plant breeding by the U. S. Department of agriculture. The Washington is a rust-resistant, vigorous, high yielding strain of Giant Asparagus. Plants grow rapidly and produce uniformly long shoots of superior table qualities. An asparagus bed is a permanent investment, therefore plant the best obtainable, whether you figure on a small bed in your home garden or on a ten acre field for market. **Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00.**

**EARLY GIANT ARGENTEUIL**—This variety has thus far been free from rust. Very early, producing an even growth and a large yield. **Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

**PALMETTO**—Light green, heavy-yielding, early producing, large clear stalks of excellent quality. Very early. **Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

**ASPARAGUS ROOTS**—The easiest way to start your Asparagus Bed. Two-year-old roots. **Price: Doz., 25c; 4 oz., for 90c; 100 for \$1.75.**



**ASPARAGUS—By Hexamer.** A reliable treatise on Planting, Cultivating, Cutting and Use of Asparagus. Price, \$1.25 postpaid.

### ARTICHOKE

**CULTURE.**—In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart and two feet apart in the rows. Should give globes the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt; will mature the second year.

**GIANT GREEN GLOBE**—Produces large globular heads, thick, succulent scales, the bottom of which is the edible part. Boiled till tender, it makes a delicious dish. **Price: Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50**



**Giant Green Globe Artichoke**

## DWARF or BUSH BEANS

2 pounds will plant 200 feet of drill.

NOTE: If in the market for 50 lbs., or over, write for price.

**CULTURE**—Plant about the first of May in rows, placing the seeds 2 to 3 inches apart in drills about 2½ inches deep. The rows should be about 2½ feet apart, and the soil slightly hilled, to insure good drainage and keep the Beans from touching the ground. Most Beans should be picked when about 4 inches long. Frequent pickings insure a more prolonged bearing season. Avoid jerking the plant, as this frequently disturbs young feeding roots. Use the finger-nails to sever the stems. Do not pick when bushes are wet, as this may cause blight and rust. For succession plant every two weeks up to August 1.

### GREEN PODDED VARIETIES

At the following prices on Beans, packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; if wanted by parcel post, add postage at rate. (See inside front cover.)

**MOHAWK EARLY**—Hardest of any early Bean; will stand a slight frost and for this reason is excellent for the market gardener. Vines are large with coarse leaves; pods, long, straight, flat and green. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.45.

**BLACK VALENTINE**—A Bean which has been planted extensively in the South on account of its heat-resisting qualities. Matures early, producing long, round, straight pods, which are tender when quite young. Few Beans are greater yielders. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.45; 10 lbs., \$2.50.

**FULL MEASURE**—In great demand in the eastern states. Fine stringless medium green pod of high quality. The pods are straight, 6 inches long, very fleshy, almost round, crease-backed, and are tender. It is a prolific sort, the heavy pods producing throughout a long season. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.60.

**LONGFELLOW**—Remarkably early and has excellent flavor; its delicacy remains almost intact when prepared for the table. The pods are about six and one-half inches long, pale green in color, straight and round; very productive and crop matures very regularly. Beans are small, mottled dark red. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.45; 10 lbs., \$2.50.

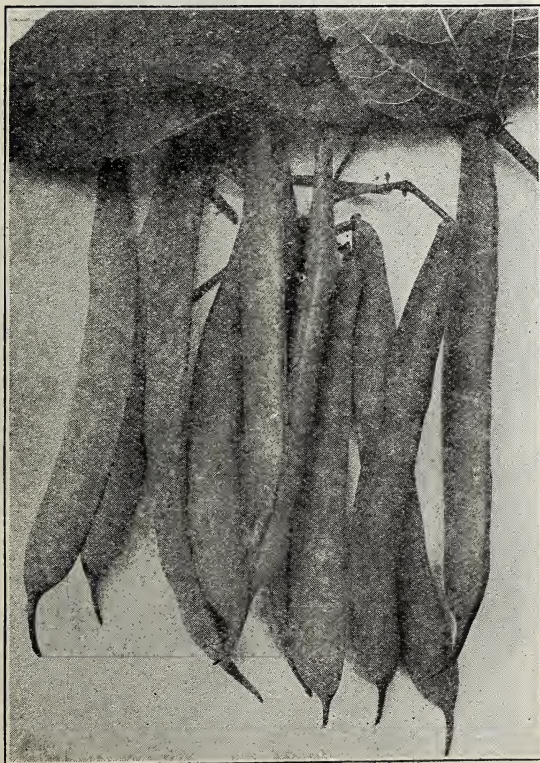
**ST. L. S. CO.'S STRINGLESS BOUNTIFUL**—This superior variety is a distinct improvement in green Bush Beans and has become exceedingly popular wherever known. The merits of this bean may be summed up in the following: Rich, green flat pod, of a large size, solid, meaty and of a delicious flavor. The pods are extra long and of a uniform shape and size. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.60.

**VALENTINE, IMPROVED EARLY ROUND POD**—One of the best extra early for home use or market. Extra early and is usually ready for harvesting from thirty-five to forty days after planting. A fine variety for Midsummer sowing to ripen in September. Vines strong and vigorous; pods green, medium length, curved, with creases in the back, very fleshy, crisp and tender. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.45; 10 lbs., \$2.50.

**STRINGLESS GREEN POD**—Valuable for home garden or for market. It is valuable for its extreme earliness and is absolutely stringless, which makes it one of our best extra early Beans, and wonderfully productive; pods of handsome appearance and finest quality. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.60;

**GIANT STRINGLESS GREEN POD**—Pods greatly resemble those of Stringless Green-Pod. Fully an inch longer in size but not quite so early. A variety that is largely grown for the market on account of its size and splendid shape. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.45; 10 lbs., \$2.50.

**WHITE NAVY**—The famous little white soup bean that needs no further introduction. Very prolific and a sure cropper. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.15; 10 lbs., \$2.00.



Full Measure

### MAKE GARDENING A REAL PLEASURE

BY MAKING up your order from this catalog, for your spring garden, we are sure you will have satisfaction, as we list only standard varieties of seeds which are used by the leading market-gardeners.

Plant our "Pure and Sure" Seeds for best results.

## WAX-PODDED BUSH BEANS

NOTE: If in the market for 50 lbs., or over, write for price.

At the following prices on Beans, packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; if wanted by parcel post, add postage at rate on inside front cover.



**GOLDEN WAX**—One of the best for home garden. Pods long, nearly straight, broad, flat, golden, yellow and very fleshy. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

## POLE BEANS

**CULTURE**—Pole beans are more sensitive to cold than the bush kinds, and should not be planted before the ground is warm—in this latitude, after May 1st. Set poles 6 to 8 feet long, 3 to 4 feet apart, in 4-foot rows and plant five or six beans 2 inches deep around each pole.

**ST. L. S. CO.'S WHITE CORNFIELD**—In this Pole Bean we have one that far surpasses anything on the market. This Bean is a cross between our regular White Cornfield and Kentucky Wonder; it is a fine long, round thick and meaty green pod, with a white bean. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 5 lbs., \$1.60.

**KENTUCKY WONDER, OR OLD HOMESTEAD**—Undoubtedly the earliest and most productive, bearing in great quantities clusters of light green pods, long, meaty and of excellent flavor. Can be grown with corn to good advantage. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 5 lbs., \$1.60.

**MISSOURI WHITE CORNFIELD**—A fine long, green, round pod of superior quality. Beans are white and mealy, a fine boiling or baking variety. Grown quite extensively for market gardening and home use. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

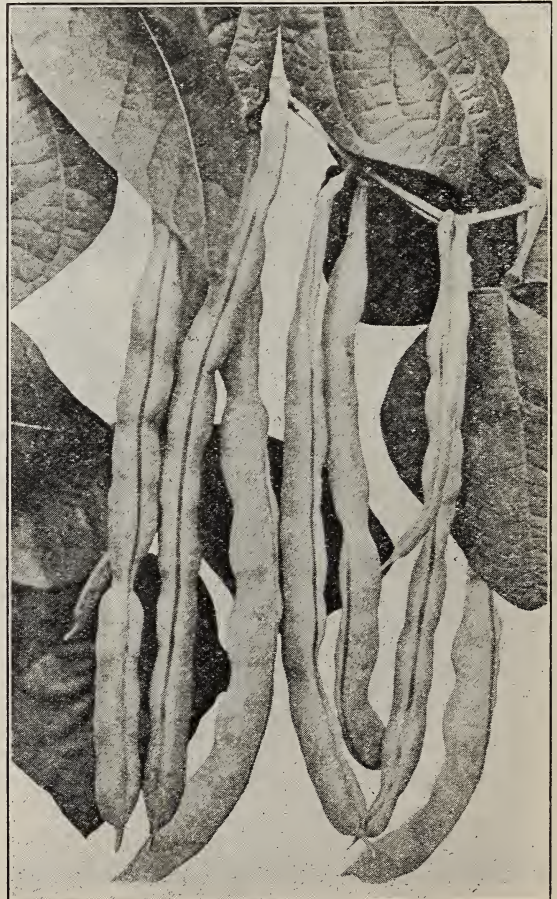
**LAZY WIFE**—The pods are of a medium dark green color and grow from 5 to 7 inches in length. They are broad, thick and very fleshy, and are entirely stringless. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 5 lbs., \$1.60.

**ST. L. S. CO.'S WHITE WAX**—This round-podded Dwarf Wax Bean has attained the top notch among Beans of this class. It produces no culls, the pods average five to six inches in length, which is unusually large for a round-podded, wax variety; they are very solid, meaty and tender, free from string, breaking brittle, and the flavor is unsurpassed. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 25c; 1 lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.00.

**DAVIS WAX**—A very hardy and productive variety. Pods invariably long,  $6\frac{1}{2}$  or 7 inches, light yellow, straight and handsome and when young are crisp and tender. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

**KIDNEY WAX, WARDWELL'S**—Vines are very large,, strong and vigorous, bearing long, straight, wax-like pods. Dry beans are large, kidney-shaped, white dark-marked about the eye. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

**ST. L. S. CO.'S PENCIL POD BLACK WAX**—Of all black wax beans, this variety surpasses all others. For market gardeners as well as for home use it cannot be surpassed. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.



St. L. S. Co.'s White Cornfield

**LIMA BEANS** (Dwarf Bush)

2 Lbs. will plant 200 feet of drill

**PLANT** in light, rich soil, drills 2 feet apart, dropping the seeds about 1 foot apart in the row and cover 2 inches.

**BURPEE'S BUSH LIMA**—A true bush form, growing 18 to 20 inches high. An immense yielding variety, each bush being laden down with Large Limas of the most luscious flavor. Its vigorous growth and large pods make it stand out as one of the finest Bush Limas. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.

**FORDHOOK BUSH LIMA**—The Fordhook produces a strong, true bush-like growth, branching freely with all the branches held upright. Beans of the most delicious flavor. The pods contain three to five beans with an average of four. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.

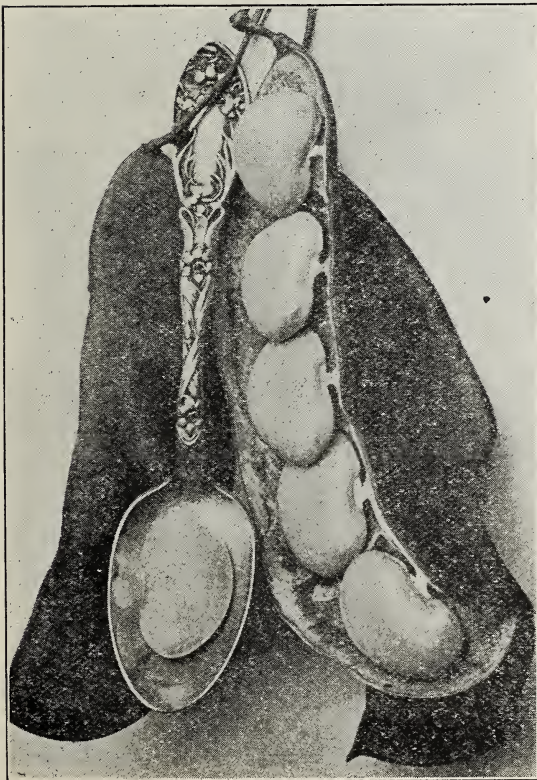
**HENDERSON'S BUSH LIMA**—A famous variety, grows in compact bush form and produces enormous yields of delicious Lima Beans. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

**NEW IMPROVED BUSH LIMA**—Similar to the Burpee's Bush Lima, except in size it is smaller. The sturdy bushes are loaded with large, well-filled pods. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.

**BROAD WINDSOR**—An old-fashioned English shell Bean. This Bean is very hardy; it should be planted as early as the ground will permit. Dry beans very large and yellowish green. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 45c.



New Improved Bush Lima.

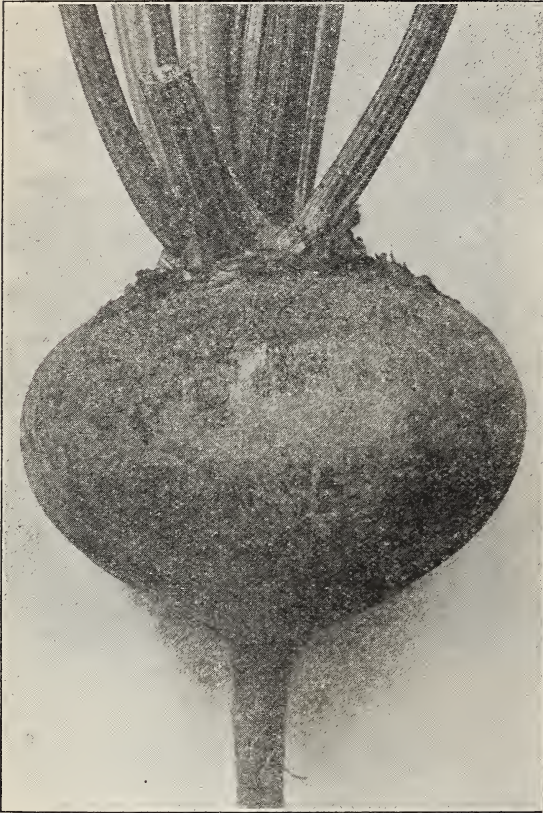
**POLE LIMA BEANS**

**CULTURE**—A warm, sandy loam, enriched with well rotted stable or poultry manure is best. Must not be sown until the ground is warm and dry. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans to a pole, 2 inches deep.

**ST. L. S. CO.'S GENUINE BUTTER**—These beans have a creamy-white color, in large pods, and are far more delicious than the ordinary Lima Bean. The vigorous vines, with plenty of pods, will supply you with the most delicious Butter Beans you ever tasted. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.

**KING OF THE GARDEN**—The true "King" of the Limas. Stronger and more productive than any of the large White Limas and is the favorite of the market gardeners on account of its long, well-filled pods, which are numerous and of mammoth size. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$1.90.

**EXTRA EARLY JERSEY**—Very productive and of fine quality. It is especially valuable to those residing in districts where the season is too short to produce later ones as it is from 10 to 15 days earlier than any other pole Limas. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$1.90.



Early Wonder.

**DETROIT DARK RED**—(Select Strain). This superb variety is one of the most popular red Turnip Beets, not only for market gardeners, but for home use. It is also one of the best for canning, making a strikingly handsome product, far superior to that obtained from any other variety. The small top, early maturing and splendid shape and color have made it a favorite. Root globular and very smooth. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**IMPROVED CRIMSON GLOBE**—A handsome variety of medium size and entirely free from rootlets, as its name implies, it is a perfect globe-shaped Beet, dark blood red color, smooth skin, sweet and tender. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c.

**DEMAND'S BLOOD TURNIP**—A second-early variety of good flavor. A handsome, clean, turnip-shape blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

## MANGEL WURZEL

For Stock Feeding.

**CULTURE**—Sow 4 pounds to the acre in May or June, in rows three feet apart, and thin to nine inches in the row. Cultivate frequently with horse tools.

**GOLDEN TANKARD**—The best yellow for stock feeding. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**MAMMOTH LONG RED**—This is the largest of all the Mangels; grows to an enormous size and will yield more tons per acre than any other variety. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**GIANT HALF SUGAR MANGEL**—A good variety for stock feeding. Roots grow partly above ground. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

## BEETS

One ounce will sow 100 feet of drill; 5 to 6 lbs. to the acre.

Price Postpaid.

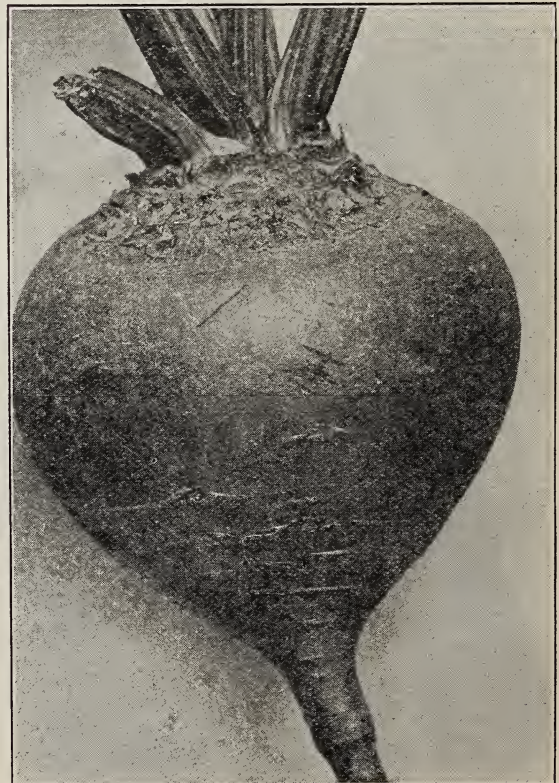
**CULTURE**—Seed should be sown the first part of April. The ground should be spaded well and deep, placing rows about 18 inches apart, and the drills 1 inch deep. Cover the seed carefully and firm in the ground by walking over the drills. When seedlings appear about 3 inches above ground, thin out to about 4 inches between the plants so as to give ample room for the proper development of the bulbs. Successive sowings may be made up to the middle of July.

**EARLY WONDER**—One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red color, globular-shaped root, small-sized top, and clean tap-root, make it valuable for market garden. Are of attractive appearance, uniform size, shape, and color. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c.

**EXTRA EARLY EGYPTIAN**—An early variety, which is suitable for forcing and growing in the open garden. The tops are small and the Beets are rounded on top, but flat at bottom end. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c.

**CROSBY'S EGYPTIAN**—(Select Strain). One of the earliest and best strains of Beets, of a deep red color. We recommend our strain of Crosby's Egyptian as it is a distinct improvement over the older forms of Egyptian Beets. It is the favorite of the market gardeners. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c.

**LONG SMOOTH BLOOD-RED**—A most excellent keeper, grows to good size, half out of ground. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c.



Detroit Dark Red

## SWISS CHARD OR SPINACH BEET

**CULTURE**—Same as for beets; transplant 12 inches apart in rows 18 inches apart. Sow seeds in the Spring, as for common beets.

Grown for its leaves only; one of the best early greens. Cook the leaves as you do spinach and the stems in cream as asparagus. Leaves grow to enormous size, 20 inches to 2 feet in length.

**SWISS CHARD**—The plants grow from 2 to 2½ feet tall and consist, when fully developed, of about a dozen creamy white, attractively smooth leaves. These leaves are carried on broad, thick stalks. **Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

**LUCULLUS**—A moss curled variety. Very large leaves and the middle ribs can be served as Asparagus. **Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

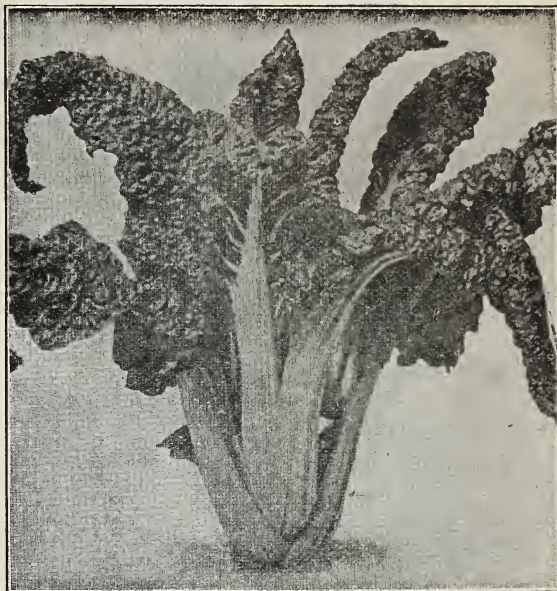
## BRUSSELS SPROUTS

**THE** very best winter vegetable, having small knobs or heads along the stem, which may be boiled like cabbage.

**ROSEBERRY**—The choicest variety obtainable and highly valued on account of its strong robust growth and remarkable juicy tender heads. **Price: Pkt., 10c; Oz., 25c; ¼ lb., 90c.**

## BORAGE

The young leaves of this annual, which smell somewhat like a cucumber, are used as salad, or boiled like spinach. **Price: Pkt., 10c; Oz., 15c; ¼ lb., 50c.**

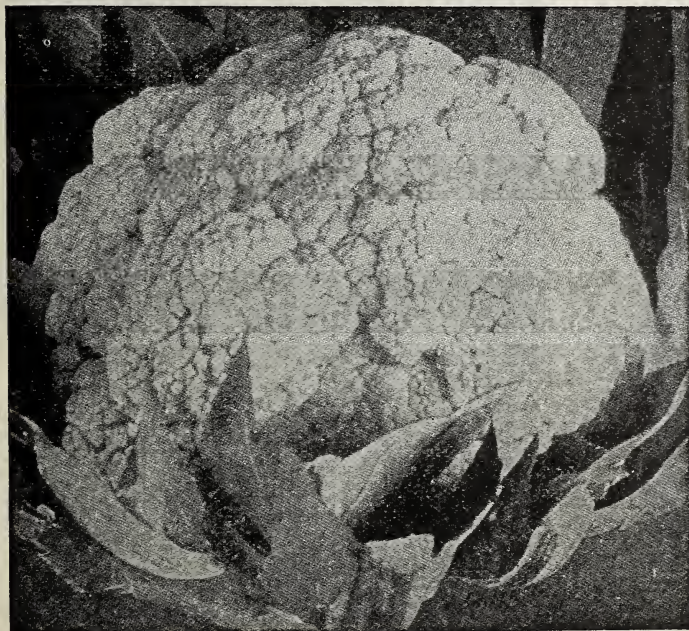


Lucullus Swiss Chard

## CAULIFLOWER

**CULTURE**—Start plants in frame or seed beds, or for early plants start in hot-bed. Transplant as soon as large enough to handle. Set the plants two to three feet apart each way. One ounce of seed will produce from 3,000 to 4,000 plants.

**ST. LOUIS SEED CO.'S EARLY PERFECTION ERFURT FORCING**—In this strain we endeavor to build up a strain that comprised all the fine points in Cauliflower and the success of this variety has shown how we succeed. It is gorgeous beyond description, snowlike in color and its growth of the compact form that will delight the grower. For an early out-door forcing variety it cannot be equaled and is worthy of a trial. **Price: Pkt., 25c; ¼ oz., \$1.25; ½ oz., \$2.25; 1 oz., \$4.00.**



## ST. L. S. CO'S. EARLIEST DWARF ERFURT, EXTRA SELECT

This is a very early reliable sort that has found special favor in many sections. Forms white heads six to ten inches in diameter of good quality. Its close growing habit permits more heads to a given area than the late maturing sorts. Our strain of this fine variety is direct from the originator. **Price: Pkt., 25c.; ¼ oz., \$1.25; ½ oz., \$2.25; 1 oz., \$4.00; ¼ lb., \$14.00.**

## EARLY SNOWBALL

Large solid white heads. A sure cropper. It is the ideal cauliflower for general use. A sure leading variety of dwarf habit, with short outer leaves, especially adapted for forcing under glass during winter and spring. **Price: Pkt., 20c; ¼ oz., \$1.00; ½ oz., \$1.75; 1 oz., \$3.00; ¼ lb., \$11.00.**

## PRIDE OF DENMARK

This excellent variety is especially adapted to long, dry seasons. The heads grow to large size, very solid, pure white and of a very delicious flavor. **Price: Pkt., 25c; ¼ oz., \$1.25; ½ oz., \$2.25; 1 oz., \$4.00.**

Above prices postpaid.

## CABBAGE

All Prices Postpaid.

One Ounce will produce about 2,000 plants;  $\frac{1}{4}$  pound seed in beds will produce plants for one acre.

**CULTURE**—Sow the early kinds in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts 2  $\frac{1}{2}$  feet each way. To be well-grown, Cabbages require a deep, rich loamy soil. Our Cabbage seed is especially grown for us, and we offer it as being of superior quality.



New Golden Acre

**COPENHAGEN MARKET**—This is without doubt the best early round headed cabbage and that its wonderful merits are appreciated is demonstrated by the large plantings made of this variety. The type is thoroughly fixed and the heads maturing at the same time, which makes it so popular and the great favorite of the market gardener. It means less cost in harvesting. It is a vigorous grower and yielder and an excellent keeper. The leaves are of a light green color and tightly folded together in a remarkably solid and compact form. The heads average 5 pounds in weight, are solid and firm. Don't experiment with a cheap strain of this famous variety. **Price:** Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.75.



Copenhagen Market

**THE NEW GOLDEN ACRE**—A very fine new sort from Denmark—the home of fine Cabbages. It is very uniform, almost every head could be cut at the same time. The originator states that Golden Acre matures quicker than any variety known to him. The head is of medium size, quite round, and is surrounded by a few small outer leaves. It is very firm and fully equal to any of the late sorts in this respect. On account of its hardness it will stand in the field for a month or more without bursting and can be shipped long distances and arrive in excellent condition. Don't fail to give the New Golden Acre a trial. **Price:** Pkt., 15c;  $\frac{1}{2}$  oz., 50c; 1 oz., 90c;  $\frac{1}{4}$  lb., \$3.50.

**EARLY JERSEY WAKEFIELD**—This variety should be grown in every garden. Many market-gardeners consider this the very best early variety. Certainly deserving of its great popularity. Grown extensively for market and shipping. Its merits are many, among which are large heads for an early sort, small outside foliage and uniformity of crop. Pyramidal in shape having a blunted or rounded peak; very sweet. The seed we offer is from the very best growers and is sure to give satisfaction. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$3.00.**



Charleston, Wakefield

**LARGE CHARLESTON WAKEFIELD**—A selection from Early Jersey Wakefield, only it is about one week later than that popular early variety and grows larger heads, often averaging 8 to 10 pounds. Very solid and of fine quality. There are immense quantities grown in the South for northern markets. **Price:** Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$3.00.

**HENDERSON'S EARLY SUMMER**—This is one of the best of the large, early cabbages and is exceedingly valuable to the home or market gardener. The heads are larger than the Wakefield type and only a few days later, points to be considered when growing for the market. **Price:** Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$3.00.



# CABBAGE—Continued

Prices Postpaid

**IMPROVED BRUNSWICK**—Ours is the true short stem type' Good for second early and late crops, and attains an extraordinary large size. Price: Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

**ALL SEASONS OR SUREHEAD**—The names best describe this variety as it is a sure-headed of the flat Dutch type of heads and a first class main crop. The heads are very large, extremely hard and solid. This certainly is the great all year round cabbage. Price: Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

**GLORY OF ENKHUIZEN**—This second early variety is very sure heading and of excellent quality. The plants are of vigorous growth, with large, rather spreading outer leaves which are noticeably curved and frilled. The heads are globular or very nearly round, very solid and of large size for so early a variety. Price: Pkt., 10c; ½ oz., 20c; 1 oz., 30c; ¼ lb., 90c; lb., \$3.00.

**SUPERIOR LATE FLAT DUTCH**—We recommend this sort for markets that require a very large and deep head. It is also much used as a main crop or late sort for the home garden. The plants are large, fairly compact but distinctly vigorous, with medium length stem and large outer leaves, which are upright in growth and moderately waved. The heads are uniformly large. Price: Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

**AMERICAN KING**—Introduced by us in 1904, it has met with universal praise everywhere. Mammoth solid heads, weighing from 8 to 12 pounds, are common sights in a field of this wonderful late cabbage. We know of no cabbage that could equal this magnificent variety, the real genuine leader of all. Its chief points of merit are its absolute reliability of a sure crop, its uniformly large size of head, its great drought and worm-resisting qualities. A distinct feature of our American King is the small number and small size of the ribs. Our American King is the cabbage to grow. Price: Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$4.00.

**ST. LOUIS LATE MARKET**—This strain is the result of much care on our part to develop and maintain the good qualities which have made this sort so popular. The plants are very hardy, comparatively slow growing but very sure heading; stem rather short. The plants are exceptionally vigorous, with very large, broad, spreading outer leaves which are moderately smooth or very slightly waved and slightly blistered. The heads are uniformly large, often very large, flat but deep, distinctly flattened on the top, solid and of excellent quality. This is considered by many as the standard, very large late



St. Louis Late Market.

cabbage for home garden and market. It is an excellent keeper. Price: Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lbs., \$3.00.

**HOLLANDER OR DANISH BALL HEAD**—Very hardy, sure heading, very solid, of good quality and as one of the very best keepers this is particularly desirable for distant markets or for late, spring use. The plants are vigorous and compact, with stem of medium length. They are exceedingly hardy in resisting cold and stand dry weather well. The leaves are distinctly upright in growth, few but rather large, long and narrow, thick, smooth, bluish green covered with whitish bloom. The heads are medium sized, round, exceptionally solid and stand shipment better than any other late sort. Price: Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$3.00.



American King

## RED CABBAGE

**EARLY RED ERFURT**—Very early and solid. Price: Pkt., 10c; ½ oz., 25c; oz., 45c.

**MAMMOTH ROCK RED**—This is by far the best, largest and surest-heading Red Cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid. Price: Pkt., 10c; ½ oz., 25c; oz., 45c.

## SAVOY CABBAGE

**PERFECTION LATE SAVOY**—None of the late-growing varieties can begin to equal in flavor this sort for family use; heads large. Price: Pkt., 10c; ½ oz., 25c; oz., 45c.

**EARLY DWARF ULM SAVOY**—A very early and superior dwarf variety of fine quality. Price: Pkt., 10c; ½ oz., 25c; oz., 45c.

## CELERY OR CHINESE CABBAGE

Chinese Cabbage should be sown in the spring for early use and again in July or August for fall use. Sow in drills 16 to 20 inches apart and thin the seedlings to 10 inches apart. The full grown plant resembles Cos lettuce in appearance. It has a nice flavor and may be eaten raw, or as a salad or cooked. Price: Pkt., 10c; oz., 30c; 4 oz., \$1.00.

# CARROT

One ounce will sow  
100 feet of drill.

**CULTURE**—April is the time to sow for early use. Sow seed in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May, same distance apart as above but cover seed a little deeper as sun is stronger. Perfect specimens require a fine pulverized, deep soil.

Carrots are not appreciated as they should be. Their table qualities are excellent, and as a food for stock they are surpassed by few root crops. They are especially valuable when fed to dairy cows, producing an increased flow of rich milk and imparting a beautiful golden yellow to the butter. We urge a more general use of the Carrot among our customers. Like other root crops, it flourishes best in a well enriched sandy soil deeply tilled, and if plowed the Fall before, so much the better.

## GUERANDE, OR OXHEART

The fact that this variety grows well in shallow soil and the shape of the carrot has readily placed the Oxheart Carrot in the ranks of the leaders. The roots are broad at the top. Flesh is a bright orange, fine grain and very sweet. It is an excellent variety for the gardner, because of its thickness, which makes it a heavy producer. It is an excellent keeper and therefore appeals to all. Fine for home use and profitable for the market. **Price: Pkt., 5c; oz., 15c; ¼ lb., 35c; lbs., \$1.00.**

## EARLY HALF LONG SCARLET

Very productive, medium early and of excellent quality. The roots are thick and range from five to six inches long, uniform in shape, stump-rooted but tapering slightly. Smooth skin and the flesh is of a deep orange red in color. Our early Half-Long is gaining in favor every year, a recognition of its many fine qualities. **Price: Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.00.**

## DANVER'S HALF-LONG IMPROVED

For a general crop Danver's Half-Long Carrot stands supreme; it is by far the most profitable for the market gardner and has long been our leading variety. It is half-long in shape, almost cylindrical, somewhat stump-rooted, and of rich, dark orange color. Flesh is sweet crisp, and tender. The greatest of care has been exercised in the selection of nothing but the highest class roots for seed purposes. **Price: Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.00.**

## IMPROVED RUBICAN

**STUMP-ROOTED VARIETY**—It is a truly magnificent carrot of a rich orange shade and of a most excellent flavor. As a carrot of all uses, it stands alone on account of its extreme sweetness and its enormous yielding properties. In our new improved strain of Rubican we offer you seed that will surpass your highest hopes of a delicious all-around carrot. **Price: Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.00.**

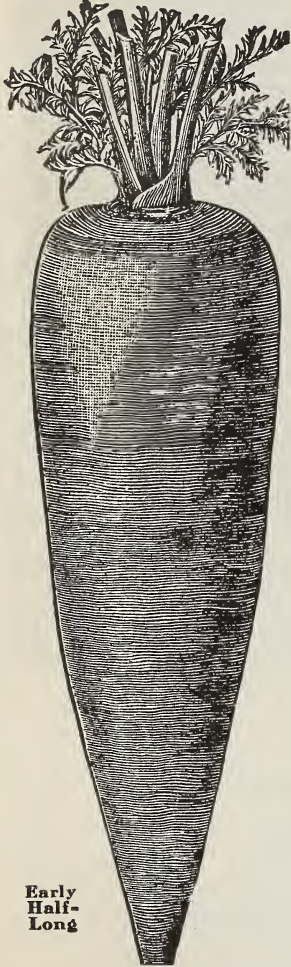
## ST. VALERY

In our new private strain of St. Valery we offer you one of the best. In size it is large; rich, deep orange in color. **Price: Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., 75c; 5 lbs., \$3.50.**

## FRANKFURT

This is an excellent market variety, of a rich orange-red color, very smooth and handsome and producing very large crops. It is grown largely on account of its productiveness and for its ability to adapt itself to all classes of soil. Tops of medium size. Roots are of medium length, six to eight inches long, tapering uniformly to a blunt point. Although the roots of this variety are comparatively short they produce as large a bulk as the longer field sorts and are much easier to gather. Years of testing and trials have made our strain of this popular variety the best that can be obtained. **Price: Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.**

Above prices postpaid.



Early  
Half-  
Long



Danver's  
Half-Long  
Improved.

## CELERY

One ounce will produce about 3,000 plants.

Price Postpaid.

**CULTURE**—The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 8 inches between plants in the row. Keep down all weeds, and as Fall approaches, draw earth up to the plants, keeping the stalks well together.

### GOLDEN SELF-BLANCHING

The heart is rich golden-yellow with light yellowish green outer-leaves. The ribs are thick and broad and the hearts large and solid. It is the leading early variety and its superb quality, freedom from stringiness, its crispness and delightful flavor has endeared it to all who plant it. If you want a strain from the highest type, the kind that will produce big results, you will find it here. **Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$1.00.**

### SANFORD'S EASY BLANCHING

The stalks are of medium height and stocky in growth, and the easiness with which they are blanched and its keeping qualities has made it a universal favorite. The tender, brittle delicious flavored stalks are highly relished by all and their attractive appearance insures a good sale when offered on the market. Our seed was grown from highly selected, extra fine stock. **Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.**

**GOLDEN HEART**—Fine variety of a beautiful waxy, golden yellow color, when blanched. It is a very showy and attractive variety, which is rapidly gaining more attention every year. **Price: Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00.**

**WHITE PLUME**—Valuable for Fall or early Winter use, very widely known for its remarkable vigor and is a truly beautiful type with stalks creamy white, crisp and delicious. **Price: Pkt., 10c; oz., 30c; ¼ lb., 75c.**

**CURLED CELERY**—This new variety is a great favorite of the gardeners for cutting and bunching. Its use for flavoring has made it very valuable and should be grown on that account. For use in soups, etc., it is unexcelled. **Price: Pkt., 5c; oz., 25c; ¼ lb., 75c.**



Golden Self-Blanching

## CELERIAC

(Turnip Rooted Celery)

**CULTURE**—Treat seeds and plants the same as recommended for celery with the exception that it is customary to set the plants in rows 1 foot apart.

**GIANT PRAGUE (Turnip Rooted)**—This celebrated variety is the largest, smoothest and best strain of celeriac that can be obtained. Owing to its fine flavor it should be more widely grown than it is as it is fine for flavoring soups and salads or boiled like turnips and parsnips. **Price: Pkt., 5c; oz., 25c; ¼ lb., 75c.**

## CARDOON

**LARGE SPANISH**—Large, fleshy-leaved plants, chiefly used as a Winter vegetable. The blanched stalks and broad ribs of the inner leaves when properly cooked are tender and of an agreeable flavor. **Price: Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.**



Corn Salad

## CORN SALAD OR FETTICUS

One ounce will sow about 100 feet of drill.

**SOW** the seed in early spring at the time of the first sowing of lettuce and make successful plantings as often as desired. For very early salads, sow in the fall and by protecting the plants during the winter months with leaves or straw, it can be gathered very early in the spring. If planted in April it is soon ready for use. Corn Salad is best served in mixtures with other herbs as lettuce, water-cress or white mustard.

**LARGE LEAVED**—The hardest, earliest and most appetizing variety grown. **Price: Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

## COLLARDS

A GREAT favorite in the South, where they are used extensively for "greens." Culture similar to cabbage.

**GEORGIA, OR SOUTHERN**—The standard variety for productiveness. **Price: Pkt., 5c; oz., 15c.**

## CHICORY

**WITLOOF CHICORY**—In order to grow good "Witloof" the seed should be sown during April in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, then take up the roots and trim off the leaves up to about 1½ inches from the neck. Then plant in a trench 8 to 12 inches deep, placing the roots upright, about 1½ inches apart.

**WITLOOF**—Is eaten raw or as a salad and is also sometimes cooked like ordinary Endive. This is the best variety of Chicory. **Price: Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.**

**LARGE ROOTED**—The finest flavored and hardest growing variety. **Price: Pkt., 5c; oz., 25c; ¼ lb., 75c.**



Witloof Chicory

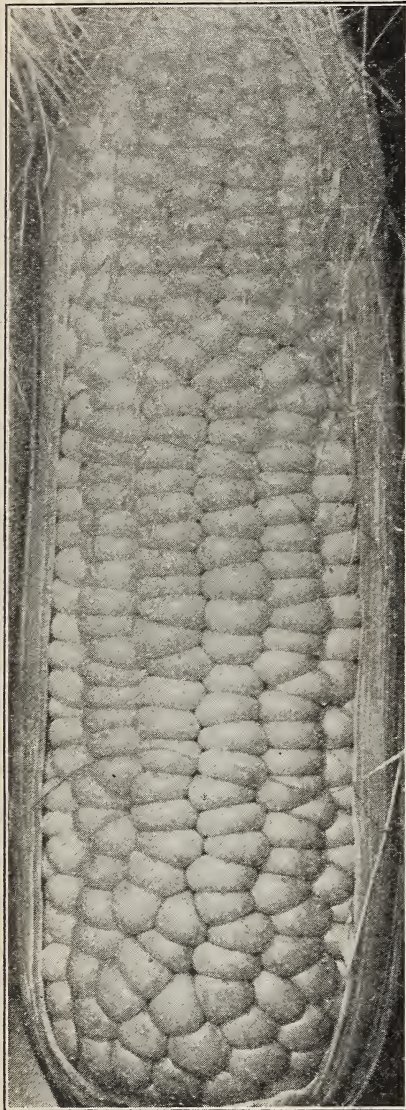
# CORN, SWEET OR SUGAR

NOTE: If in the market for 50 lbs., or over, write for price.

(By Parcel Post, add Postage; see inside cover.)

One lb. of seed will plant about 100 hills; 12 to 15 lbs., an acre in hills.

TO HAVE the finest Sweet Corn it must be picked in just the right condition, that is, when the skin of the grain breaks at the slightest puncture. It will be of inferior quality if it is either a few days too old or too young. Our Sweet Corn is thoroughly tested before it leaves our hands. At the following prices on Corn—packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense.



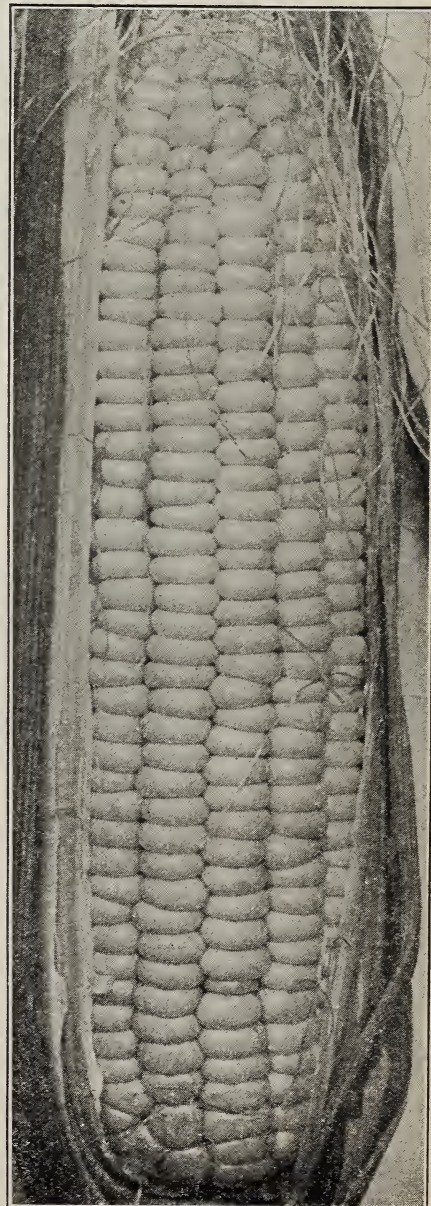
Whipples Early

**WHIPPLE'S EARLY**—(See illustration)—Of the narrow-grained Evergreen type, but ready for use much earlier. Ears 8 to 9 inches long, 16 to 18 rows of pearly white grains. The chief distinction of this variety is that it is by far the earliest of the deep narrow-grained Evergreen types and has a larger sugar content. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 10 lbs., \$2.50.

**GOLDEN BANTAM**—This dwarf-growing early variety is the most deliciously flavored corn. The plants attain a height of three to four feet, bearing two or more ears, about five inches long, to a stalk. These little fat ears are so compactly filled with kernels and so sweet and delicious, so tender and milky, that it is the sweetest corn on earth. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

**EARLY EVERGREEN**—The stalk is very strong, sturdy and of only medium height; the leaves broad and dark green in color, a habit of growth, which gives it great endurance during a dry time. Especially adapted for early trucking; also very desirable for the home garden. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

Our  
Sweet  
Corn  
is all  
selected  
"Pure  
and  
Sure"  
Seeds



Early Evergreen

# CORN

## SWEET OR SUGAR—Continued

If in the market for 50 or 100 lb. lots or over, please write for special price.

**ADAM'S EXTRA EARLY**—It is an excellent variety for roasting and of good quality if pulled promptly after reaching maturity. The truckers and market gardeners have found this an excellent variety for market growing. Price: Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 10 lbs., \$1.75.

**ADAM'S EARLY**—Is another variety that has found great favor among the gardeners. Price: Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 10 lbs., \$1.75.

**EARLY WHITE CORY**—The grain is large, broad, very white and of nice quality. The early Cory certainly is an excellent variety if you want early corn. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

**MAMMOTH WHITE CORY**—We consider this one of the best extra early varieties for the market and home garden. The ears are very large for so early a variety. The stalks are about four feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety. They are twelve rowed, six to seven inches long, very symmetrical and handsome, seldom with any opening between the rows at the base. The grain is large, broad, very white and of remarkably good quality for such an early sort. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

**KENDALL'S EARLY GIANT**—Those desiring the choicest and earliest Sweet Corn will do well to plant this variety, the growth being of a dwarf nature—4 to 5 feet high. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

## GENERAL CROP AND LATE

**HOWLING MOB**—The stalks are usually about 5 feet in height and produce early in the season two splendid ears to a stalk. The ears are 7 to 9 inches in length and are well covered with a heavy husk. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00; 25 lbs., \$3.75.

**COUNTRY GENTLEMAN**—One of the richest flavored of all the late varieties. As a table Corn this variety stands unrivaled, and without doubt is the most luscious of all varieties of Sweet Corn. The plump, pearly-white kernels are of great depth, and most delicious. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

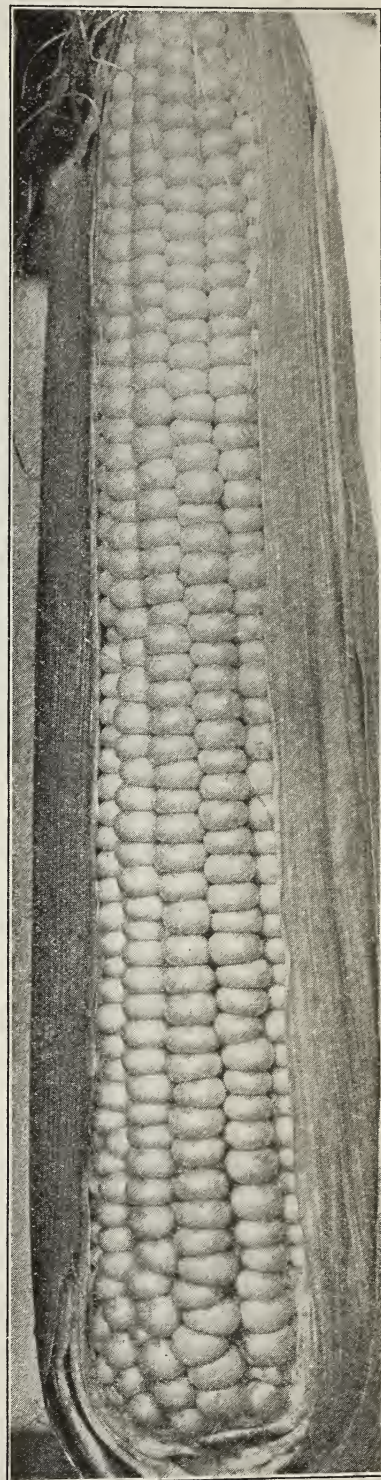
**STOWELL'S EVERGREEN**—Too well known to need any introduction. The Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. This Corn is distinguished by the large ear, the long, deep kernels, its rich, sugary flavor, and its long-keeping qualities. Our seed has been selected for its sweetness, productiveness and large size. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00; 25 lbs., \$3.75.

**WHITE EVERGREEN**—Stalks very vigorous, 6 to 7 feet high. The ears are uniformly very large and well-filled. When in the green state both cob and kernel are white as snow. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00; 25 lbs., \$3.75.

## POP CORN

**WHITE RICE**—A very handsome and prolific white variety. The ears are five to seven inches long. The kernels are long, pointed and somewhat resemble rice. This excellent rather late maturing variety yields heavily and is considered the best pop corn for parching. Price: Pkt., 5c; ½ lb., 20c; 10 lbs., \$1.75.

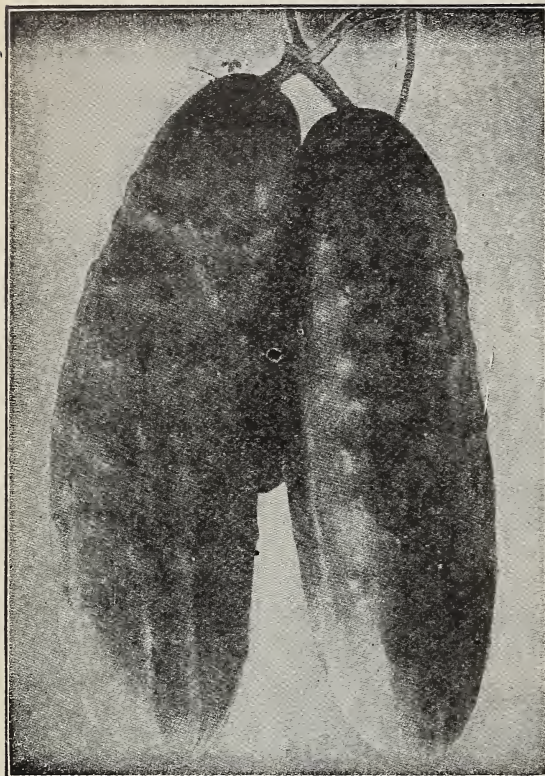
**JAPANESE HULLESS**—Also known in some sections as Japanese Rice.—The Japanese Hulless is a dwarf-growing corn, a heavy yielder of attractive ears peculiar in form, being nearly as thick as long. The kernels are similar to the best strains of White Rice, only longer and sinner and pearly white in color, but its crowning merit lies in its popping quality, fine flavor and absence of hull or shell. Price: Pkt., 5c; ½ lb., 25c; 10 lbs., \$2.00.



Stowell's Evergreen



Country Gentleman



Extra Long White Spine or Evergreen

- LONDON LONG GREEN**—The standard of all long green varieties. Almost as early as the shorter varieties, but its great size makes up for the difference. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 85c; 5 lbs., \$4.00.
- JAPANESE CLIMBING**—Here is a variety that won't take up so much space in your garden as it easily trails up poles or trellises. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.
- JERSEY PICKLE**—The happy medium between the short and long green cucumbers. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.
- EARLY GREEN CLUSTER**—A short pale-green variety, maturing early. The favorite for pickling. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.
- GHERKIN or BURR**—Makes excellent pickles and is quite a novelty. Price: Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

## ENDIVE

One ounce of seed to 300 feet of row.

**ENDIVE** is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When nearly full grown, and before they are fit for the table, they must be bleached.

- GREEN CURLED**—Ornamental curled leaves of dark green color. Blanches white and crisp. This is the standard variety and most widely planted. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.
- WHITE CURLED**—Leaves are not as tender as the green curled, but it is self-blanching and very attractive. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.
- BROAD-LEAVED or ESCAROLLE**—Broad, thick ribs, with slightly wrinkled leaves. This is the best broad-leaved variety. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

## CRESS

THE refreshing piquancy of the leaves of Cress has caused it to be greatly used as an appetizing salad, or for garnishing various dishes. One ounce of cress will sow two hundred feet of row.

**FINE CURLED (Pepper Grass)**—Its rapid growth has aided a great demand for this variety of Cress. Price: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**WATER CRESS**—A very hardy plant which can be grown easily in a shallow pond of fresh water or along the edges of shallow running streams. Seeds may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the stream or pond. Price: Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.75.

## CUCUMBER

One ounce will plant about 50 hills.

By parcel post, add postage.

**CULTURE**—The first planting should be made in May in hotbeds; inverted sods form an excellent medium for both planting on and carrying the young plants to their permanent location, or small paper pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks.

**DAVIS PERFECT**—A very fine cucumber for market as well as the home garden. Fine length, slimness, beautiful dark green color, transparent-like flesh with deliciously cool refreshing flavor, and crisp. Fruits 8 to 10 inches long, tapering at both ends, solid flesh, few seeds. It is one of the most popular among extra long white spine cucumbers. Ready for market in 65 days. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 90c.

**EARLY WHITE SPINE**—This truly is the peerless cucumber and for slicing it has no equal. Our select strain of this variety is unsurpassed for the table or market. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**ST. L. S. CO.'S IMPROVED GREEN HYBRID**—In our "Improved Green Hybrid" we offer the perfect cucumber, an extra early species of a most remarkable quality as well as appearance. For slicing it is superb, and its symmetrical fruits are uniformly large. The flesh is very solid, fine grained. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 90c.

**ARLINGTON IMPROVED WHITE SPINE**—A fine variety for either forcing or out-of-doors planting. A good seller on the market and the most profitable cucumber to grow for shipping. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

### EXTRA LONG WHITE SPINE OR EVERGREEN—

Extra early, of a dark green color and very prolific. Fruits range from eight to ten inches in length and the absence of seeds is noticeable. A grand variety. Price Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



Green Curled Endive.

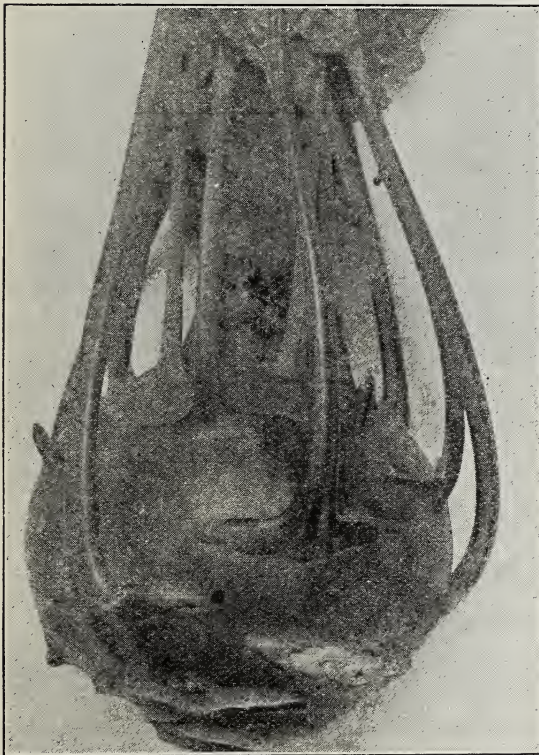
## EGG PLANT

One ounce will produce about 1,000 plants.

**ST. L. S. CO.'S IMPROVED OVAL SPINELESS**—This new variety, our own production, has proven itself superior to any other strain, being very early. Hardy and productive, it is an ideal variety and gardeners can make more money from this improved and selected strain than from any other. Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.

**BLACK BEAUTY**—This distinct new variety is indeed a beauty. It is very attractive in appearance and of excellent flavor. Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.

**EARLY LONG PURPLE**—An early, hardier variety; club-shaped, dark purple fruit, six to eight inches long, preferred by some for slicing; flesh firm. Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.



## KOHL RABI

One ounce will sow about 200 feet of drill.

**CULTURE**—This is a very delicious vegetable, and is increasing in popularity rapidly; combines the good qualities of the turnip and cabbage but excels both in qualities and productive qualities. Sow in Spring in rows 14 inches apart, and thin away the plants to 8 inches.

**EARLIEST WHITE ERFURT**—An excellent variety for forcing. It will also do well in the open ground. Price: Pkt., 10c; oz., 25c; ¼ lb., 90c.

**EARLY WHITE VIENNA**—Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. Price: Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

**EARLY PURPLE VIENNA**—Differs from the early White Vienna in color only. Price: Pkt., 10c; oz., 25c; ¼ lb., 90c.



St. L. S. Co.'s Imp. Oval Spineless Egg Plant

## KALE

By Parcel Post, add Postage.

Sow four pounds to the acre; one ounce will sow 150 feet of drill.

**CULTURE**—For Spring use sow in September and protect during Winter with covering of straw. For Fall use sow in May or June, cover seed one-half inch deep.

**DWARF GERMAN FOR SPRING**—An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture. It has no equal. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.25.

**DWARF GERMAN GREEN HOME GROWN (for Fall)**—Largely grown for supplying "greens" during the Fall, Winter and Spring. The plants are hardy; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bright green color. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.25.

**DOUBLE CURLED SCOTCH**—Desirable for Winter and Spring greens. Leaves are curly like Parsley, tender and of very fine flavor. It is improved by frost. Price: Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**TALL SCOTCH**—This variety makes beautiful plants, two feet or more in height. Leaves are finely curled and very tender. Price: Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

## LEEK

**LEEK** is a mild onion-flavored plant, prized as being the ideal for soup, etc. Transplant in rows 1 foot apart and 6 inches apart in the row.

**LONDON FLAG**—The earliest, largest and most uniform of all. Price: Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

**LARGE ROUEN**—A large, thick, short-stemmed variety. Price: Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.



Dwarf German Green Kale



## ST. L. S. CO'S BIG MARKET GARDENER LETTUCE

A Grand Large Cabbage Lettuce—for Either Early Spring or Fall.

**T**HIS is the most extensively grown Lettuce in the country either for market or private tables. For a time-tried and true Lettuce you will find the Market Gardener the finest lettuce that can be planted and when you consider its many fine qualities, you will then realize that anything said about this variety is far from exaggeration; in fact, our strain of Market Gardener cannot be fully described as it is the one perfect Lettuce and if you grow it you will learn for yourself.

Whether grown in the open ground for early Spring or Fall use, or in frames for Spring, it invariably gives both the grower and user the utmost satisfaction, producing under ordinarily favorable conditions, splendid buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet, white and of the most exquisite flavor. Its handsome appearance, with large outside leaves and its long-standing qualities without running to seed have made it the universal favorite.

The best test is to visit some of the large growers in this vicinity and see the large areas of it; may be seen as late as November 15th; a slight covering of salt hay amply protects the plants from hard frosts, and when cut for market the leaves are fresh and bright. Thousands of acres of our Market Gardener are grown during the Winter in Florida and other Southern states for shipping to Northern markets. We know of no other variety that gives such general satisfaction and for those who have a desire to grow a superior Lettuce, they cannot grow anything better. Years of testing and care have assisted in producing this remarkable Lettuce and it will pay you to take advantage of this and plant this Superior strain. **Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50; 5 lbs., \$6.50.**

### EARLY CURED VARIETIES

**CULTURE**—Lettuce seed should be sown very early in the Spring and at intervals of 15 days for a succession; sow the seed in shallow drills—being careful to firm the soil well over the seed and thin to 4 inches apart in row. **Two ounces of seed will sow 150 feet of rows, 4 to 5 pounds seed required per acre.**

**EARLY CURLED SIMPSON**—The standard cutting or loose-headed variety. Earlier than the heading sorts. **Price: Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

**BLACK SEEDED SIMPSON**—Larger and lighter in color than Early Curled Simpson. **Price: Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

**GRAND RAPIDS**—Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. **Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.**

**PRIZE HEAD**—As its name implies, forms a very large, loose head, slightly tinged with brown. **Price: Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.**

Above prices postpaid.



**LETTUCE** Continued.**OUTDOOR GROWING**

For General Crop

**ST. L. S. CO.'S BLACK SEEDED FORCING**—The favorite of gardeners who grow for the St. Louis market, where there is always a big demand for this popular variety. Heads are of a medium size, well formed and compact, of excellent quality and fine appearance. For a fine, delicious, early tender Lettuce plant our Black Seeded Forcing. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**ST. L. S. CO.'S BIG BOSTON**—This grand variety has proved to be most valuable and is now being more extensively grown for market and private use than any lettuce. Whether it is grown in the open ground for Summer and Fall use, or in frames for Spring, it still produces the splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender. Price: Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 5 lbs., \$6.00.

**ST. L. S. CO.'S IMP. BUTTER**—This is one of the finest the most brittle as well as the crispest lettuce. This delicious variety is of the cabbage type. Every plant is uniformly perfect, nearly all head with but few outside leaves. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**WHITE BIG BOSTON**—This excellent variety is noted for its extra large and firm heads, and thin leaves of the finest quality. The interior is most beautifully blanched, creamy-white, crisp, tender and delicious and absolutely free from the bitterness prevalent in some lettuce. It is a very large, robust-growing variety, and a sure header; does well during the cool Fall and Spring months. Heads of a pleasing light-green color, firm and of superior quality. When grown in cold-frames the heads are not as tight as when grown outside. One of the best market varieties we know. Price: Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 5 lbs., \$6.00.

**N. Y. WONDERFUL, or LOS ANGELES**—This splendid mammoth heading and long-keeping variety has been grown to weigh 3 pounds to the head. Heart is solid, of light green color, very sweet, tender and crisp. Long-standing. Perfect heads and a good shipper. Price: Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$2.00.

**ICEBERG**—This is a cabbage heading variety, crisp and tender. Large, extremely hard and well balanced heads. Leaves are slightly blistered, crumpled and twisted. Color, light green. Price: Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$2.00.



Iceberg Lettuce.

**MAMMOTH BLACK SEEDED BUTTER**—A fine variety for outdoor planting or for cold frames, either for market or home use. It produces extra large heads, very compact, of a fine flavor. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50; 5 lbs., \$6.50.

**ST. LOUIS MARKET**—A great favorite among the gardeners where its many good qualities insure for it a big market demand, with a good price for same. Its large heads of crisp, buttery flavor have made this variety the most popular market variety and you can be sure of a big crop of lettuce if you plant our strain of St. Louis Market For the Summer home garden. Price: Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 5 lbs., \$6.00.

**HANSON**—In every respect an ideal lettuce. It never fails to make large handsome heads. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**TRIANON COS (Romanine)**—A distant variety, tall, self-bleaching. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c.

**HARDY GREEN WINTER**—Very popular. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c.

**BROWN DUTCH WINTER**—The standard Winter sort. Of delicious flavor. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c.

**MUSTARD**

(By Parcel Post, See Inside Front Cover).

(One ounce will sow 40 feet of drill).

**MUSTARD** should be sown in every garden. As a money-maker it attains a high rank, always being in great demand by hotels; for greens, salads, etc., it is unsurpassed.

**CHINESE CURLED**—When cooked like spinach the broad leaves of this variety are delicious. They are often more than a foot in length and crimped much like the Savoy Cabbage. Price: Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c.

**GIANT SOUTHERN CURLED**—A favorite in the South, growing very large with a beautiful curld leaf. It is very tender and of especially good flavor; also desirable for garnishing. Price: Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c.

**WHITE OR YELLOW LONDON**—Seeds are used for pickling and the leaves are relished by many people. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.



St. Louis Market

## MUSKMELON

One ounce will plant about 50 hills; 2 to 3 pounds in hills per acre.

(Seed by Parcel Post, add Postage; See Inside Cover)

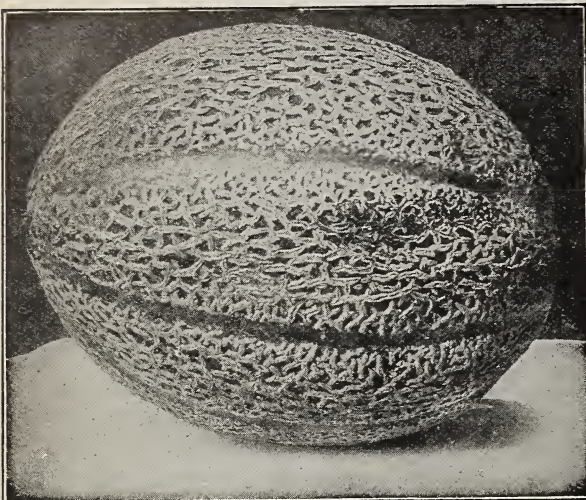
**CULTIVATE**—In hills, which should be 5 to 6 feet apart each way, and composed of light, moderately rich soil. The hills should be dug about 2 feet square, 12 inches deep. Plant in May, ten seeds to the hill, and when the vines are well up, thin out to three. Cultivate until the vines cover the ground and pinch the ends of the growing shoots to induce early fruiting.

**EDWARDS PERFECTO**—A new type of Rockyford showing a trace of Burrell Gem. This seed cavity is triangular and the flesh pink, extremely thick, sweet and spicy. This melon is almost round and heavily netted. Its shipping qualities are excellent, all that can be desired, a fine variety for shipping and home garden. **Price: Pkt., 5c; oz., 10c; ¼ lb., 35c; lb. \$1.00.**

**OSAGE**—Dark green skin of a peculiar netting. Salmon flesh, very delicious. **Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c.**

**NETTED GEM ROCKY FORD**—The melon that made Rocky Ford, Colo., famous—A well known, profitable market sort of the small basket-melon type. The vines are vigorous, producing an enormous quantity of fruits. The melons are very uniform in size and shape, being slightly oval. Skin a rich, greenish gold when fully ripe; the netting is fine and prominent. The flesh is light green in color, very deep, ripening clear to the rind, which is very thin. In flavor it is peculiarly rich, luscious and free from stringiness. The seed we offer is of the best stock. Ripe fruits in 75 days. **Price: Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

**TIP-TOP**—The most productive Muskmelon known; good for early or late, having a sweet, juicy, fine flavor; solid flesh (but not hard) and eatable to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted. **Price: Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**



Rocky Ford

**ST. LOUIS MARKET**—By far the sweetest and most luscious, richly flavored melon ever grown. Flesh is green and delicious, rind is green and solid, with a rich aromatic flavor that is simply indescribable. **Price: Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00**

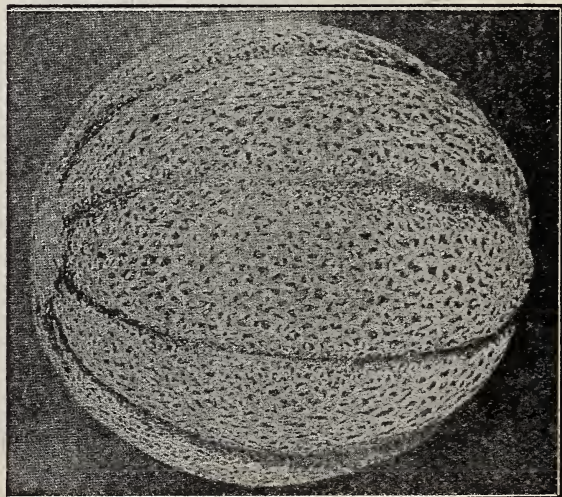
**ROCKY FORD PINK MEAT (Pollack No. 25)**—This muskmelon is considered the best of the salmon fleshed Rocky Fords. Is the most reliable and best cropper, thriving on most any soil, and has proven the best all round melon. The fruits are of great uniformity in size and shape, with well developed gray netting, closely laced and covering the entire surface. The rich salmon flesh is very deep, solid, of a luscious, sweet flavor and ripens clear to the rind. Its shipping qualities are excellent, quality all that can be desired, and we believe is destined to become popular. **Price: Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

**BANANA**—This melon surpasses all others in its delicious fragrance. The flesh (the melon being nearly solid) is of a rich salmon. The quality is first-rate when the melon is thoroughly ripe. It grows from 20 to 28 inches in length and is very prolific. By many this melon is considered of superb quality; it is essentially a home garden variety. **Price: Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.25.**

**BURREL GEM**—The flesh is of the most handsome salmon color, the skin of a beautiful netted dark green; it is shallow ribbed and shaped similar to the Rocky Ford, only larger. **Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.**

**COLORADO QUEEN**—We pronounce this the best green-fleshed melon for shipping long distances offered to date. It is as early as the Rocky Ford, with deep flesh. The illustration shows the shape. It will hold up longer before getting soft and turning yellow than any variety we know of. The netting is heavy, slightly covering the ribs. It averages a trifle larger than Burrell Gem. **Price: Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.**

**HONEY DEW**—Melons are a little different from both Muskmelons and Watermelons. The skin is smooth and hard, flesh extremely tender, rich, sweet and juicy. **Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.**

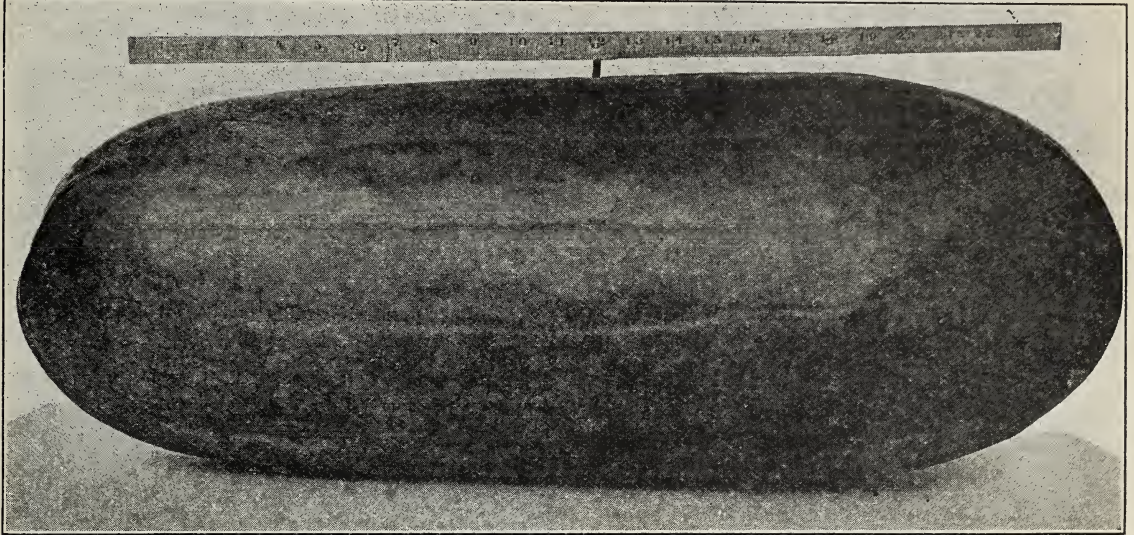


Colorado Queen

## WATERMELON

(By Parcel Post, add Postage; See Inside Cover.)

**CULTURE**—Treat the same as muskmelon, except that they should be planted 8 to 10 feet apart, according to variety.



Tom Watson

**ORDHOOK EARLY**—A most delicious and productive variety for the family garden, succeeding in northern states, where melons were never matured before. The flesh is of a beautiful bright red color. **Price:** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c.

**KLECKLY SWEETS (Monte Cristo)**—Is especially recommended for its fine flavor—in this respect surpassing most all others. **Price:** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c.

**TOM WATSON**—A large, long melon similar in shape, color and splendid quality to Monte Cristo, but averaging larger in size and with a tougher rind, making it especially adapted for shipping to distant markets. The vines are vigorous and productive. The flesh is rich red, sweet and tender. Seed white, more or less marked with brown. Wherever grown in the South it has become very popular as a shipping sort. **Price:** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; 5 lbs., \$3.50.

**ST. L. S. CO'S SWEETHEART**—Almost globular, but a little longer than thick. Skin is a beautiful light, bright mottled green, thin, but very tough rind. **Price:** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c.

**FLORIDA FAVORITE**—Shape oblong, with light and dark green skin; flesh is bright crimson and deliciously sweet. We offer only a select stock of this famous melon. **Price:** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c.

**GEORGIA RATTLESNAKE**—One of the largest varieties, and stands shipping long distances. Fruits of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality. **Price:** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c.

**IRISH GREY**—The vine is very vigorous and holds up well, producing fruit until late summer. The rind is greenish grey in color, thin but very tough. Flesh is beautiful red and free from stringiness. Shape and size similar to Tom Watson. Well adapted for either market or home use. **Price:** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**MELVER'S WONDERFUL SUGAR**—This celebrated melon is claimed by many to be the sweetest of all varieties. Crisp, free from any strings. Solid meat. **Price:** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c.

**CITRON**—The fruits are medium sized, uniformly round and are used exclusively for preserves or pickles. The color is dark green, distinctly striped and marbled with light green. The flesh is white and solid, but is not at all suitable for eating raw. Seed red. **Price:** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c.



## MUSHROOM CULTURE

**Mushroom Culture Leaflet Mailed Free. Ask for it when you order your Spawn.**

We always have a fine, fresh supply of "Pure Culture" Spawn on hand and you can depend on getting the kind of spawn that will produce large mushrooms. There has been such a great demand for this spawn that we were unable to obtain any, but the manufacturers are again making regular shipments and our many growers can expect their usual supply of Spawn of the highest quality. This Spawn comes in bricks weighing about 18 to 20 ounces. A brick is sufficient to spawn ten square feet of bed. Be sure to mention the cultural leaflet when you order your spawn. **Price: Per brick, 25c; 5 bricks, \$1.00.** If wanted by parcel post add 5 cents a brick for postage.

**MUSHROOM CULTURE**—By Robinson. The best English Book, cloth bound. **Price: \$1.00 postpaid.**

**MUSHROOMS**—By W. Falconer. The best American book, cloth bound. **Price: \$1.50 postpaid.**



Dwarf Green Okra.

## ONION

An ounce will sow 100 feet of drill. Four to five pounds to the acre for Large Onions.

**CULTURE**—Sow in rich, sandy soil, in drills 1 foot apart, as early as possible in the Spring, cover with fine soil; when plants are strong enough, thin out to 3 or 4 inches. Have ground thoroughly cultivated, free from weeds and well fertilized.

**PHILADELPHIA SILVERSKIN**—One of the leading white sorts, beautiful shape and mild flavor. It is largely used for growing sets on account of its fine shape when small. Price: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$2.75.

**LARGE WHITE GLOBE**—This celebrated Onion in appearance and quality is one of the finest in cultivation. Perfectly globe-shaped, with pure white skin; fine grained and of excellent flavor. A good keeper. Price: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.00.



## OKRA, or GUMBO

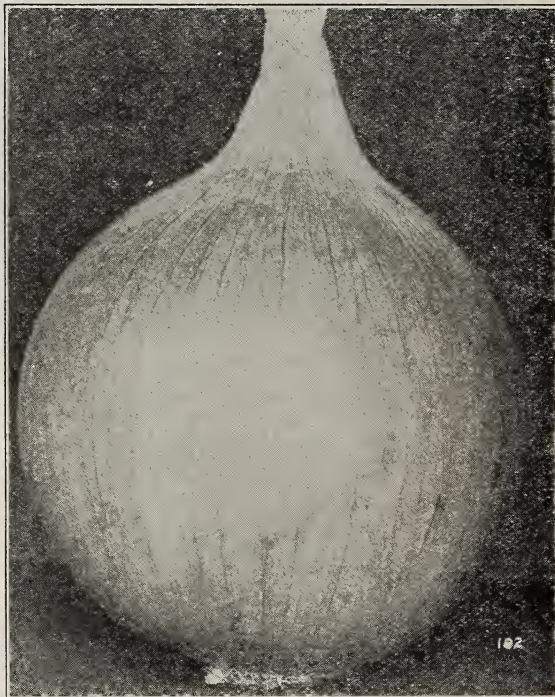
(By Parcel Post, add Postage.)

**SOW** seed thinly in drills one inch deep and three feet apart. When well up thin out the plants to one foot apart. Gather the pods when young. Very delicious and appetizing.

**WHITE VELVET**—Beautiful, smooth velvety white pods, produced in the greatest abundance. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**PERKINS MAMMOTH LONG POD**—In productiveness this Okra is simply wonderful. Pods of an intense green color, are of an unusual length and do not get hard. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**DWARF GREEN**—The standard dwarf, short green-pod variety. Very productive. Price: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



**GIANT YELLOW PRIZE TAKER**—Our new Giant Yellow Prize Taker cannot be recommended too highly. There is a limit to the good qualities of other Onions. The king of all main crop varieties. Price: Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.60.

**MAMMOTH SILVER KING (White Garanus)**—One of the greatest, grandest and most delicious Onions ever offered. Grows very large, early; flat, but thick through; tender and of very mild sweet flavor; uniform in size and shape. Price: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.00.

**LARGE RED WETHERSFIELD**—Undoubtedly the most popular Onion ever grown. The standard of all red varieties. Skin is deep purple red, flesh purplish white. (See cut.) Price: Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75.

**LARGE RED GLOBE**—This celebrated variety differs from the Wethersfield in being almost a perfect globe and matures later, and by its handsome appearance on the market sells better. An excellent keeper. Price: Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75.

ONION SETS—(See Page 31.)

## PARSLEY

(By Parcel Post, add Postage; See Inside Front Cover.)

One ounce will sow 100 feet of drill.

**CULTURE**—Make the rows 12 to 14 inches apart. Thin to 3 or 4 inches apart, or transplant at this distance. Can be sown in hot-beds in February, or later in open ground. Late in Autumn place frames over some of the plants to lengthen out the season for cutting.

**DOUBLE CURLED**—Very robust, free growth. Leaves are large, very dark, green and beautifully curled; exceedingly large yields. Stands heat and cold better than most varieties. Price: Pt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**HAMBURG, OR ROOTED**—A rooted variety of which the roots are the portion used; good in flavoring soup and stews. Price: Pt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00.

**PLAIN LEAF**—Leaves are longer and darker green than the curled varieties; very hardy. Excellent for seasoning. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

## PARSNIP

One oz. of seed for 200 ft. of row; 5 lbs. seed required for an acre.

**CULTURE**—Work the soil very deep and pulverize the surface thoroughly. Sow the seed in early Spring, ¾ of an inch deep, in rows 12 to 18 inches apart.

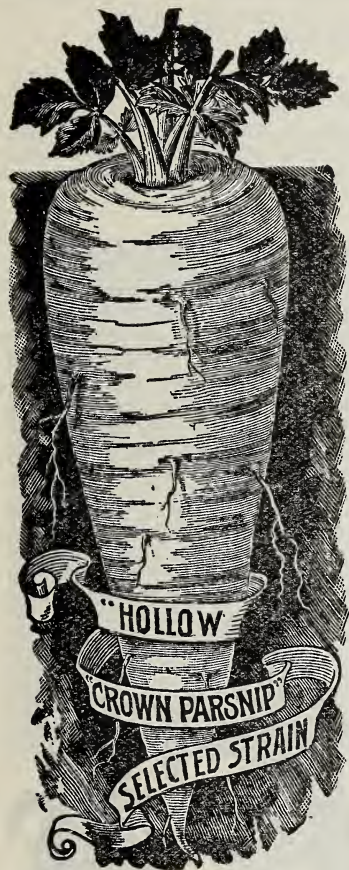
As soon as the young plants appear, cultivate and hand weed them, and when 3 inches high thin to 6 inches apart in the row.

**HOLLOW CROWN (Large Sugar)**—The best and most widely cultivated variety Grows long, smooth, tender and is very sugary. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c.

## PEPPER

One ounce will produce about 2,000 plants.

**CULTURE**—Sow in hot-bed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in row. For prices on pepper plants, see page 31.



**PIMENTO**—This very popular variety used extensively by the Spanish people in their Pimento salads. It is a thick meated variety of mild flavor, being brilliant red in flesh, and very productive. Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.

**CRIMSON KING**—The fruit is not quite as large as Chinese Giant; in shape not quite so blocky. (See illustration). In weight is much heavier than any other variety of the same size. In flavor it is the mildest we have ever known, as the flesh may be eaten raw from the hand. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c; ¼ lb., \$1.50.

**CHINESE GIANT**—The compact plants are very prolific, setting 3 to 4 extra large fruits at the base quite early in the season, which ripen while a second crop is setting on the branches. The fruit is quite square in appearance, while the flesh is thick and very mild, being entirely free from any fiery flavor. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c; ¼ lb., \$1.50.

**RUBY KING**—One of the standard Peppers, very large and of mild flavor. Bright ruby red color. Price: Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.25.

**BELL, OR BULL NOSE**—Early and of mild flavor. A favorite for pickling. Large, bright red, thick flesh. Price: Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.25.

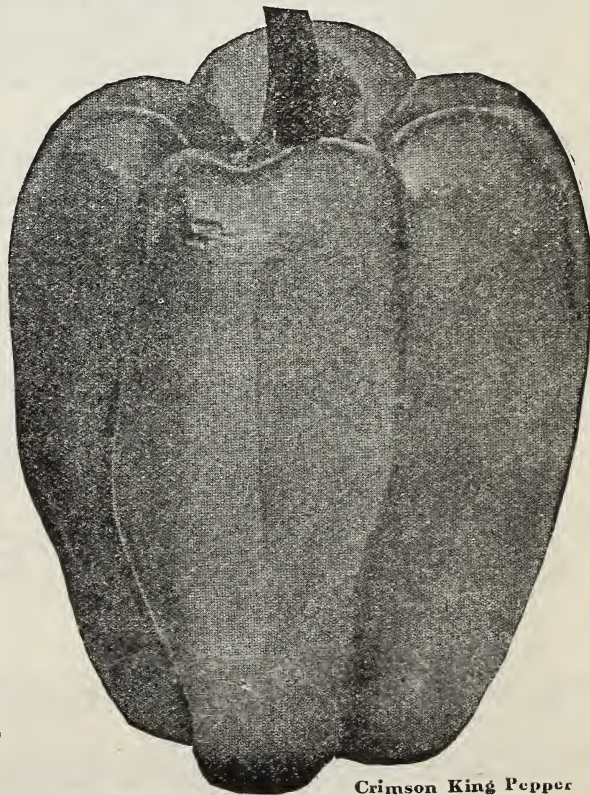
**SWEET MOUNTAIN**—Larger in size and milder in flavor than Bell or Bull Nose. Very productive. Price: Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.25.

**LONG RED CAYENNE**—Of dwarf growth, bearing long, pungent pods. Very productive. An ideal home variety. Price: Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.25.

**RED CHILI**—Smaller and later than Cayenne. Extensively used for pepper sauce. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c.

**RED CHERRY**—The finest of the small, round varieties. Excellent for pickles, sauce, etc. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c.

**TOBASCO**—This variety is used in manufacturing the well-known Tobasco Sauce. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c.



Above prices postpaid.

Crimson King Pepper

## PEAS

(Peas by Parcel Post, add Postage; See Inside Front Cover.)

**CULTURE**—Plant early, smooth varieties as soon as frost is out of the ground; follow with the early wrinkled sorts in a week or 10 days and make successive plantings every 10 days until middle of June. Plant 2 to 3 inches deep, in rows 24 inches apart, if cultivated by hand; if by horsepower, rows should be 3 feet apart. Dwarf varieties require no sticks, tall varieties do better staked. Use 1 lb. to 50 feet of drill, 2 to 3 bushels per acre.



St. L. S. Co.'s Extra Early

### EXTRA EARLY VARIETIES

**ST. L. S. CO.'S IMPROVED EXTRA EARLY**—Superior to all rivals. Very prolific, bushes becoming loaded with large, smooth green peas of beautiful texture. Matures in from 40 to 45 days after germination, very uniformly. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs. \$2.00.

**ALASKA**—One of the earliest smooth varieties. Pods are a dark green color, extra well filled and ripen very uniformly. Height about 2 feet. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

**GRADUS, or PROSPERITY**—The earliest of all the wrinkled Peas. Produces large green pods 4 to 6 inches long. The vines are two feet high, pale green in color; the pods are borne singly and freely from top to bottom of the vine, contain from six to ten Peas of luscious quality. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

### SECOND EARLY AND MAIN VARIETIES

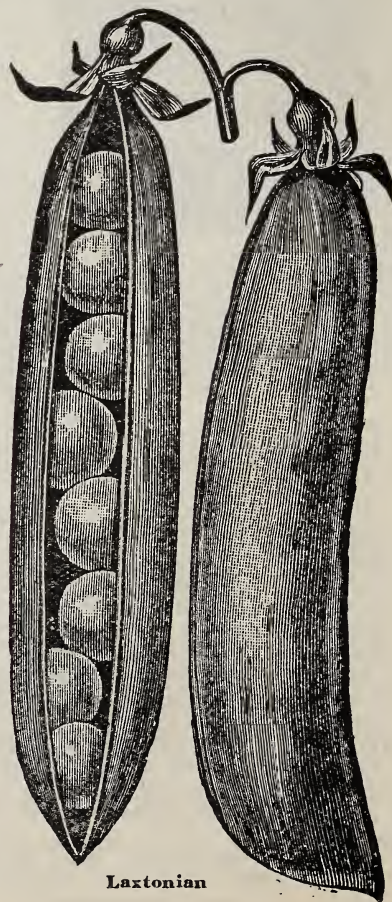
**AMERICAN WONDER**—The old popular favorite among all who grow Peas and year after year has seen greater plantings of this meritorious Pea and especially of our improved strain. In our American Wonder you have all the fine qualities that could be desired for the small dwarf-like bushes are so heavily laden with beans of the finest quality, that for home use it is unequalled. Bushes grow to height of about 15 inches and peas are of that well-liked dark green color. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

**ST. L. S. CO.'S SUTTONS EXCELSIOR**—This Pea is the leader of the main-crop varieties, of vigorous constitution which shows itself in the strong, handsome plant, about 18 inches high. The excellent quality of the peas, large size of the pods, heavy yielding properties and hardiness have made it a great favorite among the gardeners. Peas are of dark green color, stout and heavy, and contain from 7 to 9 Peas of the most exquisite quality. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

**LAXTONIAN**—These Peas possess the admirable merit of preserving their tenderness and luscious flavor after long they are young and what is still more, they retain their attractive dark green color when served. For an unexcelled strain of this famous variety, it will pay you, to get your seed from us. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

**NOTT'S EXCELSIOR**—The best very early, dwarf pea. It combines the good qualities of American Wonder and Premium Gem peas. The vines are larger and more productive than American Wonder. The pods are medium sized, about two and three-fourths inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. A most desirable early sort for the market gardener and unsurpassed for the home garden. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.

**TELEGRAPH**—Peas are very large and of dark green color; seed almost smooth. Vines are tall, about four to four and one-half feet. Pods are exceedingly large, about four and one-half inches long. This is a splendid garden variety and the gardener who plants this variety is sure of a profitable crop. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00.



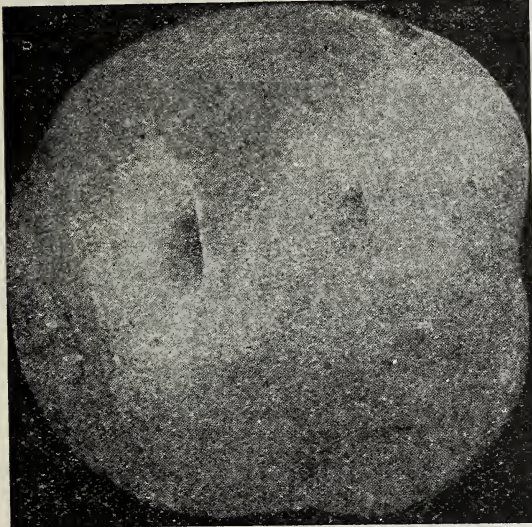
### PEAS, EDIBLE POD

**EDIBLE POD TALL MELTING SUGAR**—A foreign pea, little known in this country. A wonderfully productive sort. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 10 lbs., \$2.50.

**EDIBLE POD DWARF GREY SUGAR**—Of a dwarf growth, a fine edible pod when young. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 10 lbs., \$2.50.

# NORTHERN GROWN SEED POTATOES

**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, 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 of 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. Then plant good-sized pieces, each containing no 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 covered, small plow or other suitable tool. Cultivate often. Spray with Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. 8 to 10 bushels will plant an acre.



## CARMAN

One of the most popular of the Carman group of potatoes. A white, flat variety, which sets its tubers very close to the top of the soil, thus giving good yields in clay soil where other varieties fail. This characteristic applies also to Rural New Yorker. Our seed has been very carefully selected and given the best soil for a number of years. Price: 10 lbs., 60c; 30 lbs., \$1.25; 60 lbs., \$2.25.

## PUMPKINS

(By Parcel Post, add Postage; See Inside Front Cover.)  
One ounce will plant 50 hills.

**CULTURE**—Plant in April or May, among corn, or in the garden, in hills 8 to 10 feet apart, and otherwise treat in the same manner as melons.

**MAMMOTH KING, or POTIRON**—The best large pumpkin in use. Forms immense globular shape, flattened a little at the end. Skin reddish yellow in color and flesh rich orange. This is unquestionably the very best mammoth pumpkin we have. It runs very uniform in shape and color and all are of immense size. Price: Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.

**LARGE CHEESE**—Shape flat; skin mottled light green and yellow, changing to a rich cream color. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 50c.

**KENTUCKY FIELD**—A large, round, slightly ribbed, soft shell, salmon-colored Pumpkin that is very productive and excellent for stock. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 50c.

**SMALL SUGAR**—Best for home use. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.

**JAPANESE PIE**—Similar in size and form to the well-known Cushaw, but the skin is a deep green, with dark stripes, turning to a rich golden yellow. Flesh, deep yellow of fine quality. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.

**TENNESSEE SWEET POTATO**—A good variety for making pies and other cooking purposes. It is medium size, of a white, creamy color, and has an excellent flavor; good keeper. Price: Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., 75c.

## BLISS RED TRIUMPH

Extremely prolific and a full week advance of Early Rose. Color, a beautiful light red. Size, medium. Growth, very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. This potato is in exceedingly high favor with Southern market gardeners and truckers, and is shipped to the Northern markets. Price: 10 lbs., 60c; 30 lbs., \$1.25; 60 lbs., \$2.35.

## EARLY OHIO

**NORTHERN GROWN**—In the Red River Valley. Much need not be said of this great potato. Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety. Price: 10 lbs., 60c; 30 lbs., \$1.25; 60 lbs., \$2.25.

## IRISH COBBLER

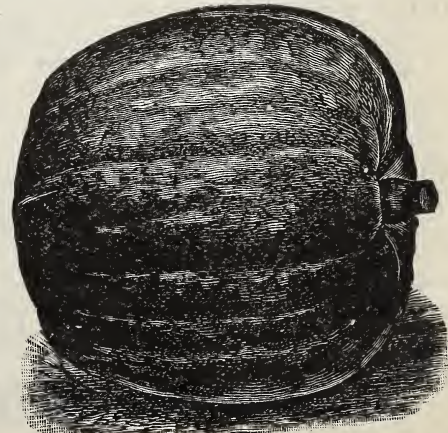
### A FINE EARLY WHITE POTATO

This has become one of the general favorites in all localities for early as well as late planting. When it was first sent out it was not claimed to be particularly early, but extensive growing in this locality proves that it is fully as early as the Early Rose. The tubers are round in shape, eyes somewhat deep, and tubers of both fine appearance and quality. Price: 10 lbs., 60c; 30 lbs., \$1.50; 60 lbs., \$2.50.

## RURAL NEW YORKER

The standard white market potato. It is very large, usually smooth, oblong inclining to round, and rather flattened. Skin and flesh white; quality excellent; season intermediate. Tubers of great uniformity in size; almost every one marketable. Known everywhere as "Dusty" Rural. Price: 10 lbs., 60c; 30 lbs., \$1.25; 60 lbs., \$2.25.

PRICES ARE SUBJECT TO  
CHANGE ON ALL POTATOES



# RADISH

(By Parcel Post, add Postage; See Inside Front Cover.)

If in the market for large quantities, please write for special price.

**CULTURE**—Sow seed as early in Spring as ground can be well cultivated, in drills, 10 to 12 inches apart; thin out to 1 inch apart for small, 2 to 4 inches or large varieties. Soil should be rich, light and well pulverized. Continue sowing every week or ten days for continuous crop. Quick growth insures good quality; they mature in from 18 days to 4 or 5 weeks, according to variety. One ounce to 100 feet of drill, 10 to 12 pounds per acre.

**EARLY SCARLET TURNIP WHITE TIP**—A very handsome and attractive Radish of a rich, carmine scarlet color and tipped white. It is invaluable for forcing or for open air growing and always a big demand for this fine variety. Its flavor is excellent and its qualities have made it stand out above the ordinary varieties for market growing or for home use. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.**

**FIRE BALL RADISH**—It is a "Fire Ball" both in growth and appearance and Radishes in 21 days from the time of planting is the unrivaled record held by this fine strain. Its rich, crisp brittle flavor, with remarkably good growth and fine pinkish red color has made it a universal favorite. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c; 5 lbs., \$4.25.**

**EARLY SCARLET GLOBE**—The interior of the root is pure white, mild, crisp and fine grained. Its season is rather short, and it must be pulled reasonably soon after maturity. Recommended for the home garden, for the market garden or for greenhouse forcing. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c; 5 lbs., \$4.00.**

**PHILADELPHIA WHITE BOX**—This famous white turnip-shaped or globe-shaped Radish is the foremost of its class. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.**

**ST. L. S. CO.'S CRIMSON GIANT**—It is round, bright crimson, attaining a maximum size before becoming pithy, of one and three-quarters inches long by one and one-quarter inches in diameter. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c; 5 lbs., \$4.00.**

**EARLY SCARLET TURNIP**—The famous small round red crisp, tender, solid and brittle. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

**YELLOW OVAL SHAPED**—A fine summer turnip-shaped variety; yellow in color, but white meat and tender. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**



Long White Strassburg

**WHITE STRASSBURG**—Even when comparatively small this variety is in good condition for use and continues crisp until matured. The roots are rather thick at the shoulder and are usually somewhat tapering. This is one of the best large, white later summer sorts for home garden and market. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.**

**FRENCH BREAKFAST**—Too well known to need any introduction. Scarlet with white tips. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

**WOOD'S EARLY FRAME**—In shape half long; much used for forcing. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

**ICICLE**—Our strain of ICICLE is excellent as well as profitable and used for either forcing or for outdoor planting. A fine variety for market and private gardeners, who have a demand for an early long white radish. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

## WINTER VARIETIES

**ROUND BLACK SPANISH**—The roots are round, sometimes slightly top-shaped, three or four inches in diameter. The skin is almost black. The flesh is white, very compact, decidedly pungent, but well flavored. The variety keeps well through the winter. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.**

**LONG BLACK SPANISH**—One of the best for winter use. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.**

**WHITE SPANISH**—Very solid and tender. The best white Radish for late Fall planting; largely used by our market gardeners. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.**

**ROSE COLORED CHINA**—Root long, of a fine scarlet color Extremely solid and a most excellent keeping variety. **Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lbs., 90c.**



Early Scarlet Turnip White Tip



**RHUBARB**

(Rharbarber)

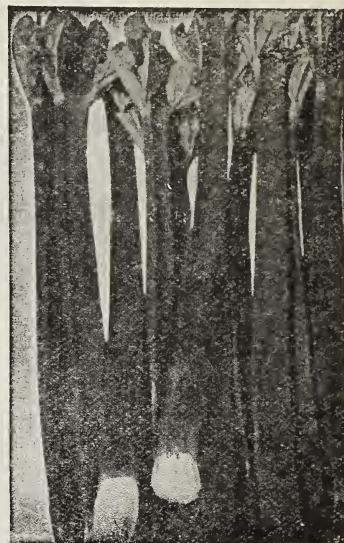
(Parcel Post Rate, See Inside Front Cover.)

**CULTURE**—This plant is mostly propagated by division of the roots. The best time to set out the plants is early in the Spring, although it is sometimes done in Autumn.

**EARLY LINNAEUS**—The earliest and tenderest variety, fine for sauce, pies, etc. Grown largely by gardeners for early market. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**MYATT'S VICTORIA**—Later than Linnaeus, but mammoth in size; also of a finer quality. Very juicy, tender and almost stringless. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**RHUBARB ROOTS**—Strong roots. Two years old. Price: Each, 20c; doz., \$2.25; 100 for \$17.00.

**OYSTER PLANT OR SALSIFY**

One ounce will sow 50 feet of drill.

**MAMMOTH SANDWICH ISLAND**—The favorite variety of Salsify, as well as the largest and best sort in cultivation; very hardy. Grown extensively by gardeners and truckers everywhere. Price: Pkt., 10c; oz., 25c; ¼ lb., 85c; 1 lb., \$3.00.

**SPINACH**

(Spinach by Parcel Post, See Inside Front Cover.)

One ounce will sow 50 feet of drill. Twenty to twenty-five pounds will sow an acre.

If in the market for 50 or 100 lb. lots or over, please write for special price.

**CULTURE**—Spinach may be sown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer crop.

**LONG STANDING**—A very dark green, crumpled variety in general appearance similar to Savoy Leaved but considerably larger and broader in leaf. Price: Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 10 lbs., \$2.50.

**BLOOMSDALE, or SAVOY**—This is by far the most popular Spinach among the gardeners and is the best Spring and Fall Spinach ever offered. It quickly grows into a fine, large crop and a crop of this variety outweighs any other variety. Price: Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; 10 lbs., \$2.50.

**NEW ZEALAND**—Makes a luxuriant growth all Summer. In its appearance it is entirely distinct from other Spinach. It is of exceptional fine quality and extremely tender. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**KING OF DENMARK**—A very valuable new variety. King of Denmark Spinach stood two weeks longer without running to seed than any other kind. The leaves are very thick, dark green and curled or blistered. Plants grow rapidly and are ready to use as soon as the earliest kin is, yet remain in good condition much longer. The plants form quite large tufts, compact and low. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; 10 lbs. \$4.00.

**SQUASH**

(By Parcel Post, See Inside Front Cover.)

One ounce of the small seeded varieties will plant 20 hills; 2 to 3 pounds an acre.

**CULTURE**—Do not plant until settled weather, as plants are very tender. Use same methods as for Cucumbers and Melons.

**EARLY WHITE SCALLOP BUSH**—A beautiful white Squash of light cream color, large size flat. Elegant for home use. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**MAMMOTH WHITE SCALLOP BUSH**—This handsome large white variety is about twice the size of the Early White Scallop Bush, purer white color and in quality is far superior to above. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**YELLOW SUMMER CROOKNECK**—This handsome variety is an ideal baking sort as well as being enormously productive. It is of a bush form. Small crooked neck, with warts. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

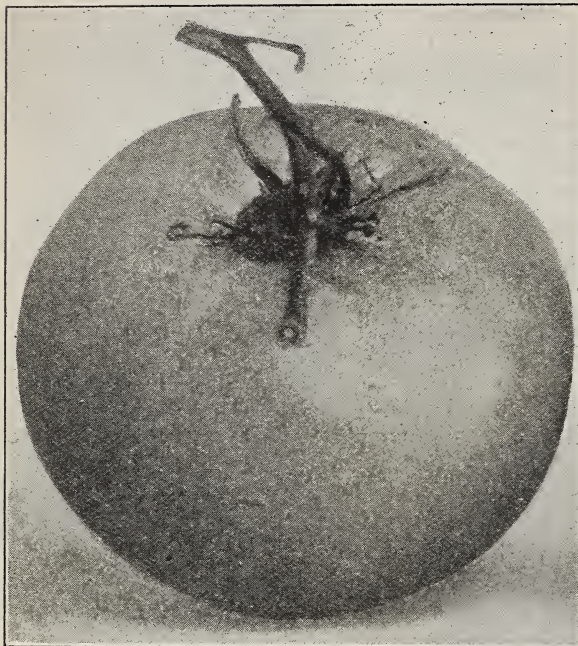
**HUBBARD**—Time-tried and worthy of the consideration of all and should be planted by everyone who relishes squash. Flesh is of a dark yellow color, fine grained. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**IMPROVED STRIPED CUSHAW**—It is of a beautiful variegated coloring, producing stripes of a mottled effect. Very prolific and of medium size; an ideal baking variety. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

**COCCELLE BUSH**—A summer squash of compact bush form. The fruits are oblong, 12 inches or more in length and 4 to 5 inches in diameter. Skin dark green with stripes of a still darker shade, and marbled with yellow. Should be eaten when half grown at which time the flesh is very tender and may be cooked like other squash or fried like eggplant. Price: Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Hubbard Squash



Gulf State Market

## SECOND EARLY, OR MAIN CROP

**GULF STATE MARKET**—Although this variety was developed primarily to meet the demands of tomato growers who ship to distant markets, its many excellent qualities make it also a very desirable sort for the home gardener or the grower for local markets. Fruits medium to large, round or globe shaped, show but little depression about stem and are smooth and free from cracks. Color deep purplish pink ripening well about the stem. The skin is firm and the flesh solid. Unsurpassed by any as a shipping variety and one of the most desirable home or market garden sorts. **Price: Pkt., 10c; ½ oz., 45c; oz., 75c.**

### ST. L. S. CO.'S IMPROVED EXCELSIOR—

Our strain of this famous tomato is simply superb. It is of a dark, glossy, purplish red, very large and very solid. The plants make a very strong growth, are hardy and bear most plentifully. This fruit is produced in clusters of four to six large and of perfect shape, and retain this size until late in the season. Ripening early, with flesh of the most excellent quality, and with the seed cells very small, it is the ideal Tomato. We have a very carefully selected stock of this universal favorite and if you want to plant a Tomato for big crop, this variety is unexcelled. For the home garden, its tender meat and scarcity of seeds have made it a real leader and we cannot urge you to strongly to make a test of this excellent variety. It stands supreme and we want everybody to grow some of this variety and it will appeal to you as the one perfect variety for you to plant season after season. And our strain is the strain that will please you. **Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.50.**

## TOMATO

One ounce will produce about 1,000 plants.  
Prices Postpaid.

**CULTURE**—The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high, they should be transplanted into another hotbed and planted 4 inches apart, or planted in 4-inch pots, allowing a single plant to a pot. About the 15th of May the plants may be set out in the open ground 3 feet apart. Water freely at the time of transplanting. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot, and placing it in a sunny window of the room or kitchen. The fruit is greatly improved in quality if the vines are tied to a trellis or to stalks. **Price Postpaid.**

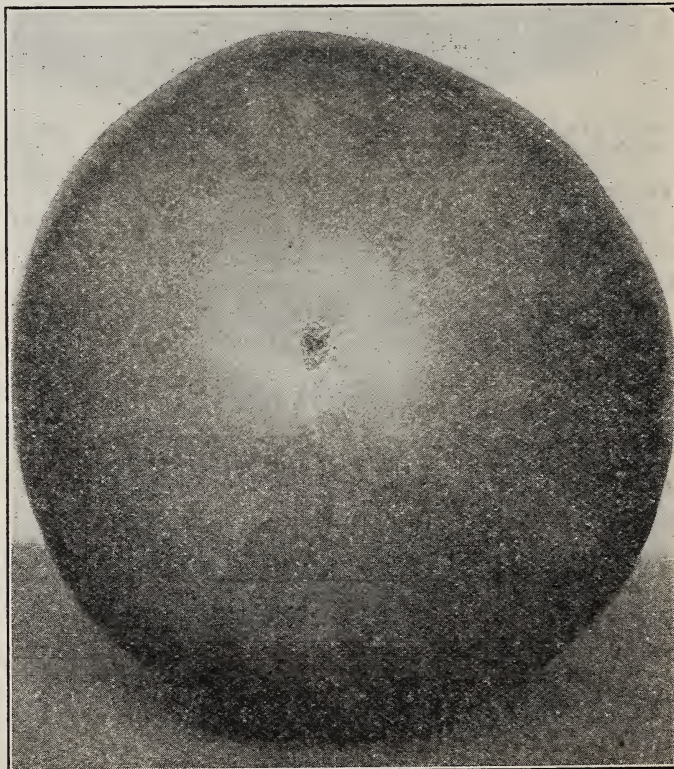
### EARLY SORTS

**BONNY BEST**—This variety is a favorite for forcing; just the size wanted (round); color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Everything is in its favor for a forcing Tomato. **Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.**

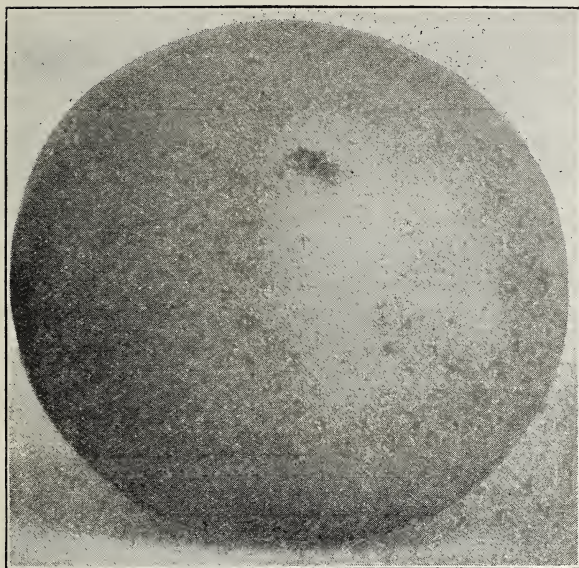
**EARLIANA (The Earliest Red Tomato)**—The plants are of compact growth, with short, close-jointed branches, setting the fruit very freely in the center. The Tomato is of uniform size, averaging 3 inches in diameter, and from 2 to 2½ inches in depth; solid, with few seeds, making a splendid variety for shipping. **Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.**

**JUNE PINK**—The earliest pink Tomato, similar to Earliana except that the color is pink instead of red. The fruits are of fair size and ripen evenly, practically permitting the entire crop to be harvested at one time. **Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.**

**EARLY DETROIT**—The largest and best of the early purplish pink Tomatoes. Vine vigorous and very productive. Fruits very smooth, uniform in size, nearly globe-shaped; firm, and excellent quality. **Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.50.**



St. L. S. Co.'s Improved Excelsior

**TOMATO**—Continued Price Postpaid**Livingston Globe.**

**DWARF CHAMPION**—This is sometimes sold as the "Tree Tomato." It is a second early or main crop, purplish pink variety, especially desirable where garden space is limited. The vines are about two feet high, vigorous upright and compact. The fruits are medium sized, exceptionally smooth and of very good quality. Our stock is a very superior strain with more even, smoother fruit than the original. Price: Pkt., 10c; oz., 25c; ¼ lb., 75c.

**SMALL FRUITED TOMATOES**

**GOLDEN BALL**—A beautiful large, round, yellow sort. Very fine flavored. Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**HUSK, OR GROUND CHERRY**—A favorite canning or preserving variety Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**PEACH**—Size, shape and color of a peach. Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**YELLOW PEAR**—Excellent for "putting up." Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**YELLOW PLUM**—Popular small yellow, for preserving. Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**RED CHERRY**—Fruits small, about five-eighths of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**RED PEAR**—Used for preserves and to make "Tomato Figs." Fruits bright red, distinctly pear shaped and of excellent flavor. Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Above prices postpaid.

**SECOND EARLY, OR MAIN CROP.**

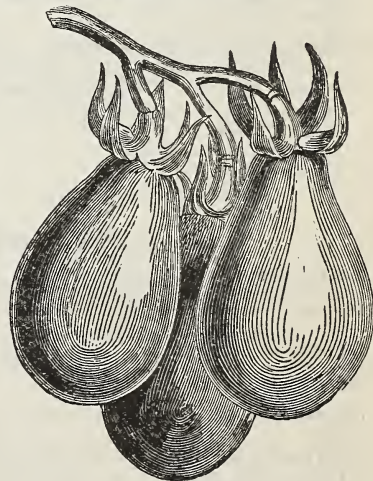
**LIVINGSTON'S BEAUTY**—This standard Tomato is well known. Grows in large clusters and retains its large size late in the season. Color, "purple." Price: Pkt., 10c; oz., 25c; ¼ lb., 75c.

**LIVINGSTON GLOBE**—A large, purplish pink, globe-shaped or very nearly round tomato of excellent quality. It is extensively used for shipping. The vines are very vigorous and productive. The fruits are rather uneven in size but are very smooth and mature a little earlier than most mid-season or main crop varieties. Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.50.

**PONDEROSA**—A purplish pink, main crop tomato of the largest size. The vines are vigorous and very productive. The fruits are very solid, with exceptionally few seeds, fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. It is very desirable for slicing. Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.40.

**STONE**—One of the largest and most solid, main crop or late bright red varieties. It is unsurpassed for slicing and canning. The vines are large, vigorous and very productive. The fruits are bright deep scarlet, oval and very deep, exceptionally smooth and uniform in size. Our stock is distinctly superior to most of that offered under this name, being larger, smoother, more uniform and better colored. Price: Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

**MAMMOTH LARGE RED**—This famous variety is enormous both in size and yield, it being one of the largest smooth, round, red Tomatoes. Clear, bright red color. Flesh is thick and heavy. Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.50.



We deliver free in the U. S. all vegetable and flower seeds by the packet, ounce or quarter pound.

**TOBACCO**

**DARK PLUG WRAPPER—BIG ORONOKA**—A favorite Virginia variety. Grows very large, broad leaves. Price: Pkt., 10c; ½ oz., 25c.

**MISSOURI BROAD LEAF**—A well-known standard sort; very large yielder, an ideal sort for home use. Price: Pkt., 10c; ½ oz., 25c.

**WHITE BURLEY**—The standard main crop variety which produces one of the most fashionable types for manufacturing and cutting. Price: Pkt., 10c; ½ oz., 25c.

**HAVANA**—The leading smoking variety. Commands a high price for cigar stock. Price: Pkt., 10c; ½ oz., 25c.



Mo. Broad Leaf

## TURNIP

One ounce will sow 200 feet of drill, one to two pounds for an acre.

**CULTURE**—For early sow seed of flat varieties in open ground in spring in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Rutabagas sow seed in seed-bed in Spring and transplant to good warm soil, in rows at least 2 feet apart and 3 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.



Early Purple Top Milan

**EXTRA EARLY PURPLE TOP MILAN**—Fully a week earlier than any variety. Flat and smooth; of medium size. Pure white flesh of choice quality. A good keeper. Fine table variety to grow either Spring or Fall. Price: Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

**PURPLE TOP WHITE GLOBE**—This excellent table variety is globular in shape, of good size and very attractive appearance. The roots are large, purple or dark red above ground, white below. The flesh is white, fine grained and tender. The roots when in best condition for the table are about three inches in diameter, but can be grown much larger for stock feeding. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., \$2.50.

**PURPLE TOP FLAT STRAP LEAF**—A very early strap-leaved variety, very extensively used for the table. The leaves are few, entire, upright in growth. The roots are flat, of medium size, purple or dark red above ground, white below. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 50c.

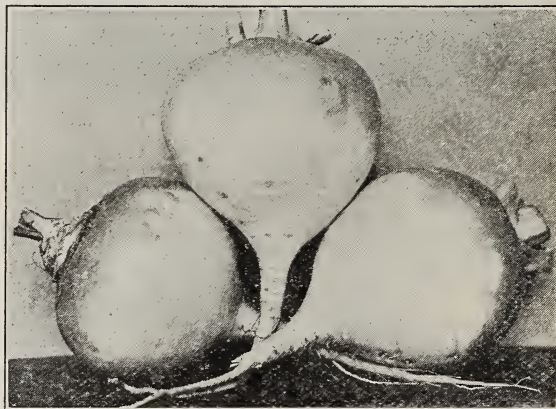
**WHITE GLOBE**—The king of all mammoth white Turnips. Immense white, globe-shaped roots. Considering the size, it matures early. A very good autumn variety. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**YELLOW OR AMBER GLOBE**—Is the staple yellow Turnip, both for table and for feeding stock. Heavy cropper and keeps well. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**WHITE EGG**—An early, oval or egg-shaped variety with smooth, clear white roots of medium size which grow half out of the ground. The tops are small with leaves distinctly cut. The flesh is clear white. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**SEVEN TOP**—Grown only for the tops, which are used for greens or salad in the South. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**AMERICAN YELLOW PURPLE TOP**—The most satisfactory variety of Rutabaga to grow for either family use or stock feeding. Is very hardy and productive. Flesh yellow, solid and sweet. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.



Purple Top White Globe

## HERBS

### SWEET, MEDICINAL AND POT HERBS

**CULTURE**—For early use sow seed in hotbed in March, or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

The varieties marked in asterisk (\*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in bottles and cork tightly, and store them away, which will preserve them for any period.

**ANISE**—Seeds aromatic and carminative. Price: Pkt., 10c.

**BALM**—For balm tea or balm wine. Price: Pkt., 10c.

**BASIL SWEET**—For highly seasoned dishes, soups, etc. Price: Pkt., 10c.

**BORAGE**—Used as a salad. Price: Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**\*CATNIP or CATMINT**—Leaves for seasoning. Price: Pkt., 10c.

**\*CARAWAY**—For flavoring bread. Price: Pkt., 10c.

**CHERVIL, CURLED**—Largely used in soup. Price: Pkt., 10c.

**CORIANDER**—For flavoring cakes, etc. Price: Pkt., 10c; oz., 20c.

**DILL**—For flavoring pickles and as a condiment. Price: Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.00.

**\*FENNEL SWEET**—Used in sauce. Price: Pkt., 10c.

**\*HOARHOUND**—For cough remedies. Price: Pkt., 10c.

**\*LAVENDER**—Leaves for seasoning, dried flowers for perfuming. Price: Pkt., 10c.

**MARJORAM**—Sweet—Used like sage and thyme in seasoning. Price: Pkt., 10c.

**\*ROSEMARY**—Hardy, aromatic, evergreen shrub. Price: Pkt., 10c.

**\*SAGE—Common**—Price: Pkt., 10c; oz., 25c; ¼ lb., 90c; ½ lb., \$1.50.

**\*SAVORY—Summer**—Thyme-like flavor. Price: Pkt., 10c.

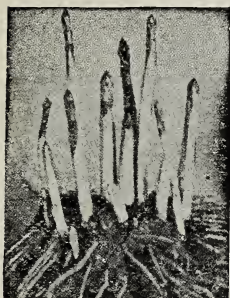
**\*SORREL—Broad-Leaved**—For boiling "greens" or salad. Cook like spinach, or with it, one-third Sorrel. Price: Pkt., 10c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

**\*THYME**—Sweet—For seasoning soups, etc., also tea for nervous people. Price: Pkt., 10c.

**TARRAGON (Estragon)**—For flavoring. The young leaves are used for pickles, vinegar, etc. Price: Pkt., 10c.

**\*WOODRUFF**—Fragrant leaves and stems; used for putting among clothes. Price: Pkt., 10c.

**\*WORMWOOD**—Used medicinally and in liquors; a good tonic for poultry. Price: Pkt., 10c.



## VEGETABLE PLANTS

Plants sent by express, purchaser paying charges.

### ASPARAGUS ROOTS

**CULTURE**—The demand for Asparagus as an early Spring vegetable is becoming quite popular. An Asparagus bed intended for family use can be quickly established by the planting of roots, which should be set out in the spring in rich soil. Dig a trench about 2 feet deep and 1 1/2 feet wide, and fill to about one foot from the surface with well-rotted manure. On this put about six inches of good garden soil and lay the roots 18 inches apart, then fill up, leaving the crown about 4 inches below the surface. Asparagus should not be cut until the second year.

Extra-choice Two-year Roots.

|                        | Doz.   | 50     | 100    | 1000  |
|------------------------|--------|--------|--------|-------|
| Columbian Mammoth..... | \$0.25 | \$0.95 | \$1.75 | 15.00 |
| Palmetto.....          | .25    | .95    | 1.75   | 15.00 |

(By Parcel Post, add 5c Doz. Postage.)



### HORSERADISH SETS

**HORSERADISH ROOTS**—The soil should be very rich and well cultivated. Price: 12 for 20c; 4 doz. for 60c; 100 for \$1.00; 1000 for \$8.00

(By Parcel Post, add 10c per 100 Postage.)

### RHUBARB ROOTS

**WHEN** only a few plants are required, we would suggest the purchase of roots instead of seed. From our medium size or large clumps, Rhubarb stalks can be cut the following season. The growth of the plant is very rapid from these clumps. Transplant roots in Fall, or Spring, in highly manured soil, setting them 4 to 6 feet apart each way. Do not pull stalks until second year after transplanting roots.

|                 | Each   | Doz.   | 100     |
|-----------------|--------|--------|---------|
| 2-year-old..... | \$0.20 | \$2.25 | \$17.00 |

(By Parcel Post, add 5c Each;)

### ONION SETS

(By Parcel Post, add 5c a quart postage. Prices subject to change.)

**THE** advisability of planting onion sets is recognized everywhere and if you want fine young green onions in short time.

**WHITE ONION SETS**—For setting in early Spring to produce the first early white Onions. We have select grade of these sets. Price: Qt., 25c; gal., 75c; bu. (32 lbs.), \$3.50.

**YELLOW ONION SETS**—These, like the white and red, are for early setting in Spring. Fine for raising early big onions. Price: Qt., 25c; gal., 75c; bu. (32 lbs.) \$3.00.

**RED ONION SETS**—Very widely used for setting in early Spring to produce green onions for the table, and also for large onions. Price: Qt., 25c; gal., 75c; bu. (32 lbs.), \$3.00.

**CABBAGE PLANTS**—Plants should be set about 2 1/2 to 3 feet apart each way. April and May delivery.

|                        | 25     | 50     | 100    | 1000   |
|------------------------|--------|--------|--------|--------|
| Wakefield.....         | \$0.25 | \$0.45 | \$0.75 | \$6.50 |
| Copenhagen Market..... | .25    | .45    | .75    | 6.50   |
| All Season.....        | .25    | .45    | .75    | 6.50   |

(By Parcel Post, add 10c per 100 for Postage.)

**CAULIFLOWER PLANTS**—April and May delivery. Plants should be set 2 1/2 to 3 feet apart each way.

|                                  | Doz.   | 4 Doz. | 8 Doz. |
|----------------------------------|--------|--------|--------|
| Cauliflower, Ea. Dwarf Erfurt... | \$0.15 | \$0.50 | \$1.00 |
| Kohl-Rabi.....                   | \$0.25 | \$0.45 | \$0.75 |

(By Parcel Post, add 10c per 100.)

**TOMATO PLANTS**—We make a specialty of growing Tomato plants, and can furnish the following varieties after May 10 in fine, strong, stocky plants. Ready May and June.

|                         | Doz.   | 4 Doz. | 8 Doz. |
|-------------------------|--------|--------|--------|
| Tomatoes—Ponderosa..... | \$0.20 | \$0.75 | \$1.25 |
| Improved Excelsior..... | .20    | .75    | 1.25   |
| Dwarf Champion.....     | .20    | .75    | 1.25   |
| Stone.....              | .20    | .75    | 1.25   |

(By Parcel Post, add 15c per 100 for Postage.)

**PEPPER**—Ready for May and June.

|                               | Doz.   | 4 Doz. | 8 Doz. |
|-------------------------------|--------|--------|--------|
| Pepper—Bell or Bull Nose..... | \$0.20 | \$0.75 | \$1.25 |
| Chinese Giant.....            | .20    | .75    | 1.25   |
| Red Cayenne.....              | .20    | .75    | 1.25   |

(By Parcel Post, add 5c Doz. Postage.)

**Sweet Potatoes**—Red, Yellow and white, not less than..... \$0.40 \$0.70 \$6.00  
Ready May and June.

(By Parcel Post, add 15c per 100.)

## STRAWBERRY PLANTS

(By Parcel Post, add 10c per 100 Postage.)

### PLANTS READY MAY AND SEPTEMBER

**WARFIELD (Early)**—Plant a vigorous grower, tough and hardy, and very productive. Fruit large, conical. Color dark glossy red; excellent flavor.

**DUBACH (Medium)**—Of large and uniform size, fine form and color, great vigor of plant and productive.

**AROMA**—Fruit very large, roundish, conical, rarely misshapen, glossy red, of excellent quality. One of the very best varieties.

Price of above: 25 for 35c; 100 for \$1.00; 1000 for \$8.50.

**PROGRESSIVE**—This is the most wonderful ever-bearing strawberry ever produced. A healthy and strong grower; very productive, from June until freezing weather; very drouth resistant; a better berry for a hot, dry climate than any other variety. Size medium to large, very firm, uniform shape, bright red outside and inside. Has the native wild strawberry flavor. Succeeds well anywhere. Price: 25 for 75c; 100 for \$1.50; 1000 for \$12.00.

## FARM and FIELD SEEDS

"PURE AND SURE SEEDS"—BIGGER AND BETTER CROPS

**M**OST important to all who depend for their living on the products of the soil is **Selected Seeds**, that not only will germinate and are reliable, but that will produce bumper crops, that will fill the granary with fine high-priced wheat, and the corn bin full of this great product. "Pure and Sure" Seeds are the kind that produce the crops that mean great big profits from a small outlay of money. You cannot afford to waste your time planting cheap seeds when you look for results from your plantings. It is poor economy to plant untested seeds when for a little more you can have seeds of the highest quality, and that is what you want. You can have confidence in the quality of our Pedigreed Seeds for we have made a specialty of farm seeds and the value of the same cannot be exaggerated. Let us know what you want in the line of field seeds, and we guarantee you quality that cannot be equaled for the price.

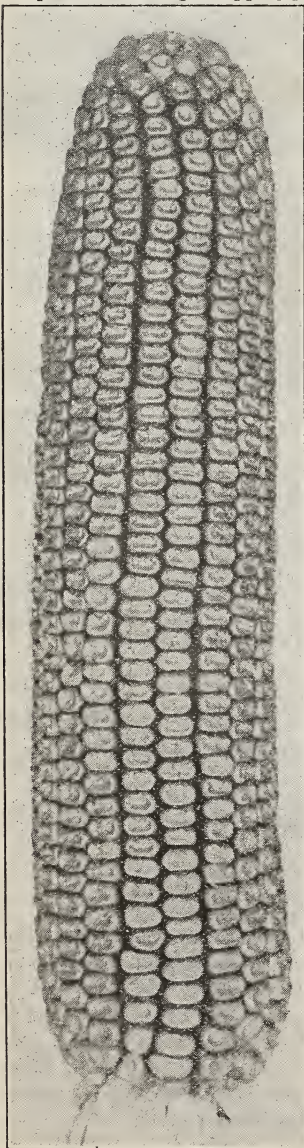
Bu.  
56 Lbs.

### ST. LOUIS SEED CO.'S SELECTED SEED CORN

Bu.  
56 Lbs.

Extra charge for Bags; ½ bu. cotton, 10c; 1 bu. cotton, 20c; seamless bags, 45c.  
**GRADED SEED CORN**

**W**E CAREFULLY grade all seed corn which we send out, removing the extreme tip and butt kernels so that it is readily planted with edge-dropping planters. But the grading is only a part of the labor which we give to the production of good seed corn. All varieties are carefully grown under the direct supervision of our company. It is gathered early and stored in our seed corn house, where every ear is carefully inspected by experts and only those absolutely true to type and of strong vitality are shelled for seed purposes. You cannot buy better seed in America, no matter what the price.

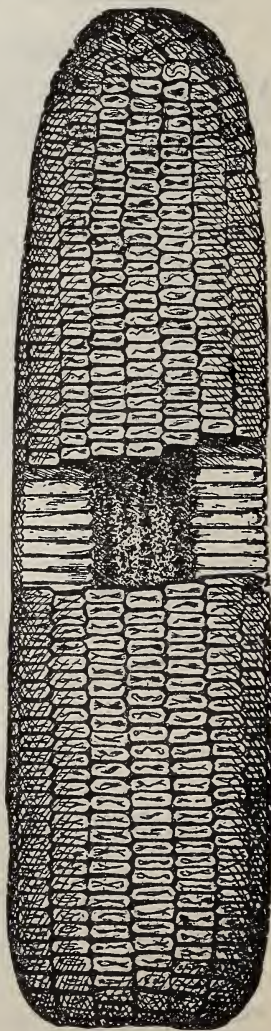


Pride of the North

#### CHAMPION EARLY WHITE PEARL

(90 days)

**T**HIS is the earliest snow white Dent corn. Grown extensively by gardeners for roasting ears. It is an immense yielding variety and very uniform in shape, size, etc., and therefore its great market demand. The ears grow very large—the cob small, two great factors of profit in corn. Our selected seed of this variety is without equal anywhere and the many good reports about this variety have far exceeded our expectations. You cannot buy better seed corn at such a low price. Price: 5 lbs., 50c; 15 lbs., \$1.00; 25 lbs., \$1.40; 56 lbs., (1 bu.), \$2.60.



Champion Early White Pearl.

#### PRIDE OF THE NORTH

(90 days)

**T**HE great favorite of the extreme Northern States and a most useful variety where a late planting is necessary. The ears run from seven to nine inches long, with small cob and deep kernels; ears usually contain from fourteen to eighteen rows; will ripen and mature anywhere in ninety days; can be planted as late as June 25th and make itself by September 10th. Good soil is capable of growing four to six stalks to the hill; many stalks have two ears and usually produce from forty to fifty bushels of good, sound corn per acre. Price: 5 lbs., 50c; 15 lbs., \$1.00; 25 lbs., \$1.40; 56 lbs., (1 bu.), \$2.60.

#### IOWA SILVER MINE

(Matures 100 days)

**T**HIS is not a new variety, but is one of the best-known sorts, on account of its great popularity and wonderful record. It is noted for its great vitality to withstand and resist extreme conditions of weather, wet or dry; also hot weather, and makes good crops where other sorts wither, burn up and perish under hot winds and scorching sunshine. Each year we have grown this corn we have sought to select and improve it in every way possible, not so much to increase the size of the ears, but to increase uniformity of size and number of ears to the stalk.

Stalks grow 8 to 10 feet in height and ears set well down toward the ground. Price: 5 lbs., 50c; 15 lbs., \$1.00; 25 lbs., \$1.40; 56 lbs., (bu.) \$2.60.

**ST. L. S. CO.'S WHITE STAR**

(Matures 110 days.)

**THIS** wonderful white dent corn is known, grown and more extensively planted than any White Corn ever introduced. It is adapted to a wide range of conditions, and is a corn of the North, South, East and West, and a variety that always, everywhere gladdens the hearts of the farmers and fills his cribs at harvest time.

Our seed of this variety is the best we have ever had and we look for the demand to be greater than ever for our White Star. You cannot plant a better variety and you know that your order for this corn will be filled with the highest grade, selected, pedigreed seed corn, and at a price that is almost unbelievable. Price: 5 lbs., 50c; 15 lbs., \$1.15; 25 lbs., \$1.50; 56 lbs. (bu.), \$2.90.

**REID'S YELLOW DENT****The Most Popular Yellow Dent Corn in the Great Central Corn Belt.**

(Matures 110 days)

**IF ANY** seed can truly be called pedigreed, the Reid's Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what is at the present time—one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well-filled over the ends, and especially the butt. Price: 5 lbs., 50c; 15 lbs., \$1.00; 25 lbs., \$1.40; 56 lbs. (bu.), \$2.60.

**GOLD BOND**

**IF ANY** seed grain can truly be called pedigreed, the Gold Bond Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what it is at the present time—one of the best varieties of yellow Corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row.

You will be an enthusiastic booster of our Gold Bond once you have planted it. Price: 5 lbs., 50c; 15 lbs., \$1.15; 25 lbs., \$1.50; 56 lbs. (bu.), \$2.90.

**BOONE COUNTY WHITE**

(Matures 120 days)

**BOONE COUNTY WHITE**—Is a highly bred variety of white corn of extra large size, containing a high percentage of oil. It is late maturing, but with good long seasons and favorable conditions, it is a splendid yielder. In many places it is a great favorite. The ears are from 9 to 12 inches long,  $7\frac{1}{2}$  to  $8\frac{1}{2}$  inches in circumference, containing 18 to 24 rows. The cob is medium large and pure white in color. We supply only the very best quality seed, true to type in every way, and this variety is well worth a trial. Price: 5 lbs., 50c; 15 lbs., \$1.00; 25 lbs., \$1.40; 56 lbs. (1 bu.), \$2.60.

**ST. CHARLES WHITE, RED COB**

(Matures 120 days)

**THIS** excellent variety was introduced in St. Charles County, Missouri, and is very popular with a large number of our customers, especially in that vicinity, where plantings are made every year. It is a very handsome, pure variety of white corn, set on a red cob, and the ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels.

Our seed stock of this variety was grown from pure, genuine stock and can be relied upon to give the best possible results to be obtained from this variety. Price: 5 lbs., 50c; 15 lbs., \$1.00; 25 lbs., \$1.40; 56 lbs. (1 bu.), \$2.60.

**POP CORN**

See Page 15.



A Fine Alfalfa Field

## CLOVER SEED (Bu. 60 Lbs.)

(Field Seeds by Parcel Post, See Inside Front Cover.)

Bags extra at cost.  $\frac{1}{2}$  Bu. cotton, 20c; seamless, 45c each.

**ALL PRICES ON FIELD SEEDS ARE SUBJECT TO MARKET CHANGES. ALL ORDERS FILLED TO THE AMOUNT OF REMITTANCE AT MARKET PRICES WHEN ORDER IS RECEIVED**

100 lbs. lots, write for price

**CLOVER** can be sown in the Spring, from February to April in this locality, varying earlier or later according to other latitudes. Excellent results can also be obtained from sowing it on late snows, as with the melting of these the seed soaks into the earth about the right distance. The Summer and early Fall sowing of clover is also giving most satisfactory results, and a full crop can be cut the succeeding year when this is done.

**ALFALFA CLOVER (Fancy)**—The King of Forage Plants.—Alfalfa is the corner-stone upon which is being built the prosperity of wide areas of our agricultural country—with its never-failing three and four crops of from five to six tons per acre. Price: lb., 45c; 5 lbs., \$1.90; 25 lbs., \$7.50; 100 lbs., \$27.00.

**ALSIKE CLOVER**—This is one of the hardest varieties known. It is perennial and does not winterkill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. Price: lb., 40c; 5 lbs., \$1.75; 25 lbs., \$7.50; 100 lbs., \$28.00.

**RED CLOVER**—This is regarded as the most valuable of the Clover family. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed. Our strictly "Fancy Recleaned" grade cannot be surpassed by anyone. Price: lb., 50c; 5 lbs., \$2.25; 25 lbs., \$8.50; 100 lbs., \$32.00.

**CRIMSON CLOVER**—It can be seeded at any time from June to October, at the rate of fifteen to twenty pounds to the acre, and makes the earliest possible spring pasture. Price: lb., 30c; 5 lbs., \$1.25; 25 lbs., \$5.00; 100 lbs., \$18.00.

**SWEET CLOVER (White Blossom)**—It is a biennial leguminous plant, tall, somewhat like coarse alfalfa, growing 8 to 10 feet high. Its blossoms, which rarely appear until the second year, are white and give a strong smell of honey. If not allowed to re-seed, it will die out the second year. Price: lb., 35c; 5 lbs., \$1.60; 25 lbs., \$6.25; 100 lbs., \$20.00.

### WHITE DUTCH CLOVER

A low, close growing Clover; round, white heads very fragrant. Very desirable for beautifying the lawn. Price: lb., 90c.



Crimson Clover



## FARM SEEDS—Continued

FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.

Bags extra at cost—Cotton, Pk., size, 10c; ½ Bu., 20c; 2 Bus., Seamless, 45c.

PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES

100 lb. lots write for price.



Kaffir Corn

### BARLEY

**SPRING BARLEY**—It can be grown on almost any kind of soil and produces a crop even on light soil which will not produce wheat or oats. Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$1.25; 100 lbs., \$1.50.

### BUCKWHEAT

**COMMON**—It is much more productive than any other and succeeds well almost any place. Price: lb., 15c; 5 lbs., 50c; 100 lbs., \$5.50.

### BROOM CORN

**STANDARD EVERGREEN BROOM CORN**—Grows about eight to ten feet high, stands up well and is entirely free from crooked brush. Price: lb., 20c; 5 lbs., 75c.

### CANE

**EARLY AMBER**—Farmers and stockmen say that Early Amber Cane is the most valuable fodder plant in existence. Not only is it adapted for feeding purposes, but it has great qualities as a Sorghum. Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$2.00.

**EARLY ORANGE**—A variety well adapted for the South. It is from eight to ten days later than the Early Amber. Price: lb., 15c; 5 lbs., 60c; 25 lbs., \$2.25.

### COW PEAS

In 100-pound lots, write for prices.

**COW PEAS** are very valuable for hay when cut and also a great soil enricher when plowed under. Cow Peas should be sown at the rate of 1 to 1½ bu. per acre.

**WHIPPOORWILL**—This variety matures in about 70 days and is very largely grown as a soil improver and for pasturage. Has brown speckled seeds. Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$2.00.

**NEW ERA**—This famous variety is grown extensively everywhere and is an early maturing variety of quick, upright growth. The vines make a splendid dry forage, cure easily. Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$2.00.

**MIXED**—We always have a supply of mixed varieties; usually a little lower in price because of this, but equally valuable for forage or for enriching the soil. Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$2.00. Write for prices on larger quantities.

### KAFFIR CORN

**ONE** of the finest fodder plants, yielding two crops each season. Stalks grow to a height of five or six feet, each bearing numerous wide leaves. It is a wonderful yielder and one of the most profitable crops grown.

**WHITE VARIETY**—Price: lb., 10c; 5 lbs., 40c; 25 lbs., \$1.50; 100 lbs., \$1.50.

### MILLETS

(50 lbs. per Bushel)

**GERMAN OR GOLDEN**—It is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds will harden. For hay, sow from May to August 1st. For grain, sow in drills not later than June 20th. Fancy. Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$1.75.

### OATS

It Costs Less to Grow Good Oats Than Poor Ones.

**EARLY WHITE CHAMPION**—This is a well-known variety throughout the central states and northwest. It ripens early and yields abundant crop. It is a large, white oat, free from black kernels. In comparison with other sorts, one close observer has stated, "It has the plumpest kernel of any variety." Price: Bu., 90c; 10 bu., 85c per bu.

**MIXED BLACK**—They are preferred by those who have had experience with them principally on account of their superior yielding qualities, but besides being fully equal if not better than white oats in point of feeding qualities, they possess another very valuable characteristic in the unequalled stiffness and strength of straw. Price: Bu., \$1.00; 10 bu., 95c per bu.

**TEXAS RUSTPROOF**—The ideal Rustproof variety, grown extensively throughout the South, an immense yielder, a sure cropper. Price: Bu., \$1.00; 10 bu., 95c per bu.

## FARM SEEDS—Continued

FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.

Bags extra cost—Cotton, Pk. size, 10c; ½ Bu., 20c; 2 Bus., Seamless, 45c.

PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES.

### PEAS

**CANADA FIELD PEAS**—Valuable for northern climates, for cattle-feeding, especially for milch cows. This pea also makes fine ensilage and for plowing under as a green manure has no equal. Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$3.00; 100 lbs., \$10.00.

### PEANUTS

Planted in April, they ripen in August, and planted as late as July 1st, they will mature full crops before frost. Price: lb., 35c; 5 lbs., \$1.50.

### RAPE—DWARF ESSEX

As a forage plant for hogs, cattle or sheep it cannot be surpassed. No owner of stock can afford to be without this great forage crop. Price: lb., 25c; 5 lbs., \$1.00; 25 lbs., \$4.00; 100 lbs., \$12.00.

### RYE

If sown early in the spring it makes an early and abundant pasture. It is quite commonly employed recently and used with great profit as a catch crop where grain has been winter-killed. Sow 1½ to 2 bushels to the acre. Price: lb., 10c; 5 lbs., 40c; 25 lbs., \$1.25; 100 lbs., \$3.50.

### SUNFLOWER

**MAMMOTH RUSSIAN**—Sunflower Seeds are superior for poultry (said to improve the meat). Price: lb., 20c; 5 lbs., 75c; 25 lbs., \$3.00.

### SOY BEANS

Have been grown successfully in all sections of this country, and by many farmers are preferred to Cow Peas, both for their larger yield of beans, and the fact that they are easier to gather.

**MEDIUM EARLY**—Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$1.60.

**MAMMOTH YELLOW**—Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$1.60.

## GRASS SEEDS

In 100 pound lots, write for prices.

We desire to call particular attention to the fact that Grass Seeds are sold to the trade by sample, and each sort is divided into three or four grades of quality, according to purity, germination and weight. The price of the best grade is often double that of the ordinary. The Grass Seeds here offered by us are in every case the VERY HIGHEST GRADE.

**BERMUDA GRASS**—Used extensively in the South for lawns, where other lawn grasses cannot be successfully grown. Sow seed in the Spring. Price: lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.75.

**BENT GRASS**—This is particularly valuable for lawns that are to be used for croquet grounds or for tennis courts, because it is benefited more than hurt by tramping and by its bright color adds to the beauty of the lawn. Price: 1 lb., 75c; 5 lbs., \$3.50.

**CANADIAN BLUE GRASS (Poa Compressa)**—Also called flat stemmed poa. Flat-stalked Meadow Grass; distinctly blue in color. Grows a foot or more high and yields a great weight of hay. Highly recommended for horses, cows and sheep. Thrives well on clay. Price: lb., 40c; 3 lbs., \$1.15; 25 lbs., \$8.50.

**ENGLISH PERENNIAL RYE GRASS**—(20 lbs. per bu.)—It is invaluable for perennial pastures, for hay if cut when in blossom. Price: lb., 30c; 5 lbs., \$1.30; 25 lbs., \$6.00.

**KENTUCKY BLUE GRASS (Fancy Clean)**—Kentucky Blue Grass is the most nutritious, hardy and valuable of all northern grasses. Sown with White Clover it forms a splendid lawn; for this purpose use not less than fifty pounds of Blue Grass and six pounds of White Clover per acre. Price: lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50.

**ORCHARD GRASS (Rough Cock's Foot)**—A rather coarse perennial grass that forms dense tufts. Flourishes best in the shade. Price: lb., 40c; 5 lbs., \$1.60; 100 lbs., \$24.00.

**RED OR CREEPING FESCUE**—A creeping rooted grass, resisting extreme drought, and especially adapted for forming a close and lasting turf in shady places. Valuable also for exposed hillsides, and golf courses. Sow thirty pounds per acre. Price: lb., 75c; 10 lbs., \$7.50.

**RED TOP**—A very hardy perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. Price: lb., 40c; 5 lbs., \$1.75; 25 lbs., \$7.50; 100 lbs., \$25.00.

**SUDAN GRASS**—Is probably the wild original form of the cultivated sorghums. It is a tall annual grass, growing under favorable conditions to a height of 6 to 10 feet, but when broadcasted thickly, it grows from 3 to 5 feet. The stems are fine. The grass cures easily, making hay of excellent quality, which is readily eaten by all kinds of livestock. It is considerably earlier than the earliest Amber Sorghum, and will probably mature as far north as the Canadian line. Price: lb. 25c; 5 lbs., \$1.00; 25 lbs., \$4.50; 100 lbs., \$16.50.

**TIMOTHY (45 lbs. per bu.)**—The best of all grasses for hay. It should be cut when in blossom, in June or July. It is preferable to sow in the Fall, but we sell almost as much seed in the early Spring, and it is frequently sown then with equal success. Price: lb., 20c; 5 lbs., 75c; 25 lbs., \$3.50; 100 lbs., \$12.00.



Orchard Grass.


## PASTURE MIXTURES

**PASTURE MIXTURE "A"**—Good Moist Soils. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is dryer. If stock does not keep down to six or ten inches use the mower to do so. Do not pasture too closely. This is well suited for "patching" your present pasture by disking or harrowing in. Price: 5 lbs., \$2.00; 25 lbs., \$7.50; 100 lbs., \$25.00.

**PASTURE MIXTURE "B"**—Dry, Hilly Uplands. Sow fifteen to twenty pounds per acre. Recommended for rolling ground, or where stones or sand in soil demand drought-resisting varieties. Plow or disk in where possible, and on unplowed, stumpy or stony ground brush thoroughly. Price: 5 lbs., \$2.00; 25 lbs., \$7.50; 100 lbs., \$25.00.

**PASTURE MIXTURE "C"**—Shaded Pastures. Sow 25 to 30 pounds per acre. This is especially planned to suit the woods, which is often waste except for its timber. Get the seed on and into the ground; do not leave on top of the leaves. The more open use the more seed. Price: 5 lbs., \$2.25; 25 lbs., \$7.75; 100 lbs., \$28.00.

Complete List of Lawn Grasses on Pages 2 and 3



## FLOWER SEEDS

### GENERAL LIST OF FLOWER SEEDS

We mail all Flower Seeds **POSTPAID** to any Post Office in the United States.

**SURROUND** your house with flowers, the most refining and uplifting influence in the world. Nothing can add to the beauty of your home like a flower garden. Here you can spend many pleasant hours; it is an enjoyable task to plan them, watch them grow and pick them for ornaments.

Years of experimenting, testing and selection have made "Pure and Sure" Seeds the highest quality seeds that have ever been offered the lover of flowers. Everything that would aid in producing better seeds, more beautiful flowers, and finer, improved varieties, has been done and the acme of perfection has been reached in our "Pure and Sure" Flower Seeds.

#### ABRONIA UMBELLATA (Sand Verbena)

**VERBENA-LIKE** rose colored flowers. Elegant training habit. h. A. Price: Pkt., 10c.

#### ABUTILON (Flowering Maple)

**CHOICE MIXED**—Used extensively for ornamental bedding; foliage is of maple form and has variegated coloring; flowers bell-shaped; height, 3 feet. Price: Pkt., 20c.

#### ACHILLEA (Milfoil or Yarrow)

**THE PEARL**—Tall erect plant bearing its pure white double flowers in great profusion all summer; hardy perennial; easily grown from seed; flowering the first season if seed is sown early; excellent cut flower for vases; 2 feet. Price: Pkt., 15c.



Ageratum

#### ACONITUM (Monk's Hood, Wolfsbane)

**NAPELLUS BLUE**—A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. Price: Pkt., 10c.

#### ACROCLINIUM (Everlasting Flower)

A pretty everlasting, bearing graceful daisy-like flower, pretty bright rose with yellow center, which, when cut in the bud state, can be dried and used for winter bouquets. Double mixed. Price: Pkt., 10c.

#### ADONIS AESTIVALIS (Flos Adonis)

Beautiful dark scarlet flowers with light center. Of easy culture and showy. Fine cut foliage. A very pretty plant; 1 foot. Price: Pkt., 10c.

#### AGERATUM (Floss Flower)

**AN EXCELLENT** plant for edging or solid effects. For early bloom sow indoors from March till May; sown outdoors in May will flower in August. A continuous bloomer.

**BLUE PERFECTION**—Large heads of deep blue flowers produced in abundance; 15 inches. Price: Pkt., 10c.

**DWARF YELLOW**—A fine bedding variety; 10 inches high. Price: Pkt., 10c.

**IMPERIAL DWARF BLUE**—Clear blue; compact growing plant; height, 9 inches. Price: Pkt., 10c.

**IMPERIAL DWARF WHITE**—Price: Pkt., 10c.

**LITTLE BLUE STAR**—Plants densely covered with bright blue flowers; height, 5 inches. Price: Pkt., 15c.

**MEXICANUM MIXED**—Blue and white; good for cutting; 18 inches. Price: Pkt., 5c.

**AGROSTEMMA CORONARIA**

(Rose Champion)

Exceedingly handsome and free-flowering. Red. 1½ ft. . . . . Pkt. \$0.10

**ALYSSUM (Annual)**

**T**HIS is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white forget-me-nots. It is pleasantly fragrant, and just the thing for personal adornment or the breakfast table. It begins to blossom early in the season and blooms more or less constantly until Fall.

**MARTIMUM (Sweet)**—Of trailing habit; flowers white. Price: Pkt., 5c; oz., 50c.

**CARPET OF SNOW**—We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our Carpet of Snow Alyssum. The plants commence to bloom when quite small, and will flower all Summer long, till late in the Fall. This habit, with its fragrance, makes it indispensable. Price: Pkt., 10c; ½ oz., 35c.

**LITTLE GEM**—The best variety for bedding. Very dwarf and compact. Price: Pkt., 10c; ½ oz., 35c.

**LILAC QUEEN**—A distinct, new annual variety with pure lilac colored flowers. The plants are of dwarf, compact growth and are equally as useful for carpet bedding and edgings as the dwarf white varieties. Price: Pkt., 10c.

**SAXATILE**—Hardy. A grand new variety of exquisite coloring. This new variety forms a perfect little bush with miniature flowers in great masses, of a bright yellow. This species is a hardy perennial, but blooms the first season from seed if sown early, grows about 12 inches high. Price: Pkt., 10c.



Anemone

**AMARANTHUS**

Beautiful colored foliage plants; succeeds best in sunny, dry locations.

**TRI-COLOR (Joseph's Coat)**—Makes a very pretty effect when used the same as Coleus. Keep it cut back to produce a symmetrical plant for edging; red, yellow and green; 3 feet. Price: Pkt., 10c.

**CHOICE MIXED**—Price: Pkt., 5c.

**PRINCE'S FEATHER**—Dark red feathery flowers. Price: Pkt., 10c.

**ANCHUSA**

(Dropmore Variety)

**ITALICA**—One of the finest hardy plants of recent introduction, remarkable for its free and continuous flowering and the beautiful gentian-blue color of its flowers; grows about five feet high, and should be in every hardy border. Price: Pkt., 10c.

**ANEMONE (Windflower)**

**A**VERY pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear.

**ST. BRIGID**—Mixed colors. Price: Pkt., 10c.

**ANTHEMIS (Hardy Marguerite)**

**KELWAYI**—A most satisfactory hardy perennial, bearing all Summer daisy-like golden-yellow blossoms; excellent for cutting, 2 ft. Price: Pkt., 10c.

**ANTIRRHINUM**

Half Hardy Perennial Treated as an Annual.

**A**NTIRRHINUMS or Snapdragons have increased in popularity within the last few years until now, when used for cutting or grown in the garden for display, they rival even the sweet pea in beauty and gracefulness. They are one of the most valuable flowers that grow from seed.

Seed sown out of doors the first week of May will bloom early in July, remaining in full flower until November. For earlier flowering they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

Snapdragons thrive best in positions partly shaded from the sun. It reproduces itself freely from seeds which ripen in abundance and may frequently be seen growing scattered throughout the garden

**LARGE-FLOWERING HALF DWARF**

|   | ½ Oz.  | Pkt.   |
|---|--------|--------|
| Rose Queen, brilliant rose carmine. . . . .       | \$1.00 | \$0.10 |
| Empress, rich velvety crimson. . . . .            | 1.00   | .10    |
| Fawn, terra cotta pink, suffused yellow. . . . .  | 1.00   | .10    |
| Golden Queen, clear yellow. . . . .               | 1.00   | .10    |
| Grenadier, orange scarlet, white tube. . . . .    | 1.00   | .10    |
| The Bride, pure white. . . . .                    | 1.00   | .10    |
| Silver Pink, (Wallers), pearly pink self. . . . . | 1.00   | .10    |
| Mixed, varieties. . . . .                         | .90    | .10    |

**AMPELOPSIS**

Boston or Japan Ivy

**VEITCHII**—Clings to the walls of wood, stone or brick. Dense foliage; glossy green; changing to red and yellow in Autumn. 40 feet. Price: Pkt., 10c.



Large-Flowering Half Dwarf

**ANTIRRHINUM (Count)**

**TALL, LARGE-FLOWERING VARIETIES**

THE varieties offered below are the best and most improved of the largest-flowering sorts. The blooms are double the size of the old varieties and for a select strain of this great favorite, plant our improved strain.

| ANTIRRHINUM, GIANT FLOWERING—              | ½ Oz.  | Pkt.   |
|--|--------|--------|
| Fire King—Orange, scarlet, white tube..... | \$0.75 | \$0.10 |
| Golden King—Giant yellow.....              | .75    | .10    |
| Rose Queen—Soft Pink.....                  | .75    | .10    |
| Striped.....                               | .75    | .10    |
| Garnet.....                                | .75    | .10    |
| Venus—Delicate pink.....                   | .75    | .10    |
| Queen Victoria—White.....                  | .75    | .10    |
| Purple King.....                           | 1.00   | .15    |
| Mixed.....                                 | .75    | .10    |
| Double Mixed.....                          |        | .15    |

**ARABIS (Rock Cross)**

**ALPINA**—A hardy perennial and one of the earliest and prettiest Spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequaled for rockeries or edging; withstands the drought, and is always neat; 6 inches. Price: Pkt., 10c.

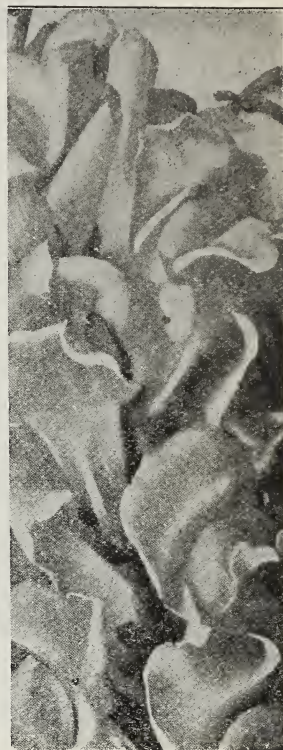
**ARCTOTIS GRANDIS**

**BLUE-EYED, or African Daisy**—White and lilac. The large, daisy-like blooms of this fine hardy annual are excellent for cutting. 2 feet. Price: Pkt., 10c.

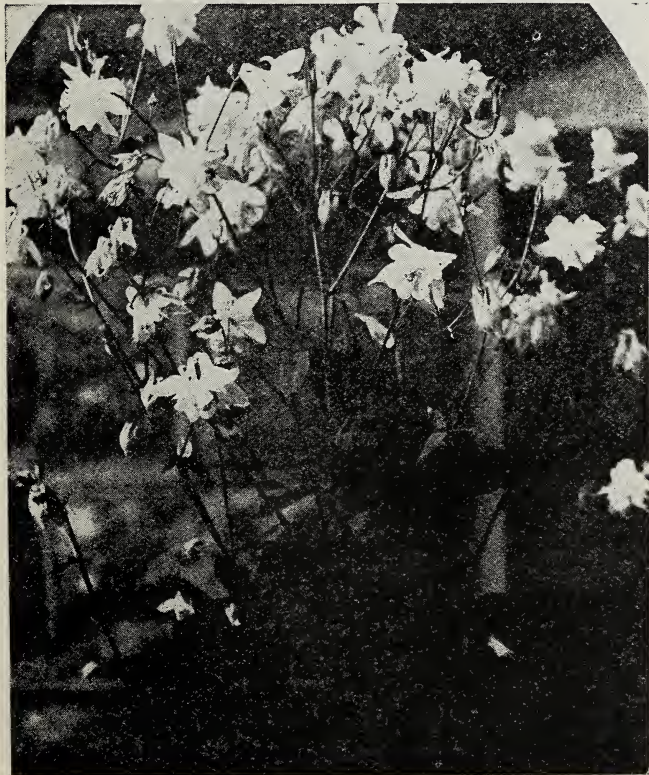
**ASPARAGUS**

**PLUMOSUS NANUS**—Probably the most popular house plant today. We sell thousands of florists who grow the pot plants. You can grow it for yourself and neighbors. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. Price: Pkg., 10c.

**SPRENGERI**—Similar to Plumosus in coloring, only hardier and more easily grown. Price: Pkt., 10c.



Antirrhinum—Tall



Aquilegia.

**AQUILEGIA (Columbine)**

FEW hardy perennials are so easily grown from seed, and will give such unalloyed satisfaction. A most desirable border plant. It forms large clumps, blooms early, long and abundantly, is useful for cutting and elegant in habit. Sow seed in the open ground in spring, preferably where the plants are to grow, and thin to about a foot apart. Sow in the fall for flowering the following season. They thrive well under ordinary garden culture.

**CALIFORNICA HYBRIDS**—Exquisite flowers, in yellow and orange shades, all with low spurs. Price: Pkt., 10c.

**LONG-SPURRED HYBRIDS**—This beautiful strain of Columbines comprises new and pleasing shades and combinations, ranging through all the shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. The plants are perfectly hardy. Price: Pkt., 10c.

|   | Price  |
|---|--------|
|   | Pkt.   |
| <b>CHRYSANTHA (Golden Spurred)</b> —                | 1/4    |
| Golden-yellow.....                                  | \$0.10 |
| <b>CANADENSIS</b> —Scarlet and yellow.....          | .10    |
| <b>FLABELLATA</b> —Japan white.....                 | .10    |
| <b>COERULEA</b> —Splendid light blue and white..... | .10    |
| <b>DOUBLE</b> —All colors mixed... ½ Oz.,           | 60c    |
| <b>SINGLE</b> —All colors mixed... ½ Oz.,           | 50c    |

WE DELIVER FREE IN THE U. S. ALL VEGETABLE AND FLOWER SEEDS BY THE PACKET, OUNCE OR QUARTER POUND.

# ASTERS

## Choicest Varieties for Summer Flowering

ASTERS will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms, with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil. For early flowering, seeds should be started in a sunny window, hotbed or coldframe in April and transferred to their place in the garden as soon as danger of frost has gone by. For August (midseason) and September (late) sow seeds outside in finely prepared ground in May, thinning out to one foot in the rows and two feet between. With the above prescribed treatment and frequent cultivation of plants to insure a steady growth until flowering, excellent large blooms with long stems can be obtained.

### ST. L. S. CO. NOVELTY MIXED ASTERS

THIS superb mixture is composed of all new novelties of recent introduction. The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers. Price Pkt., 15c; 2 pkts., for 25c.

### QUEEN OF THE MARKET ASTER

AN EXTRA early variety, bearing large double flowers; plants of branching habit, having long stems, 2 feet.

|            | ½ Oz. | Pkt.   |            | ½ Oz. | Pkt.   |
|------------|-------|--------|------------|-------|--------|
| White      | \$.75 | \$0.10 | Crimson    | \$.75 | \$0.10 |
| Lavender   | .75   | .10    | Blush Pink | .75   | .10    |
| Light Blue | .75   | .10    | Purple     | .75   | .10    |
| Dark Blue  | .75   | .10    | Rose       | .75   | .10    |
| Mixed      |       |        |            | .75   | .10    |

### EARLY WONDER ASTER

THE earliest variety in cultivation, coming into bloom several days before "Queen of the Market." The form is that of "Giant Comet" type; the flowers are large and very double; stems average 18 inches in length.

|              | ½ Oz.  | Pkt.   |            | ½ Oz. | Pkt. |
|--------------|--------|--------|------------|-------|------|
| White        | \$1.00 | \$0.10 | Light Blue | 1.00  | .10  |
| Rose         | 1.00   | .10    | Dark Blue  | 1.00  | .10  |
| Finest Mixed |        |        |            | 1.00  | .10  |



### EARLY AMERICAN BEAUTY

THIS variety is similar in type of flower and growth to the well-known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems. Plants will average two and one-half to three feet in height, according to location, while the immense flowers, usually four to five inches in diameter, are often borne on heavy stems which may be cut two feet in length. The flowers are fully double to the last. Each plant forms a perfect bush.

|                                      | Pkt.  |
|--------------------------------------|-------|
| Carmin Rose                          | \$.15 |
| Lavender                             | .15   |
| Rose-Pink                            | .15   |
| White                                | .15   |
| September Beauty—Delicate Flesh Pink | .15   |
| Mixed                                | .15   |

### CALIFORNIA GIANT ASTERS

A NEW variety with flowers of the Crego type, and with the habit of growth and long stems of the Beauty type. Flowers large and stand up well after being cut. Their immense size and beauty, as well as their long stems make them very attractive.

|               | Pkt.  |
|---------------|-------|
| Dark Purple   | \$.15 |
| Deep Rose     | .15   |
| Light Blue    | .15   |
| Peach Blossom | .15   |
| Mixed         | .15   |

### GIANT COMET ASTERS

FLOWERS of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half-globes. Each plant bears 15 to 20 flowers on very long stems, making them especially valuable for cutting.

|              | ½ Oz. | Pkt.   |
|--------------|-------|--------|
| White        | \$.90 | \$0.10 |
| Rose         | .90   | .10    |
| Light Blue   | .90   | .10    |
| Royal Purple | .90   | .10    |
| Rose         | .90   | .10    |
| Crimson      | .90   | .10    |
| Lavender     | .90   | .10    |
| Shell Pink   | .90   | .10    |
| Mixed        | .90   | .10    |



American Beauty Aster

**IMPR. GIANT CREGO ASTERS**

WE CONSIDER this one of the finest and largest of all Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer eight colors.

|                           | ½ Oz.  | Pkt.   |
|---------------------------|--------|--------|
| Crimson .....             | \$0.90 | \$0.10 |
| White .....               | .90    | .10    |
| Azure Blue .....          | .90    | .10    |
| Pink .....                | .90    | .10    |
| Shell Pink .....          | .90    | .10    |
| Lavender .....            | .90    | .10    |
| Purple—Bright .....       | .90    | .10    |
| Rose—Rich deep rose ..... | .90    | .10    |
| Mixed .....               | .90    | .10    |

**KING ASTERS (Needled Type)**

THE "King" Asters form a distinct class of type, and have many sterling qualities to recommend them to lovers of fine Asters. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower.

|  | ½ Oz.  | Pkt.   |
|--|--------|--------|
| Crimson—The richest and deepest crimson .....      | \$1.00 | \$0.10 |
| Lavender—Soft lavender blue .....                  | 1.00   | .10    |
| Shell Pink—An attractive delicate shell pink ..... | 1.00   | .10    |
| Rose—A beautiful brilliant rose variety .....      | 1.00   | .10    |
| White—Pure white .....                             | 1.00   | .10    |
| Mixed .....  | 1.00   | .10    |



St. L. S. Co.'s Late Branching.

**ST. L. S. CO.'S LATE BRANCHING ASTER**

THE superb strain, of American origin and especially adapted to our climatic conditions, now one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers.

|                  | ½ Oz.  | Pkt.   | ½ Oz.                | Pkt.          |
|------------------|--------|--------|----------------------|---------------|
| Pure White ..... | \$0.90 | \$0.10 | Flesh Pink .....     | \$0.90 \$0.10 |
| Light Blue ..... | .90    | .10    | Lavender .....       | .90 .10       |
| Rose .....       | .90    | .10    | Crimson .....        | .90 .10       |
| Purple .....     | .90    | .10    | Peach Blossoms ..... | .90 .10       |
| Mixed .....      |        |        |                      | .90 .10       |

**ROYAL ASTERS**

A VALUABLE variety of Aster of the Comet type, coming into bloom in mid-season. They are vigorous and sturdy growers, branching from the base of the plants. Although early—Mid-Season Asters—they remain in flower a long time; the flowers being of splendid substance; splendid cut flower type.

|                  | ½ Oz.  | Pkt.   |
|------------------|--------|--------|
| White .....      | \$1.00 | \$0.10 |
| Lavender .....   | 1.00   | .10    |
| Shell Pink ..... | 1.00   | .10    |
| Purple .....     | 1.00   | .10    |
| Rose Pink .....  | 1.00   | .10    |
| Mixed .....      | 1.00   | .10    |

**CHRYSANTHEMUM-FLOWERED ASTERS**

Bushy plants, bearing large perfectly double flowers, fine for either gardens or pot culture. **Finest Mixed Colors.** Price: Pkt., 10c.

**HARDY PERENNIAL ASTER**

Mixed (Michaelmas Daisies)—Single fall-flowering, hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 feet. Price: Pkt., 10c.

**CHINA ASTERS**

Single Mixed—Within late years the single Asters have much gained in favor with the flowerlovers. Our mixture contains all the leading colors, well blended. Price: Pkt., 5c.



Improved Giant Crego.



Balsam

**BALLOON VINE (Love-in-a-Puff)**

A rapid growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. 5 to 10 feet. Price, Pkt., 5c.

**BALSAM (Lady Slipper)**

AN OLD favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easiest culture; succeeds in a good, rich soil. Tender annuals. 2 feet.

**CAMELLIA FLOWERING DOUBLE**—The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double, in fact, the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than five seeds.

|                 |             |                  |             |
|-----------------|-------------|------------------|-------------|
| White.....      | Pkt. \$0.10 | Salmon Rose..... | Pkt. \$0.10 |
| Light Pink..... | .10         | Rose King.....   | .10         |
| Scarlet.....    | .10         | Mixed.....       | .10         |

Rose Flowering—Double Mixed, 5c; oz., 60c.

**APPLE**—A beautiful climbing plant; handsome apple-shaped fruits. Makes dense shade. The fruits preserved in alcohol make a useful liniment. 15 to 20 feet. Price: Pkt., 5c.

**BELLIS-PERENNIS OR DOUBLE DAISY**

GREATLY improved varieties of the popular "Double Daisies." Admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early, though it is preferable to sow in fall, and winter the plants in cold frames. Height, 6 inches.

|  |             |
|--|-------------|
| LONGFELLOW, ROSE—Extra large double rose-pink flowers .            | Pkt. \$0.10 |
| SNOWBALL, WHITE—Usually large very double, pure white flowers..... | .10         |
| DOUBLE, MIXED COLORS.....  | .10         |

SHASTA DAISY—See Page 47.

DAISY AFRICAN GOLDEN—See Page 47.

**BEAN, SCARLET RUNNER**

A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans. Price: Pkt., 10c; ¼ lb., 25c; ½ lb., 45c.

**BEGONIA**

A BEAUTIFUL flower of various colors. Blooms in constant profusion from early Summer until late Fall, and an excellent plant for Winter blooming.

**PRIMA DONNA**—Limpid rose, shading to carmine at the center; ever-blooming. Price: Pkt., 15c.

**ERFORDIA**—As pot plants for Winter flowering they are superb, retaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. Price: Pkt., 15c.

**LUMINOSA**—Brilliant, fiery, dark scarlet; very bright. Price: Pkt., 15c.

**DWARF VERNON**—Bright orange-carmine flowers, deep red foliage. Price: Pkt., 15c.

**FINE MIXED**—Similar to above, mixed. Price: Pkt., 10c.

**BRACHYCOME (Swan River Daisy)**

**IBERIDIFOLIA MIXED**—Very effective in edgings, beds, and rustic baskets. Good for house culture in winter. Always in full bloom. Price: Pkt., 10c.

**CACALIA (Tassel Flower)**

A PRETTY free-blooming plant with tassel-shaped flowers, also called Devil's Paint Brush. Of easy growth; annual; 18 inches. Price: Pkt., 10c.

**CALENDULA**

LARGE double flowers, blooming all Summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 feet.

**LEMON QUEEN**—Very large and extremely double flowers of a pleasing rich lemon-yellow, dark eye..... Price: Pkt., 10c.

**PRINCE OF ORANGE**—Golden yellow..... Price: Pkt., 10c.

**ORANGE KING**—Very large double orange-red..... Price: Pkt., 10c.

**METEOR**—Creamy center, edged with orange..... Price: Pkt., 10c.

**NANKEEN**—A very distinct variety, the double flowers of a creamy-yellow, slightly flushed apricot, dark brown eye. Price: Pkt., 10c.

**MIXED**..... Price: Pkt., 5c; oz., 50c.

**PLANT**

**"Pure and Sure" Seeds**



Calendula



**CALCEOLARIA**

Colors—Yellow, maroon, white, etc., spotted and blotched in the most unique fashion. 1 1/2 feet. Large flowered. Mixed. Price: Pkt., 25c.

**CALLIOPSIS**

ONE of the most showy flowers, very easily grown; will thrive almost anywhere without trouble or care. A favorite for the home yard or lawn.

**CRIMSON KING**—A fine dwarf sort, 9 inches high; color rich velvety crimson-garnet. Price: Pkt., 10c.

**CROWN OF GOLD**—Large, rich, golden-yellow, 18 inches. Price: Pkt., 10c.

**DRUMMONDI**—Rich golden yellow. Price: Pkt., 10c.

**GOLDEN RAY**—Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon, edged with golden yellow and having twisted petals like a Cactus Dahlia. Price: Pkt., 10c.

**SUPERB HYBRIDS, MIXED**—Unlike other varieties, this is a fine bedding plant, besides being useful for bouquets. The colors are richer and more varied. Above 14 inches. Price: Pkt., 10c.

**TALL MIXED**—Valuable for mixed beds and borders. About 1 ft. Price: Pkt., 5c; oz., 50c.

**CAMPANULA (Canterbury Bells)**

VERY beautiful, hardy, herbaceous perennial, bearing a great profusion of attractive Bell-flowers; thrives best in light, rich soil; some of the varieties flower first season if sown early.

**MEDIUM CALYCANTHEMA.**

|             |        |               |        |
|-------------|--------|---------------|--------|
|             | Pkt.   |               | Pkt.   |
| Blue .....  | \$0.10 | Striped ..... | \$0.10 |
| White ..... | .10    | Mixed .....   | .10    |
| Rose .....  | .10    |               |        |

**CANNA**

Cannas are famous for their luxuriant growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climes and conditions render them easily the most useful, showy and universally popular garden plants grown. Mixed. Price: Pkt., 10c.



Calliopsis.

**CANARY-BIRD VINE**

(*Tropaeolum Canariense.*)

A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Price: Pkt., 10c.

**CANDYTUFT (Iberis)**

THE Candytuft is almost as fragrant as the sweet alyssum and very popular. Very useful as a bedding plant or for border work. Sow outdoors in April, where they are to bloom, and thin well when the plants grow about 1 inch. Sow also in July for fall blooming. Where grown in rows best results for cut-flowers can be obtained only by giving the plants at least a foot apart in the rows and 1 1/2 feet between the rows.

**EMPRESS**—The best pure white and the best for cut flowers; fragrant. Price: Pkt., 10c; 1/2 oz., 25c.

**GIANT HYACINTH-FLOWERED**—As a result of extra care and painstaking selection this is now the finest of all flowers, in a pyramid of bloom. Price: Pkt., 10c; 1/2 oz., 40c.

|  |      |        |
|--|------|--------|
| <b>Umbellata Carmine</b> .....               | Pkt. | \$0.10 |
| <b>Umbellata Crimson</b> .....               |      | .10    |
| <b>Umbellata Lavender</b> .....              |      | .10    |
| <b>Umbellata Rose Cardinal</b> .....         |      | .10    |
| <b>Mixed</b> —Price: Pkt., 5c; 1/2 oz., 25c. |      |        |
| (Hardy Candytuft)                            |      |        |

**GIBRALTARICA HYBRIDA**—White flowers, shading to lilac. Price: Pkt., 10c.

**SEMPERVIRENS**—A profuse, white-blooming, hardy perennial coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot. Price: Pkt., 10c.

**CARDINAL CLIMBER**

WE CONSIDER it the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like, lacinated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-Summer till frost. The flowers are about 1 1/2 inches in diameter, and are borne in clusters of 5 to 7 blooms each. Price: Pkt., 10c; 1/2 oz., 75c.



Candytuft Umbellata.

CARNATIONS



Carnation

CARNATIONS are general favorites for their delicious fragrance and richness of colors. The Marguerite and Chabaud's types are the best for summer flowering. **CHABAUD'S EVER-BLOOMING MIXED**—Resembles the Marguerite Carnation, but is perpetual growing or perennial. Exquisite colors, large flowers. Price: Pkt., 20c. **GIANT-FLOWERING MARGUERITE MALMAISON**—The flowers of this wonderful strain often measure 3 inches across. Include white, blush, deep pink, salmon, carmine, scarlet, dark crimson, maroon, and many beautiful variegated flowers. Price: Pkt., 15c.

|  |             |                        |             |
|--|-------------|------------------------|-------------|
| Marguerite Pink.....   | Pkt. \$0.10 | Marguerite Red.....    | Pkt. \$0.10 |
| Marguerite White.....  | Pkt. .10    | Marguerite Yellow..... | Pkt. .10    |
| <b>MARGUERITE MIXED</b> —These beautiful Carnations succeed in any good situation. Exquisite in color. Price: Pkt., 10c; ½ oz., 75c. |             |                        |             |

CELOSIA (Coxcomb)

BEAUTIFUL plumes of brilliant colors, hh. A. Being fine for vases, and of splendid foliage. Celosia is the finest of all novelty plants, producing very large ostrich-feather-like plumes. **THOMPSON'S MAGNIFICA**—A new improved strain. Colors: Golden Yellow, Fiery Scarlet, Purple, Salmon, Blood-red, etc. Price: Pkt., 10c. **TALL CRIMSON**—Price, Pkt., 10c. **TALL GOLDEN**—Price, Pkt., 10c. **CELOSIA, CRISTATA (Coxcomb)**—They make attractive beds planted a mass or as a border for other plants. **DWARF MIXED**—Price, Pkt., 10c. **GLASGOW PRIZE**—The best dwarf crimson sort, with handsome dark foliage. Combs very large and solid. Price: Pkt., 10c. **CELOSIA CHILDISII**—See Woolflower on Page 63.

CENTAUAREA

(Corn Flower, or Bachelor's Button)  
THIS favorite, old-time flower is also known as Ragged Sailor, Blue Bottle, etc. It is a free flowering bloomer, very showy, growing from 2 to 3 feet high and is largely used for cut flowers. It grows in any soil and almost equals the Aster popularity.

**CYANUS SINGLE BLUE**—Rich, deep blue, 1½ feet. Price: Pkt., 10c.

**CYANUS SINGLE MIXED**—Contains all the popular colors. 1½ feet. Price: Pkt., 5c; ½ oz., 25c.

**CYANUS DOUBLE MIXED**—A much better strain than the above. Bunch this with Sweet Peas and it makes a pretty combination. Price: Pkt., 10c; ½ oz., 35c.

**DOUBLE BLUE**—This was introduced in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. Price: Pkt., 10c. ½ oz., 35c.

**DOUBLE ROSE**—A splendid variety for cutting, color clear rose-pink. Price: Pkt., 10c.

**IMPERALIS (Giant Royal Sweet Sultans)**—This is a new type of annual Centaurea. Bushes are from 3 to 4 feet in height, flowers are finely fringed, soft and feathery and frequently 3 inches across. Fine for cutting and of a strong hardy constitution.

|                     |             |            |             |
|---------------------|-------------|------------|-------------|
| Brilliant Pink..... | Pkt. \$0.10 | Rose.....  | Pkt. \$0.10 |
| Lavender.....       | .10         | White..... | .10         |
| Purple.....         | .10         | Red.....   | .10         |
| Mixed.....          | .....       | .....      | .10         |

**CANDIDISSIMA**—Ornamental Leaved Centaurea (Dusty Miller)—for bedding, hanging baskets and pots and for edging of beds where white basket foliage is desired. Easily raised from seeds. Silvery white, finely cut leaves. 1 foot. Price: Pkt., 10c.

**GYMNOCARPA**—Leaves not so white as the above. 1½ feet. Price: Pkt., 10c.

**MONTANA**—Blue; hardy. Price: Pkt., 10c.

CINERARIA

MAGNIFICENT flowering plants for Spring decorations for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades; usually two or more colors are shown in one flower, covering the plant with a sheet of blooms.

**GIANT PRIZE**—Our best. Price: Pkt., 20c.

**HYBRIDA GR. FL. STELLA (Star Cineraria)**—A charming variety, with large spreading panicles of starry Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory and especially so for church decorations; also useful for cutting. Price: Pkt., 15c.

BEAUTIFY YOUR HOME  
BY SOWING "HAVALAWN" GRASS SEED  
SEE PAGE THREE



Centaurea

## CHRYSANTHEMUMS

**T**HE real beauty of these Royal Flowers of the Orient is well known. There are many people, however, who do not realize how easily they may be grown from seed, and that all of the magnificent new varieties were raised from hybridized seed, similar to that which we are now offering.

**BRIDAL ROBE**—Of very compact and upright habit; 10 inches in height; the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of extra double pure white flowers. **Price: Pkt., 15c.**

**CORONARIUM**—One of the latest introductions in the Chrysanthemum world. Owing to its magnificent golden yellow and white shades, it is fast becoming a florist favorite.

|                                     | ½ oz.  | Pkt.   |
|-------------------------------------|--------|--------|
| <b>Coronarium Dble. White</b> ..... | \$0.50 | \$0.10 |
| “ “ <b>Yellow</b> .....             | .50    | .10    |
| “ “ <b>Mixed</b> .....              | .40    | .10    |

**ECLIPSE**—Yellow with dark brown disk. **Price: Pkt., 10c.**

**LEUCANTHEMUM (Shasta Daisies)**—A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. **Price: Pkt., 10c.**

## CLARKIA

This pretty and easily grown annual has been much improved in recent years, growing 2 to 2½ feet high, with leafy racemes of double flowers. **Price: Pkt., 10c.**

## CLIMBERS, RAPID MIXTURE

This mixture contains flowers of gigantic size, and the coloring and markings beyond description. The seed we offer is of our own importation direct from Japan, and embraces all variations, which are really the most handsome, semi-doubles, quilled and frilled, crimped and scalloped, and double. **Price: Pkt., 10c; oz., 40c.**



Chrysanthemum

## CLEMATIS

**HYBRIDS (Mixed)**—The best known and most valued variety. A great variety of colors. Hardy. **Price: Pkt., 10c.**

**PANICULATA (Climbing)**—15 ft. Fall-flowering vine with white flowers. For plants see Climbing Vines. **Price: Pkt., 10c.**

## CLEOME (Giant Spider Plant)

**L**ARGE spikes of rosy carmine flowers. Large bushy plants; 3 to 4 feet high.

**GIGANTEA**—The finest strain. **Price: Pkt., 10c.**

## COLEUS

**C**OLEUS grown from seed make very thrifty plants the first season. For sub-tropical groups the endless variety and combinations of brilliant colors are very captivating. **Price: Pkt., 20c.**

## COBAEA (Cup and Saucer Vine)

**A** CLIMBER of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc., will cling to any rough surface.

**SCANDENS, BLUE**—Large, bell-shaped purple flowers. **Price: Pkt., 10c.**

**SCANDENS, WHITE**—Pure white. **Price: Pkt., 10c.**

## COREOPSIS

**LANCEOLATA GR. FL.**—One of the finest hardy garden plants grown, forming large clumps 2 to 3 feet high, and increasing in beauty, luxuriance and floriferousness each year, though it flowers the first season from seed sown early, producing immense, long-stemmed, rich yellow flowers, shaded with orange, flowering in profusion for a long period during the Summer; unequalled for cutting; grows anywhere. **Price: Pkt., 10c; ½ oz., 35c.**

## COTTON

**G**ROWN extensively for decorating purposes. Very showy and attractive. **Price: Pkt., 10c; oz., 20c.**

## COSMIDIUM

**BURRIDGEANUM, Orange Crown**—Beautiful hardy annual similar to Calliopsis. Excellent for cutting. **Price: Pkt., 10c.**



Coreopsis



Cyclamen

**DOUBLE COSMOS**

THESE new hybrids form bushy plants 5 to 6 feet high and flower profusely during the Autumn months. Only 40 to 50 per cent of the plants will bear double flowers, the balance producing large single blossoms, the reason being that the double flowers are pistillate—having no stamens and consequently bear no pollen—so to produce seed must depend upon staminate singles for pollination. The progeny, therefore, comes about half doubles and half singles. Double Cosmos flowers, aside from their novelty and beauty, are of lasting substance, both on the plants and as cut flowers.

|                   |      |
|-------------------|------|
|                   | Pkt. |
| PINK BEAUTY.....  | 10c  |
| WHITE QUEEN.....  | 10c  |
| CRIMSON KING..... | 10c  |
| Mixed.....        | 10c  |

**CUPHEA (Cigar Plant)**

A VERY pretty border plant. Very showy for borders and bedding. Dwarf habits.

PLATYCENTRA—A favorite Cuphea. Price: Pkt., 10c.

**CYCLAMEN**

Our strain of Giant Cyclamen, producing immensely large flowers, is surpassed by none. Our seed is grown by an expert in this special class. They are among the best plants recommended for house culture, as they thrive well and bloom profusely in the average temperature of the living-room. Price: Pkt., 25c.

**CYPRESS VINE**

ONE of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet.

|                              |        |        |
|------------------------------|--------|--------|
|                              | Oz.    | Pkt.   |
| Scarlet.....                 | \$0.30 | \$0.10 |
| White.....                   | .30    | .10    |
| Mixed—White and Scarlet..... | .25    | .05    |

**CYPERUS (Umbrella Plant)**

ALTERNIFOLIUS—An excellent plant for growing in water and damp places; makes a very ornamental house plant, always presenting a green and attractive appearance. Price: Pkt., 10c.

**COSMOS**

THIS beautiful annual is one of the most showy and useful of our garden plants. Plants grow from 4 to 6 feet in height, and are very bushy and compact. Flowers borne on long, delicate stems, and are similar to single dahlias. Foliage very finely cut. Excellent for cutting.

**MAMMOTH EARLY**

THE long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities.

|              |         |        |            |         |        |
|--------------|---------|--------|------------|---------|--------|
|              | 1/2 Oz. | Pkt.   |            | 1/2 Oz. | Pkt.   |
| Crimson..... | \$0.35  | \$0.10 | Pink.....  | \$0.35  | \$0.10 |
| White.....   | .35     | .10    | Mixed..... | .35     | .10    |

HYBRIDA FINEST MIXED—Seed, if sown in March and April, will flower during July. Our seed is all grown from our special strain. 4 feet. Price: Pkt., 5c; oz., 35c.

**GIANT FLOWERING**

BROAD petals, oval-shaped, and overlapping, and the perfect shape of the flowers, and the long lasting quality of this variety readily makes it a garden flower of great merit.

For Autumn flowering, planted either in broad masses or backgrounds, it is very effective.

|                        |        |        |                   |        |
|------------------------|--------|--------|-------------------|--------|
|                        | Oz.    | Pkt.   |                   | Pkt.   |
| Crimson.....           | \$0.50 | \$0.10 | Finest Mixed..... | \$0.10 |
| Orange (Klondike)..... | .10    |        | Oz.....           | .40    |

LADY LENOX, PINK—Lovely shell-pink, lighting up well at night. Price: Pkt., 10c; oz., 50c.

LADY LENOX, WHITE—A fine pure white selection from the above. Price: Pkt., 10c; oz., 50c.



Double Cosmos

## DAHLIA

**DAHLIAS** can be grown easily from seed so as to produce flowers the first year. This is as true of double Dahlias as of single. In it can be found beautiful combination of colors and marvelous blending of shades and tints imaginable.

**DOUBLE MIXED** ..... Pkt. \$0.10  
**SINGLE MIXED** ..... .10  
**CACTUS MIXED** ..... .10  
**COLLARETTE**—Flowers of various colors, with a collar of small petals around the center; novel and beautiful.  
 Price: Pkt., 10c.

## DAISY

**AURANTIACA**—**African Golden Daisy**— 1 ft. Rare and very showy annual from South Africa, having daisy-like flowers of a glossy salmon-orange shade with black central ring, a lovely color when flowers open in the sun. Price: Pkt., 10c.

**SHASTA DAISY (Alaska)**—Extra large flowers, of pure glistening white, with broad overlapping petals; a beautiful cut flower; 2 feet. Price: Pkt., 10c.

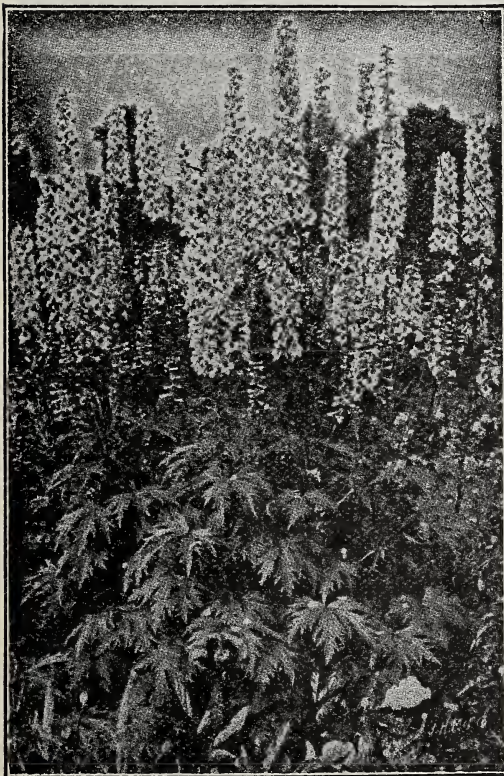
## DATURA

**ANGEL'S "TRUMPET"**—A new annual variety and exceedingly fine, bearing great trumpet-like flowers, 6 to 8 inches long, with double frilled interiors; sweet-scented; plants 4 feet high, bushy and free-flowering, of fine subtropical effect in the garden. Mixed. Price: Pkt., 10c.

## DELPHINIUM

(Perennial Larkspur)

**THERE** is perhaps no better known hardy plant than the Delphinium. The beautiful flowers borne on tall stately spikes are a gorgeous sight and a charm to the garden. Sow seeds in early Spring in shallow boxes indoors or in a hotbed. Set out 6 inches apart in the garden. In the fall they may be lifted and set out in groups of colors; three or four plants at a distance of 3 feet apart, in the rear of hardy perennials, where they make a fitting background.



Delphinium



Dahlia

**BELLAMOSUM**—A rich, deep blue form of the popular light blue Belladonna. Price: Pkt., 15c.

**BELLADONNA**—This is one of the finest and most continuous-blooming hardy Lark-spur. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty. Price: Pkt., 15c.

**ST. L. S. CO.'S HYBRIDS**—This splendid strain is of strong, vigorous habit, with immense spikes from 2 to 3 feet long, of large flowers mostly in fine shades of light blue. Price: Pkt., 10c.

**CHINESE BLUE**—A distinct and neat variety, growing about 18 inches high, with fine, feathery foliage. Price: Pkt., 10c.

**CHINESE ALBUM**—The white-flowered form of the preceding. Price: Pkt., 10c.

**CHINESE MIXED**—Price: Pkt., 10c.

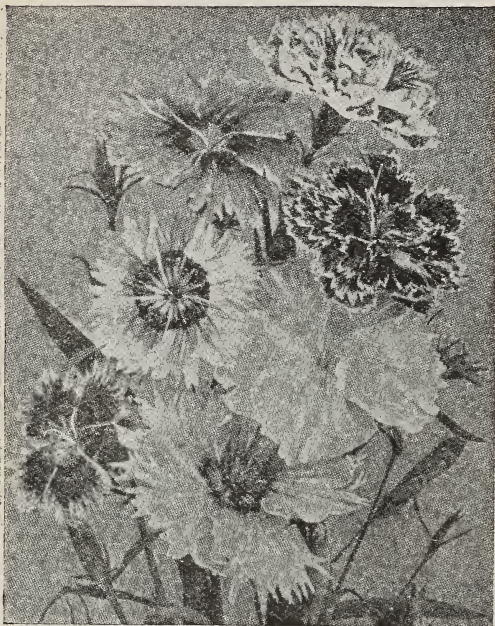
## DIGITALIS (Foxglove)

**HANDSOME** and highly ornamental hardy plants of stately growth. Blooms during June and July. 3 to 5 feet.

**GLOXINIAEFLORA MIXED**—This is a fine strain of the ordinary Foxglove, with handsome spotted Gloxinia-like flowers on long spikes. Price: Pkt., 10c.

A trial of our **NOVELTY COLLECTION** of **SWEET PEAS** will prove it to be an exceptionally choice assortment of the best named varieties of recent introduction of the **Giant-flowering type**.

See our **NOVELTIES COLLECTION** on page 62.



Dianthus or Pinks.

## DOLICHOS

(Hyacinth Bean)

**A** RAPID-GROWING annual climber, flowering freely in erect racemes, followed by ornamental seed-pods; for covering arbors, trellises, etc. Sow the seed in the garden in beds where they are to remain. 10 feet.

**WHITE**—This grand Hyacinth Bean comes from Japan. Seed sown late in May will, by the middle of July, often attain a height of 10 feet. Price: Pkt., 5c; oz., 15c.

**PURPLE**—The most beautiful purple. Price: Pkt., 5c; oz., 15c.

**MIXED COLORS**—Price: Pkt., 5c; oz., 10c.

**LIGNOSIS** (Australian Pea Vine)—A rapid growing ever green climber, flowering freely in clusters of rose pea-shaped flowers. For covering arbors, trellises, etc., it has no superior. Price: Pkt., 10c.

## DRACAENA

Indivisa (Dragon Plant)

**B**EAUTIFUL ornamental-leaved plants; long, narrow green foliage; indispensable for vase and house decorations. Price: Pkt., 10c.

## ERYSIMUM

**T**HIS Annual Border Plant is one of the sweetest scented annuals in cultivation. It is a beautiful orange yellow coloring. 3 feet.

**PEROFKIANUM**—The favorite orange coloring. Price: Pkt., 10c.

## EUPHORBIA

(Poinsettia)

**V**ARIEGATA (Snow-on-the-Mountain)—Is very popular. Green foliage, veined and margined white; 2 to 4 feet. Price: Pkt., 10c.

**H**ETEROPHYLLA (Mexican Fire Plant or Fire-on-the-Mountain)—An annual, resembling the beautiful hothouse poinsettia in habit and color. About 3 feet. Price: Pkt., 10c.

## DIANTHUS or PINKS

**T**HE family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming perfectly until fall, rendering them most satisfactory for Summer flower gardens. Sow out-of-doors when danger of frost has passed and they will, in several weeks, become a mass of bloom, continuing until frost.

### DOUBLE ANNUAL

**CHINENSIS FL. PL.** (China, or Indian Pink)—Blooms in clusters, flowers very double and bloom in a large range of bright colors. Price: Pkt., 5c; ½ oz., 25c.

**FIREBALL**—Extra double brilliant dark scarlet, very beautiful. Price: Pkt., 10c.

**SNOWBALL**—Large double white; excellent for border or cutting. Price: Pkt., 10c.

**LACINIATUS FL. PL.** (Double Fringed Pink)—Large double flowers, edges fringed; in a great variety of colors. Price: Pkt., 10c.

### SINGLE ANNUAL

**T**HESE single sorts contain beautiful varieties, flowers often measuring 2 to 3 inches in diameter, and are very effective for borders or beds.

**NOBLIS** (Single, Mixed)—A beautiful fringed variety; various colors. Price: Pkt., 10c.

### HARDY GARDEN PINKS

**L**ARGE DOUBLE-FLOWERING GRASS or SPICE PINKS—These are great improvements over the charming time-honored inhabitants of old-fashioned gardens. The flowers are large and borne profusely on short, stiff stems.

**PLUMARIUS, SINGLE MIXED** (Pheasant's Eye)—Price: Pkt., 10c.

**PLUMARIUS, DOUBLE NANUS ERFURT**—Price: Pkt., 10c.

### DIDISCUS

**C**OERULEUS (Blue Lace Flower)—An annual, blooming from July until frost; color, pale lavender; excellent for cutting. Price: Pkt., 10c.



Coeruleus (Blue Lace Flower).

**ESCHSCHOLTZIA**

(California Poppies)

**B**EAUTIFUL and popular annuals, being of the earliest culture and giving great satisfaction. From Spring-sown seeds they flower profusely until late in the Autumn, making them invaluable bedding plants.

**CALIFORNICA**—Bright yellow. Price: Pkt., 10c.

**CARMINE KING**—Carmine-rose on both sides of the petals. Price: Pkt., 10c.

**MANDARIN**—Red flowers, orange within and scarlet without. Price: Pkt., 10c.

**DOUBLE AND SINGLE MIXED**—Price: Pkt., 5c; oz., 50c.

**FORGET-ME-NOT (Myosotis)**

**T**HESE daintily elegant little flowers are hardy perennials that love cool, moist soil, and like pansies, bloom most freely in the Fall and early Spring. They make beautiful close borders, or edgings, thickly sprinkled with pretty flower-sprays. Most varieties bloom freely the first season and profusely the second. Average height, 6 inches.

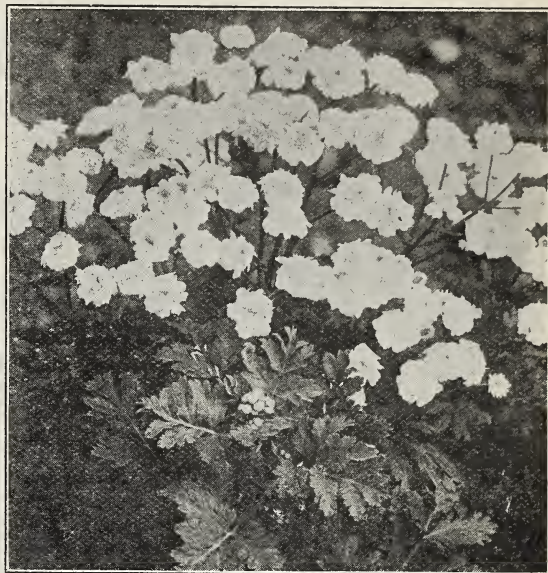
**ALPESTRIS ROBUSTA GRANDIFLORA**—This Forget-me-not plant is of compact habit with glossy dark green foliage. Price: Pkt., 10c.

**PALUSTRIS SEMPERFLORENS**—An ever-blooming variety of the above, beginning in May and continuing till Autumn. Large, clear, blue flowers in pretty sprays. Price: Pkt., 10c.

**INDIGO BLUE**—Early and free-flowering, with the deepest indigo-blue flowers produced on long sprays which are excellent for cutting; 9 inches. Price: Pkt., 10c.

**VICTORIA DWARF (Alpestris)**—Bright azure blue. Very early. Dwarf. Price: Pkt., 10c.

**MYOSOTIS ALPESTRIS, MIXED**—A pretty trailer. Price: Pkt., 10c; ¼ oz., 50c.



Feverfew

**FERNS**

**A** BEAUTIFUL plant used for foliage, bouquets, etc. Are a favorite everywhere and are very easily grown. Sow seed in rich loam.

**FINE MIXED**—Greenhouse species. . . . . Price: Pkt., 20c.

**HARDY**—Species for outdoor culture. . . . . Price: Pkt., 20c.

**FOXGLOVE**—See Digitalis, Page 47.

**FEVERFEW (Matricaria)**

**A**N OLD garden favorite. This is the annual Feverfew, and one of the numerous flowers called "Bachelor's Button." Elegant for cutting and bouquet work.

**DOUBLE WHITE**—About 2 ft. . . . . Price: Pkt., 10c.

**GOLDEN BALL**—Beautiful yellow. . . . . Price: Pkt., 10c.

**FUCHSIA (Eardrops)**

**T**HIS elegant pot variety is one of our showiest plants. They produce flowers of the most beautiful colorings.

**FINEST MIXED**—Price: Pkt., 25c.

**GAILLARDIA (Blanket Flower) Annual Varieties**

**S**PLENDID showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early Summer till November; 1½ feet.

**ANNUAL DOUBLE**—A splendid variety of mixed colors. Price: Pkt., 10c; ½ oz., 35c.

**ANNUAL SINGLE**—Highly colored as the Perennial. Price: Pkt., 10c; ½ oz., 35c.

**HARDY HYBRID GAILLARDIA**

**T**HE flowers are extraordinarily large, often 4 to 5 inches across, and very highly colored in great diversity of variations and blendings, including such combinations as scarlet with gold edge, bloodred with yellow edge, yellow with orange disk, golden with scarlet border, pure yellow, fiery-crimson and many others.

**GAILLARDIA (gr. fl. Oculata)**—New light shades with red center. Very fine variety. Price: Pkt., 10c.

**GRANDIFLOBA COMPACTA, MIXED**—Price: Pkt., 10c.

Most plants will be benefited by an occasional top-dressing during the growing season with either PULVERIZED SHEEP or POULTRY MANURE. See page 3.



Marvel of Peru



## GERANIUMS

THESE grow readily from seed and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed and there is always a chance of securing something new and desirable in that way.

|                    |             |
|--------------------|-------------|
| ZONALE, MIXED..... | Pkt. \$0.10 |
| APPLE-SCENTED..... | .25         |

## GLOXINA

GLOXINIAS are most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion, and of the most exquisite and gorgeous colors, many of which are magnificent spotted, mottled and blended.

GIANT HYBRIDS, MIXED Price: Pkt., 25c.

## GODETIA

They are of a dwarf habit of growth. The flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture. Mixed. Price: Pkt., 10c.

## GOMPHRENA (Globe Amaranth)

ALSO called "Bachelor's Buttons;" a showy annual everlasting; flowers resemble clover heads and when dried are useful for winter bouquets; fine for bedding.

|             |             |
|-------------|-------------|
| PINK.....   | Pkt. \$0.10 |
| PURPLE..... | .10         |
| MIXED.....  | .10         |

## GOURDS—ORNAMENTAL

THEY attain the remarkable growth of from 10 to 20 feet in height and are grown extensively for household as well as ornamental purposes.

DIPPER—Useful for many household purposes. When grown on the ground, produces differently shaped gourds than on the trellis. Price: Pkt., 5c.

DISH CLOTH LUFFA—Sponge-like, porous lining is dried and used in the bath or for dishcloth. Price: Pkt., 5c.

HERCULES' CLUB—The longest of any of the gourds. Price: Pkt., 5c.

JAPANESE NEST EGG—Resembles hen's eggs in color, size and shape. Price: Pkt., 5c.

PIPE CALABASH—The stem ends of the fruits are much used in making pipes. Price: Pkt., 5c.

SUGAR TROUGH—Very light, but durable. Used for buckets, baskets, soap and salt dishes. Price: Pkt., 5c.

SMALL VARIETIES, MIXED—Price: Pkt., 5c, 1 oz., 25c.

## GRASSES—ORNAMENTAL

FOR large beds or groups on lawns nothing gives a finer effect and they are now largely used in prominent positions in many of the finest public parks, etc.,

BRIZA MAXIMA (Quacking Grass)—Very beautiful.

COIX LACHRYMA (Job's Tears)—2 ft.

GYNERIUM ARGENTUM (Pampas Grass)—The most noble grass in cultivation. 12 ft.

LAGURUS OVATUS (Hare's Tail Grass)—Bushy and puffy.

EULALIA ZEBRINA (Zebra Grass)—Light green, barred with creamy white. Variegation runs across foliage.

PENNISETUM RUEPPELLIANUM (Purple Fountain Grass)—Graceful green foliage and purplish plumes, unequaled as an edging to a bed of Cannas or other tall plants; annual; 3 feet.

STIPA PINNATA (Feathered Grass)—

ALL COLORS MIXED—Price: Any of the above varieties, pkt., 10c.

## GREVILLEA (Silk Oak)

ROBUSTA—A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time. Price: Pkt., 10c.

## GYPSOPHILIA

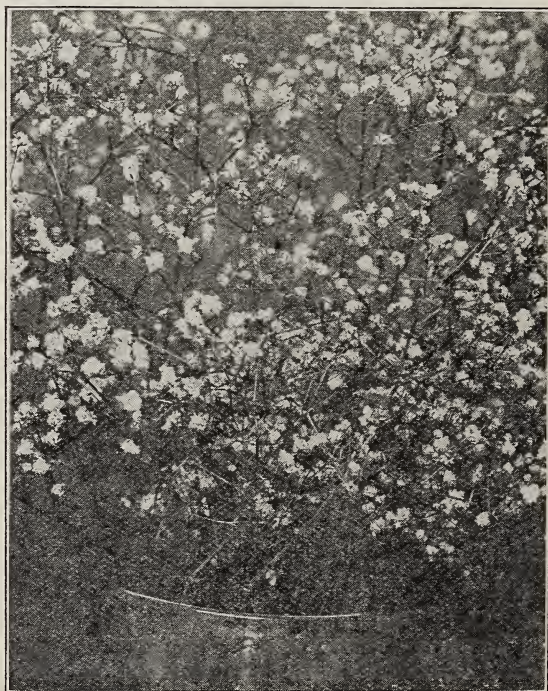
GYPSOPHILAS are valuable for bouquet-making, either green or dried. They are very graceful, and easily cultivated. Should be in every garden. All flower the first season. G. paniculata continues to bloom for several years.

PANICULATA (Baby's Breath)—Flowers white. A hardy perennial which will stay in the ground all Winter. Price: Pkt., 10c.

PANICULATA, Fl. Pl.—The new double flowering Baby's Breath. Hardy. Price: Pkt., 15c.

ELEGANS, GRANDIFLORA, Pure White—Splendid for carpeting in rose or lily beds. Annual. Price: Pkt., 10c; ½ oz., 35c.

ELEGANS, Rose—An elegant variety; rose colored. Annual. Price: Pkt., 10c.



Gypsophila.



**HELICHRYSUM** (Strawflower)

ONE of the best and most popular of the everlasting flowers; the varieties, offered below are all of the Monstrosum type, producing larger and more perfectly double flowers than the old variety. Valuable for cutting or decoration, either when fresh or in their dried state. 2 feet.

|                                |        |        |
|--------------------------------|--------|--------|
|                                | ½ oz.  | Pkt.   |
| CANARY YELLOW.....             | \$0.50 | \$0.10 |
| FIREBALL—Crimson.....          | .50    | .10    |
| GOLDEN BALL—Golden yellow..... | .50    | .10    |
| CARMINE ROSE.....              | .50    | .10    |
| SALMON PINK.....               | .50    | .10    |
| SILVER BALL—White.....         | .50    | .10    |
| VIOLET QUEEN.....              | .50    | .10    |
| MIXED.....                     | .50    | .10    |

**HELIOTROPE**

ST. L. S. CO.'S GIANT MIXED—Deliciously fragrant, flowering plants; growing about 18 inches high; great favorites for pot culture. 1½ ft. Price: Pkt., 10c.

**HEUCHERA**

SANGUINEA SPLENDENS—The foliage is evergreen, flowers fiery coral, shading to brilliant crimson, borne on graceful spikes. Price: Pkt., 10c.

**HIBISCUS** (Marshmallow)

SHOWY ornamental perennial plants for mixed beds or shrubbery borders, with large and beautifully colored flowers.

MALLOW MARVEL—A greatly improved form; gigantic single flowers; many shades of red, pink, purple and white in mixture. Price: Pkt., 10c.

**HOLLYHOCKS** (5 to 8 feet high)

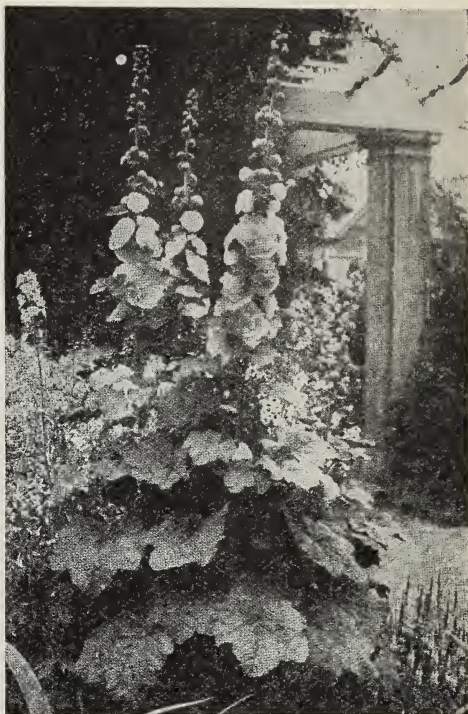
EVERBLOOMING DOUBLE MIXED—The plants from early sown seed set out in May begin flowering in July; they flower profusely until frost. Price: Pkt., 10c.

EVERBLOOMING SINGLE MIXED—Price: Pkt., 10c.

SINGLE MIXED—Flowers mammoth in size, fringed pink to deep red in color. Price: Pkt., 10c; ½ oz., 40c.

CHATER'S SUPERB DOUBLE—An extra fine strain. The plants are hardy and large, robust growers.

|                     |        |                 |        |
|---------------------|--------|-----------------|--------|
|                     | Pkt.   |                 | Pkt.   |
| White.....          | \$0.10 | Rose.....       | \$0.10 |
| Crimson.....        | .10    | Maroon.....     | .10    |
| Sulphur Yellow..... | .10    | Light Pink..... | .10    |
| Mixed.....          | .10    |                 |        |



Holly Hocks

**HOP**

JAPANESE VARIEGATED—Rapid Summer climber, in three or four weeks' time attaining a height of 20 to 30 feet. Price: Pkt., 10c; ½ oz., 35c.

**HUNNEMANIA**

(Bush Escholtzia)

THE plants grow into a shrubby bush 2 ft. high and produce large cup-shaped flowers.

FUMARIAEFOLIA—Yellow. Price: Pkt., 10c.

**ICE PLANT**

HANDSOME and curious plant for hanging baskets, rock work, vases and edgings. Trailer. Price: Pkt., 10c.

**IMPATIENS SULTANA**

THE ZANZIBAR, or SULTAN'S BALSAM—Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. Rose color. Price: Pkt., 10c.

**KOCHIA** (Burning Bush)

FORMS regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. Autumn coloring has given it another name, "Mexican Fire Plant." Price: Pkt., 5c; oz., 30c.

**KUDZE VINE**

A TWINING vine of remarkably rapid growth, hardy. Foliage large and lobed; purple, pea-shaped flowers in clusters, bornelate in the season. A fine vine for arbors, verandas, etc. Price: Pkt., 10c; oz., 50c.



Helichrysum



Larkspur.

**LOBELIA**

THE annual Lobelia are plants of dwarf, compact growth, four to six inches in height, covered with numerous small, star-like flowers. Very pretty when grown as an edging for flower beds, also for hanging-baskets and vases, and as house plants in pots in winter. Seeds should be sown in boxes in a warm sunny window, or in shallow drills out-doors when the trees are starting out in leaf, barely covering the seed from view.

**CRYSTAL PALACE COMPACTA**—Large, deep blue flowers and bronzy foliage. Of fine, close habit. 6 in. Price: Pkt., 10c.

**FLORISTS' FAVORITE COMPACTA (Pumila Splendens)**—Brilliant dark blue with white eyes. Very dwarf. Price: Pkt., 10c.

**SAPPHIRE**—Trailing Lobelias are also coming much into demand. This new variety is of remarkably strong growth and is called Sapphire as the flowers show the wonderful blue deep of this gem. Price: Pkt., 15c.

**LUPINUS (Lupine)**

ANNUAL SORTS. Free flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

|                           |       |                          |       |
|---------------------------|-------|--------------------------|-------|
|                           | Pkt.  |                          | Pkt.  |
| Hartwegii, dark blue..... | \$.10 | Hartwegii, sky blue..... | \$.10 |
| "    white.....           | .10   | "    roses.....          | .10   |

ANNUAL MIXED—Very desirable garden plants, showy and excellent for cutting. Graceful spikes, 2 feet long, in various shades of white, blue, pink and yellow. Price: Pkt., 10c; oz., 40c.

PERENNIAL MIXED—Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. Price: Pkt., 10c.

**LYCHNIS (Burning Star)**

HYBRIDA MIXED—Grand hardy perennials. White rose, vermilion. Price: Pkt., 10c.

**MIMULUS**

SHOWY, profuse flowering plants; fine for greenhouse or moist shady situations; half-hardy perennials, blooming the first year from seed if sown early; 1 foot.

**MOSCHATUS (Musk Plant)**—Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage. Price: Pkt., 10c.

**TIGRINUS (Monkey Flower)**—Fine mixed spotted varieties. Price: Pkt., 10c.

**LANTANA**

HYBRIDA, Dwarf Mixed—Of dwarf growth, they will be found a great improvement upon the older sort, and a splendid acquisition to our list of window and garden flowers. Price: Pkt., 10c.

**LARKSPURS—ANNUAL**

HARDY LARKSPUR—See Delphinium.

SEEDS sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds very effective when interspersed in the old-fashioned flower or shrubby border.

**DOUBLE STOCK FLOWERING TALL.**

|                         |       |                     |            |
|-------------------------|-------|---------------------|------------|
|                         | Pkt.  |                     | Pkt.       |
| Dark Blue.....          | \$.10 | Lustrous Carmine... | \$.10      |
| Rose Pink.....          | .10   | White.....          | .10        |
| Exquisite Pink.....     | .10   | Shell Pink.....     | .10        |
| Lilac.....              | .10   | Scarlet.....        | .10        |
| Sky Blue.....           | .10   | Mixed.....          | ½ oz., 35c |
| Dwarf Rocket Mixed..... |       |                     | .10        |

**LAVATERA (Annual Mallow)**

ROSEA SPLENDENS—A very beautiful and showy annual growing about 2 feet high and covered during the entire summer with large cup-shaped shrimp-pink flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. Price: Pkt., 10c.

**LEMON VERBENA**

THE seed of this grand old favorite is very scarce. The leaves are delightfully fragrant and refreshing. Lives from year to year. Price: Pkt., 10c.

**LINARIA**

CYMBALARIA (Kenilworth Ivy)—Very pretty new variety with light green foliage and violet flowers. Price: Pkt., 10c.

**LINUM**

SCARLET FLAX—One of the most effective and showy bedding plants of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers. Price: Pkt. 10c..



Lobelia Sapphire.

## MARIGOLD

THE African and French Marigolds are valuable for their flowers in Autumn, and can be grown to advantage in little clumps with other plants in the front of the shrubberies or in the garden border. They succeed best in light soil, with full exposure to the sun.

**LEGION OF HONOR**—Single golden yellow blossoms marked with red. Price: Pkt., 10c;  $\frac{1}{2}$  oz., 35c.

**ORANGE PRINCE**—A high-bred type, bearing densely double flowers of a rich deep golden-orange color; very showy. Price: Pkt., 10c;  $\frac{1}{2}$  oz., 50c.

**LEMON QUEEN**—Another fine variety, with soft lemon-yellow flowers, and forming a fine contrast to the preceding. Price: Pkt., 10c;  $\frac{1}{2}$  oz., 50c.

**EL DORADO**—Flowers very large, imbricated and extremely double. Colors in all shades of yellow. Price: Pkt., 10c.

**AFRICAN TALL DOUBLE MIXED**—Taller than the French, and the flowers are larger. 2 feet. Price: Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

**FRENCH DWARF DOUBLE MIXED**—Many striped and blotched. Earlier than the African. 1 foot. Price: Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

## MIGNONETTE

THIS is one of the grandest garden flowers ever produced, and no garden is complete without an assortment of the following varieties. The colors of the florets vary on account of the density of the florets and spikes. For cutting they are superb, remaining fresh for 8 to 10 days in water.

**ALLEN'S DEFIANCE**—Will throw flower stalks of a foot in length and of an unequalled delicious fragrance. Good forcing variety under glass.  $1\frac{1}{2}$  feet. Price: Pkt., 10c.

**BISMARCK**—Can be best described as an improved Machel. Good for florists. Has stout stalks, dark cream crimped foliage. Price: Pkt., 10c.

**ST. L. S. CO.'S GIANT**—Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant; one of the best. Price: Pkt., 10c.

**LARGE FLOWERING**—Mixed. Price: Pkt., 5c;  $\frac{1}{2}$  oz., 25c.



Marigold

**RED GOLIATH**—The spikes of flowers are immense, measuring 6 to 8 inches long by  $2\frac{1}{2}$  inches in diameter, and are compactly filled with giant florets measuring  $\frac{1}{2}$  inch across and packed full, even in the center. Price: Pkt., 10c.

**GOLDEN MACHET**—Distinct variety of Machel, with massive spikes of golden-yellow blossoms. Price: Pkt., 10c.

## MORNING GLORIES

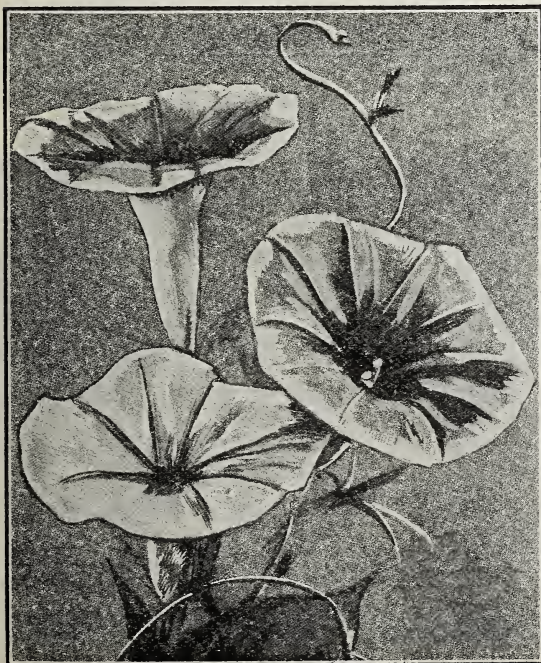
**ST. L. S. CO.'S NEW JAPANESE GIANT**—This exquisite new Morning Glory is without doubt the finest species ever offered. So rich and beautiful are its gorgeous markings of handsome blotched petals that it cannot be compared with the ordinary Japanese Morning Glory. The flowers of this variety are of largest size, often three inches or more across; some are brilliant red or rich blue, others are equally brilliant, with broad margins of clear white; some are striped or dotted with blue or red on white or lemon yellow ground. Price: Pkt., 15c; oz., 35c.

**ROCHESTER**—Flowers 4 to 5 inches across, deep violet blue in the throat, blending out to an azure blue, bordered with a wide band around the edges. Price: Pkt., 10c; oz., 20c.

**IMPERIAL JAPANESE FRINGED**—The gorgeous colors of the Imperial Strain Morning Glory surpasses anything ever seen in these flowers. Petals are of a large size and blotched with magnificent colorings of different shades and tints. Without a doubt, Imperial Morning Glories equal the finest of their kind. Price: Pkt., 10c; oz., 20c.

**SETOSA (Brazilian Morning Glory)**—Setosa is the botanical name of this magnificent summer climbing annual. It grows with the greatest vigor and luxuriance. The leaves are 8 to 12 inches across, overlapping each other and making a dense shade. The vine is covered with short reddish hairs which, with its immense leaves and large clusters of curious seed capsules, renders it highly ornamental. We know of nothing better for quickly covering a piazza, arbor or tree. The flowers are of beautiful rose color and are borne in large clusters. Price: Pkt., 10c; oz., 20c.

**FINE MIXED**—All colors. Price: Pkt., 5c; oz., 10c.



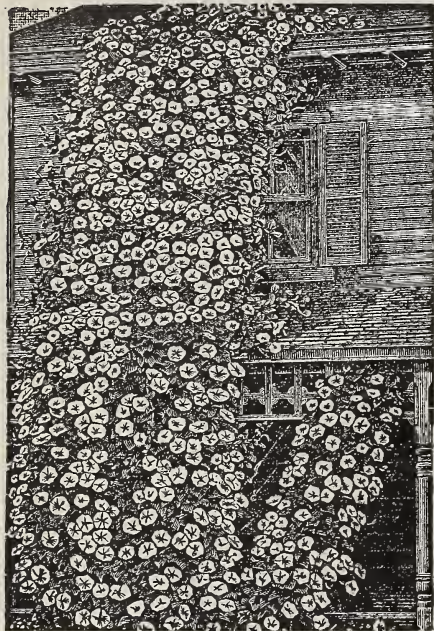
Morning Glory

**MOON FLOWER (Ipomoea)**

**WHITE LARGE FLOWERING**—This greatly improved variety of the popular Moon Flower Vine, produces much larger flowers and in greater profusion, with immense saucer-shaped flowers from 7 to 8 inches across and as glistening white as disks of white satin. They are also softly fragrant. The flowers open about sunset and close the next morning. **Price: Pkt., 10c; oz., 50c.**

**BLUE BONA NOX (Evening Glory)**—Beautiful, large violet flowers. **Price: Pkt., 10c; oz., 35c.**

**GIANT PINK**—The soft lilac-pink flowers are produced abundantly all summer and fall. **Price: Pkt., 10c; oz., 35c.**



Moon Flowers.

**NASTURTIUMS**

**SHAW'S GARDEN HYBRIDS**

The prettiest strain of Dwarf Nasturtiums—worth ten times the price of the ordinary mixed. There's really no comparison in the beauty and color of the flowers. **Price: Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75. Postpaid.**

**HYBRIDS of MME. GUNTHER**

The richest strain of all—these new hybrids make a strong growth, climbing about six feet and covered from Spring to Fall with large, substantial flowers of the most brilliant shades. **Price: Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75. Postpaid.**

**DWARF or TOM THUMB VARIETIES**

**THE DWARF NASTURTIUMS** will always be general favorites, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely.

|  | Pkt.   | Oz.    |
|--|--------|--------|
| Beauty—Light scarlet, splashed canary                                | \$0.10 | \$0.15 |
| Bronze—Bronze colored  | .10    | .15    |
| Cloth of Gold—Rich scarlet   | .10    | .15    |
| Chameleon—Splashed crimson, bronze and yellow                        | .10    | .15    |
| Empress of India—Brilliant crimson; dark foliage                     | .10    | .15    |
| King Theodore—Scarlet-maroon; dark foliage                           | .10    | .15    |
| Golden King—Rich, golden yellow                                      | .10    | .15    |
| King of Tom Thumb—Scarlet  | .10    | .15    |
| Pearl—Pure White   | .10    | .15    |
| Regelianum—Deep, purplish-crimson                                    | .10    | .15    |
| One package each of the above ten varieties                          | 75c.   |        |
| <b>FINE DWARF MIXED</b> —Pkt., 5c; oz., 10c; ¼ lb., 35; lb., \$1.25. |        |        |

**TALL or CLIMBING VARIETIES**

**ELEGANT** and luxuriant climbers for verandas, trellises, etc., May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed-pods can be gathered while green and tender for pickling; 6 to 8 feet.

|  | Pkt.   | Oz.    |
|--|--------|--------|
| <b>Dark Crimson</b>                                      | \$0.10 | \$0.15 |
| <b>King Theodore</b> —Velvety dark crimson; dark foliage | .10    | .15    |
| <b>Fulgens</b> —A pure orange                            | .10    | .15    |
| <b>Orange</b> —Pure orange, no markings                  | .10    | .15    |
| <b>Rose</b> —Ruby Rose                                   | .10    | .15    |
| <b>Edward Otto</b> —Brownish Lilac                       | .10    | .15    |
| <b>Pearl</b> —Cream-white                                | .10    | .15    |
| <b>Prince Henry</b> —New, cream-color spotted red        | .10    | .15    |
| <b>Schulzi</b> —Scarlet                                  | .10    | .15    |
| <b>Vesuvius</b> —An exquisite shade of salmon            | .10    | .15    |
| One packet each of the above 10 varieties                | .75    |        |

**FINE MIXED**—Tall. **Price: Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.25.**

**VARIEGATED-LEAVED**—Mixed. **Price: Pkt., 10c; oz., 15c.**

**NEMOPHILA**

Splendid free-flowering hardy annuals, of very neat, compact habit. Flowers are cup-shaped, appearing in many brilliant colors, the blue shades being particularly striking. **Price: Pkt., 10c.**

**NICOTIANA**

(Ornamental Tobacco)

**A BEAUTIFUL** hardy annual, fine for its sweet-scented and ornamental leaves.

**AFFINIS**—An annual with sweet-scented, pure white star-shaped flowers, 3 inches across, blooming continually. 2 to 3 feet high. **Price: Pkt., 10c.**

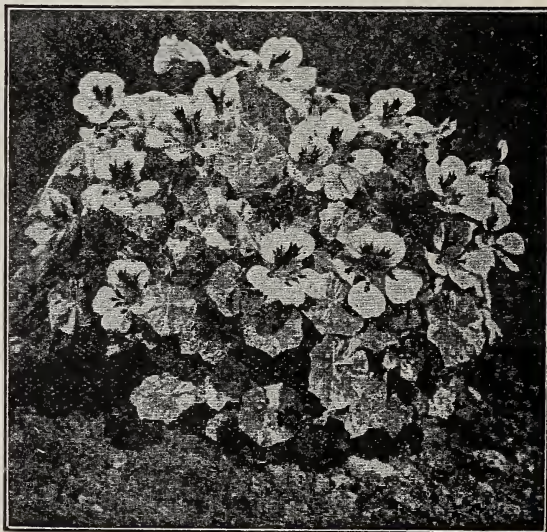
**SANDERAE**—A Brazilian novelty, the entire bush being covered with large brilliant carmine red flowers. Height of about 2 feet. **Price: Pkt., 10c.**

**NIGELLA**

(Love in a Mist or Devil in the Bush)

**A COMPACT** free-flowering plant with finely cut foliage, curious looking flowers and seed pods; of easy culture, growing in any garden soil, hardy annuals; blue and white mixed; 1 foot.

**DOUBLE BLUE**.....**Price: Pkt., 10c.**  
**MIXED**.....**Price: Pkt., 10c.**



Shaw's Garden Hybrids.

**OENOTHERA (Evening Primrose)**

THESE are among our most beautiful plants for mixed garden beds and borders. They grow in branching from 1 to 2 feet in height and produce freely and continuously large single Poppy-like flowers of white, yellow, rose color, etc.

**MIXED ANNUAL VARIETIES—Price: Pkt., 10c.**

**PANSIES**

**LARGEST FLOWERING VARIETIES**

**SOW** the seeds in drills, covering them not more than four times their diameter, and firming the soil well above them. Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting pansy seeds for early Spring blooming.

**BUGNOT'S GIANT MIXTURE**—One of the richest mixtures imaginable; contains the finest blotched varieties, of large size and exquisite coloring. **Price: Pkt., 15c.**

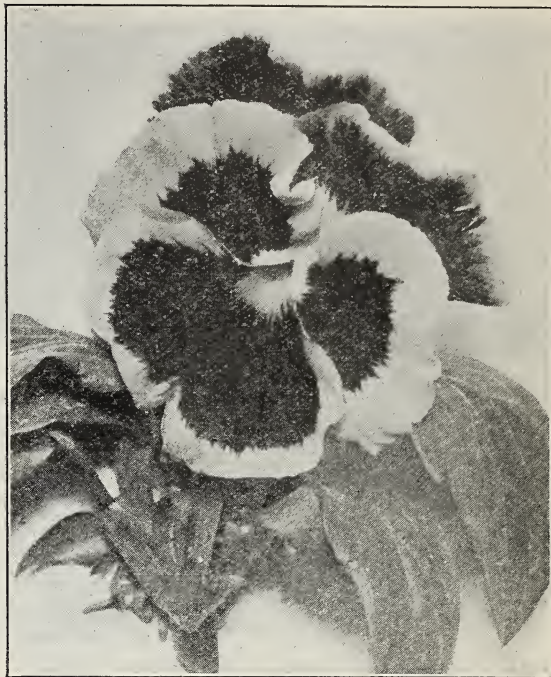
**CASSIER'S GIANT, MIXED**—One of the largest blotched varieties with petals of the finest coloring. **Price: Pkt., 20c.**

**EXHIBITION**—This wonderful Giant Pansy we offer as our leader. The colorings of this Pansy are mixed, there being no end to the numerous shades which nature has endowed upon this gigantic marvel, every petal being a veritable display of shades and coloring in itself. **Price: Pkt., 25c.**

**MASTERPIECE**—This grand giant Pansy is remarkable in having the borders of the petals waved or frilled, which gives the flower an almost double appearance; the type is altogether novel and distinct. **Price: Pkt., 15c.**

**MME. PERRET**—Flowers of large size, borne very freely in great diversity of colors, especially rich in red and wine shades. **Price: Pkt., 10c.**

**ST. L. S. CO.'S "NONPARIEL" MIXTURE**—This is certainly one of the grandest collections of the rarest and most beautiful varieties of Pansies. There is no end to the countless shades of color with which nature has endowed this mixture. The flowers are of a large size and the plants grow more compactly bushy than other mixtures. We have the best mixture of the European specialists who raise it. **Price: Pkt., 20c.**



St. L. S. Co.'s "Nonpariel"

**TRIMARDEAU GIANT MIXED**—Extra large flowers, but not of such perfect form as the Imperial Giant. Most of the flowers have three large blotches or spots. **Price: Pkt., 10c; ¼ oz., \$1.00.**

**IMPERIAL GIANT, MIXED**—They embrace all the solid or self-colors, delicately shaded, of various colors, dark and light marbled varieties, flowers with clear, distinct eyes. **Price: Pkt., 15c.**

**FINE MIXED—Price: Pkt., 5c; ½ oz., 50c.**

**TUFTED PANSIES, or VIOLAS**—While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. **Price: Pkt., 10c.**

**EARLY FLOWERING SWEET (Scented Mixed)**

This new race of Pansies promises to be an important introduction on account of the extreme hardiness of the plants and in consequence their earliness in flowering. With slight protection, such as meadow hay, leaves or similar material, full-grown plants winter over in the open ground. **Price: Pkt., 10c.**

**SPECIAL OFFER TO PANSY LOVERS**

This collection will produce a bed 6 feet in diameter.

**SEPARATE COLORS**

|               |  |               |
|---------------|--|---------------|
|               | <b>All Giant-Flowered Varieties.</b>                               | <b>Pkt.</b>   |
| <b>No. 1.</b> | <b>Snowflake—White</b> . . . . .                                   | <b>\$0.10</b> |
| <b>No. 2.</b> | <b>Faust—Black</b> . . . . .                                       | <b>10</b>     |
| <b>No. 3.</b> | <b>Lord Beaconfield—Blue and white</b> . . . . .                   | <b>10</b>     |
| <b>No. 4.</b> | <b>Fire King—Golden yellow, upper petals crimson</b> . . . . .     | <b>10</b>     |
| <b>No. 5.</b> | <b>Emperor William—Azure blue</b> . . . . .                        | <b>10</b>     |
| <b>No. 6.</b> | <b>Gold Elsie—Pure yellow</b> . . . . .                            | <b>10</b>     |
|               | <b>One each of the above varieties, mailed, postpaid, for 40c.</b> |               |

**PANSY PLANTS READY APRIL 1st.**

**Price: 12 Plants, \$1.00. (By Express Only.)**



Trimardeau Giant



**LORD COURTENAY**—Brilliant Rose, Yellow Throat. Price: Pkt., 10c.

**RUFFLED GIANTS**—Flowers of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting, giving the appearance as if artificially ruffled. Price: Pkt., 25c.

**DOUBLE FLOWERING—Fringed Mixed**—It is well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. Price: Pkt., 25c.

**EXTRA CHOICE BEDDING MIXED**—A very choice strain, partly made up from named large-flowering sorts, which will give the greatest variety of colors. Price: Pkt., 10c; ½ oz., \$1.25.

**FINE MIXED**—Good bright colors. Price: Pkt., 5c; oz., 75c.

### SPECIAL DWARF BEDDING VARIETIES

**CRIMSON**—A beautiful deep red. Of compact growth covered completely with beautiful flowers one and one-half inches in diameter. Very desirable for beds or borders. Price: Pkt., 10c.

**ROSE OF HEAVEN**—Very Dwarf, Rose Pink. Price: Pkt., 10c.

**ROSY MORN**—Soft carmine pink with white throat; makes a very dainty and at the same time effective border. Price: Pkt., 10c; ½ oz., \$1.25.

**SNOWBALL**—A fine, compact sort, producing its pure satiny-white flowers throughout the entire season. Price: Pkt., 10c.

**VIOLACEA (Violet)**—Very compact and free flowering. A beautiful steel blue or deep violet. Price: Pkt., 10c.

**DWARF FRINGED LARGE-FLOWERING**—This new dwarf race of Petunia is one of the most important novelties in flower seeds. The plants, though branching freely from the base, rarely exceed 8 inches in height and form dwarf, compact little bushes which carry, well above the foliage, numerous large fringed-edge flowers of all the beautiful Petunia colors, including those blotched, throated and veined in varied combinations. Mixed. Price: Pkt., 25c.

**DWARF MIXED**—Splendid dwarf varieties; large flowering. Price Pkt., 10c; ½ oz., \$1.00.

### PASSIFLORA (Passion Vine)

**COERULEA**—Very popular for window decoration or sunny locations in the garden. Blue. 10 feet. Price: Pkt., 10c.

### PENTSTEMON

(Beard Tongue)

**GIANT FLOWERING MIXED**—As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors. Price: Pkt., 10c.

### PERILLA

**LACINIATA**—A beautiful showy plant. Highly prized for its foliage, producing leaves similar to the Coleus. 1½ ft. Price: Pkt., 10c.

### PETUNIA

FOR early flowering, the seed should be sown during March in shallow boxes of light soil under glass, in a temperature of about 65 degrees, covering the seed to a depth of about four times their size, and press the surface firm with a board; water with a fine spray as needed. For later succession of plants, sow the seed in April in cold frames or in the open ground when danger of frost is over.

**BLOTCHED AND STRIPED BEDDING PETUNIAS** are almost indispensable for garden decoration. They flower in a few weeks time from seed and continue to grow, bud and bloom in luxuriance until frost. Price: Pkt., 10c.

**GIANTS OF CALIFORNIA**—The richest colors, the largest flowers and the finest markings of all Petunias. Flowers of gigantic size, many of them measuring 5 inches in diameter, and of an astonishing variety of colors. Price: Pkt., 15c.

**HOWARD'S STAR**—A beautiful free-flowering strain, color crimson, maroon with a clearly-defined five-pointed star of bluish-white. For bedding, baskets, cases, etc., this is exceptionally fine. Price: Pkt., 10c.

### PHACELIA

**CAMPANULARI**—Flower a rich deep blue; height 1 to 2 feet. Excellent for bees. Price: Pkt., 10c.



Ruffled Giants Petunia.

## PHLOX

IT OCCUPIES a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. Seed may be sown in the open ground any time after danger of frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost.

|                            | ½ oz.  | Pkt.   |
|----------------------------|--------|--------|
| Large Flowering—White..... | \$1.00 | \$0.10 |
| .. .. Scarlet.....         | 1.00   | .10    |
| .. .. Shell Pink.....      | 1.00   | .10    |
| .. .. Deep Rose.....       | 1.00   | .10    |
| .. .. Yellow.....          | 1.00   | .10    |
| .. .. Mixed.....           | 1.00   | .10    |

**STARRED AND FRINGED MIXED**—Very odd and pretty effect. Price: Pkt., 10c.

**FINE MIXED**—Bright, showy flowers. Good for cutting. 1 foot. Price: Pkt., 5c; ½ oz., 50c.

**DWARF, PHLOX**—This strain grows only six inches in height. Plants form round, compact bushes.

|                              | Pkt.   |
|------------------------------|--------|
| Fireball—A fine scarlet..... | \$0.10 |
| Snowball—Pure White.....     | .10    |
| Shell Pink.....              | .10    |
| Dwarf Mixed—All colors.....  | .10    |

**HARDY PERENNIAL PHLOX**—Fine herbaceous perennial for beds or mixed borders. Mixed. Price: Pkt., 10c.

PLATYCODON (*Wahlenbergia*)

(Chinese Bell Flower)

**HARDY** perennials, bearing large, broad, bell-shaped blue flowers; very handsome for garden decoration.

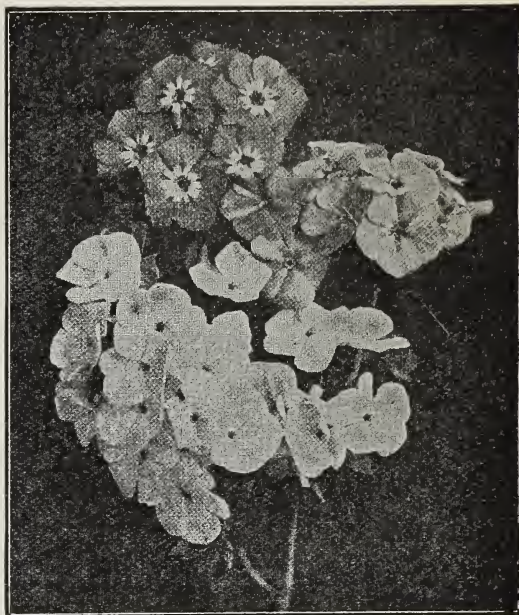
**GRANDIFLORUM, Blue**—Very hardy, Height, 2 feet. Price: Pkt., 10c.

## PHYSALIS (Chinese Lantern Plant)

**FRANCHETTI**—An ornamental variety of the Winter-Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. Price: Pkt., 10c.

## POPPIES

**ANNUAL POPPIES** should be sown as early in the Spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results.



Phlox.

**AMERICAN LEGION**—This new single poppy of the Shirley type is a dazzling orange-scarlet of immense size, borne on long, stout stems. Price: Pkt., 10c.

**DANE BROG. or DANISH CROSS**—Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. Price: Pkt., 10c.

**DOUBLE CARDINAL**—Round as a ball, red as fire, The flowers are of very large size and finely fringed. In color it is a glowing cardinal scarlet. Height, 16 inches. Price: Pkt., 10c.

**DOUBLE CARNATION-FLOWERED**—Large, showy flowers. 2 feet. Mixed. Price: Pkt., 5c; ½ oz., 25c.

**SHIRLEY-MIXED**—This magnificent species sports to numberless shades of color, from pure white to rose pink, carmine and deepest crimson. Price: Pkt., 10c; ½ oz., 25c.

**TULIP FLOWERED SCARLET**—Large, bright scarlet flowers. The two outer petals of the flower form a tulip cup. Strikingly beautiful. About 1 foot. Price: Pkt., 10c; ½ oz., 50c.

## HARDY PERENNIAL POPPIES

**ORIENTAL POPPIES** should be sown in early Spring in the open ground as soon as it is fit to work.

**ICELAND MIXED**—White, salmon, rose and orange, with yellow stamens. Petals delicately fringed. Dwarf. Price: Pkt., 10c.

**ORIENTAL HYBRIDS**—Large, showy flowers, ranging in color from orange-scarlet to crimson. Very brilliant. About 2½ feet. Price: Pkt., 10c.

## PORTULACA

**SOMETIMES** called Rose Moss. Few flowers make such a dazzling display of color in the bright sunshine as a bed of Portulacas. Many shades of red, white, pink, orange yellow, striped, etc.

**LARGE FLOWERING SINGLE MIXED**—Price: Pkt., 5c; ½ oz., 40c.

**DOUBLE FINE MIXED**—All colors mixed. Price: Pkt., 10c; ¼ oz., 75c.



Portulaca.



Ricinus, or Castor Oil Plant.

**PYRETHRUM** (Feverfew)

**ROSEUM GRANDIFLORUM SINGLE MIXED**—Flowers of enormous size, ranging in color from light pink and rose to deep carmine. Price: Pkt., 10c.

**AUREUM (Golden Feather)**—Yellow foliage. Price: Pkt., 10c.

**RHODANTHE** (Everlasting)

**MIXED**—Fine for outside border, or for greenhouse flowering during the Winter. Price: Pkt., 10c.

**RUDBECKIA** (Golden Glow)

(Cone Flower)

**NEWMANII**—An effective, hardy, perennial sort, producing in masses during August and September brilliant orange-yellow flowers; 3 feet. Price: Pkt., 10c.

**SALPIGLOSSIS** (Painted Tongue)

AS POT plants they are elegant and for cut flowers for vase and bouquets they are unsurpassed.

**LARGE FLOWERING (Painted Tongue)**—Yellow, rose, scarlet, light blue, purplish violet mixed. Price: Pkt., 10c.

**SALVIA** (Flowering Sage)

ONE of our most handsome Summer and Autumn-flowering plants, growing into compact bushes about 3 feet high.

**AMERICA (Globe of Fire)**—A very pleasing, recent introduction which has become very popular. It being of a dwarf bushy habit, filling a want where other varieties attain too great a height. Plants grow about 15 inches high. Price: Pkt., 15c.

**BONFIRE**—Our well-known compact Salvia—the freest blooming of all, seemingly on fire all the time with dense flaming scarlet spikes. 2½ feet. Price: Pkt., 10c.

**FIREBALL**—The most compact type of Salvia yet introduced. Splendid for beds or borders, of somewhat dwarf habit. Price: Pkt., 15c.

**SPLENDEN'S GRANDIFLORA, SCARLET**—A rich-flowered bedder. 3 feet. Price: Pkt., 10c; ¼ oz., 75c.

**ST. LOUIS**—This is one of the finest of the Scarlet Sages, growing on a compact bush 2 feet high by 2 feet in diameter. Price: Pkt., 15c.

**ZURICH**—A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom. Price: Pkt., 15c.

**FARINACEA**—A perennial variety, but best treated as an annual, blooming from July to frost from spring sown seed; color, light blue; 2 feet. Price: Pkt., 10c.

**POTENTILLA** (Flowering Strawberry)

A beautiful border plant, flowers from yellow to bright red. Leaves resemble strawberry plants. An unexcelled plant for border and naturalizing effect. 1 foot. Double sorts mixed. Price: Pkt., 10c

**PRIMULA** (Primrose)

**OBCONICA GIGANTEA**—This is one of the most useful flowering plants. If sown early in the Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year.

|                                       |        |
|---------------------------------------|--------|
|                                       | Pkt.   |
| <b>Obconica Gigantea, Rosea</b> ..... | \$0.15 |
| “ “ <b>White</b> .....                | .15    |
| “ “ <b>Crimson</b> .....              | .15    |
| “ “ <b>Lilac</b> .....                | .15    |
| “ “ <b>Mixed</b> .....                | .15    |

**MALACOIDES**—Best for florists. A fine house plant; flowers delicate lilac. Price: Pkt., 15c.

**CHINENSIS (Chinese Primrose)**—The culture of these lovely flowers is much easier than most people think. Our mixture includes all the choicest colors of the single flowering Primulas in all their dainty shadings. Large flowering and fern-leaved mixed. Price: Pkt., 25c.

**PRIMROSE—HARDY**

THESE are among the best of the early Spring-blooming plants. With a slight protection they will stand the Winter, but will do better if protected by a cold frame.

**AURICULA**—Beautiful low-growing early Spring-flowering plants, fine for borders, pot culture, etc.; the fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long. Price: Pkt., 10c.

**POLYANTHUS VERIS**—Showy, early Spring, free-flowering plants; fine for either pot or outdoor culture; hardy perennials; 9 inches. Price: Pkt., 10c.

**VULGARIS**—True Yellow. Price: Pkt., 10c.

**RICINUS** Castor Oil Bean)

ORNAMENTAL plants of stately growth and picturesque foliage.

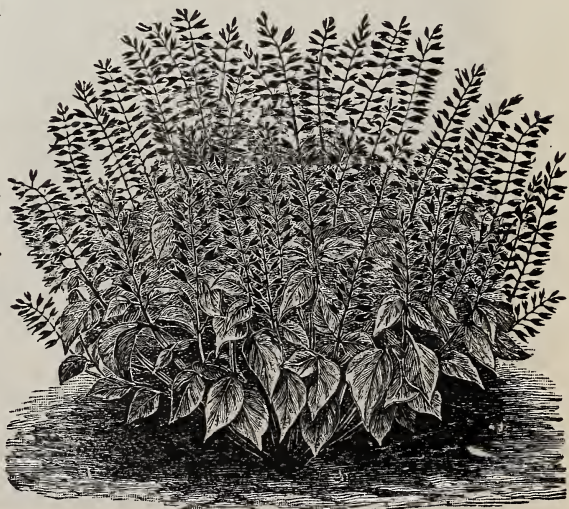
**ZANZIBARIENSIS**—Surpasses all in size and beauty of colors, which include glaucous-green coppery brown, metallic red, brownish purple, red maroon and bronze; 8 to 10 feet. Price: Pkt., 5c; oz., 15c.

**BORBONIENSIS ARBOREUS**—The tallest of the Ricinus family. 15 feet. Price: Pkt., 5c; oz., 15c.

**CAMBODGENSIS**—A beautiful black-leaved species, a handsome foliage. Price: Pkt., 5c; oz., 15c.

**GIBSONI**—Purplish leaves and stems, 6 feet. Price: Pkt., 5c; oz., 15c.

**MIXED SORTS**—Price: Pkt., 5c; oz., 15c.



Salvia.



**SCABIOSA**

(Mourning Bride, Sweet Scabious, Pin-Cushion Flower, Etc.)

**FIRM** favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost.

|                   |        |               |        |
|-------------------|--------|---------------|--------|
|                   | Pkt.   |               | Pkt.   |
| Crimson.....      | \$0.10 | Lavender..... | \$0.10 |
| Black-Purple..... | .10    | Snowball..... | .10    |
| Rose.....         | .10    | Mixed.....    | .10    |

**CAUCASICA** (Blue Bonnet)—One of the most handsome of hardy perennials, especially valuable for cutting the blooms lasting a long time in water; lilac-blue; 3 feet. Price: Pkt., 10c.

**SCHIZANTHUS**

**LARGE-FLOWERED MIXED**—As pretty as miniature Orchids. Exceedingly profuse bloomers. Forming compact pyramidal plants a foot high, literally covered with large beautiful orchid-like flowers in a bewildering range of colors. Price: Pkt., 10c.

**SENSITIVE PLANT**

(*Minosa Pudica*)

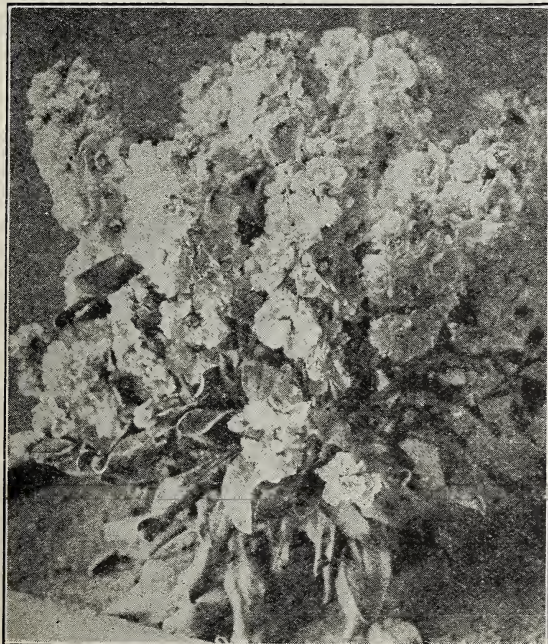
**A CURIOUS** and interesting plant with pinkish white flowers; the leaves close when touched or shaken. 1½ feet. The favorite variety. Price: Pkt., 10c.

**SILENE** (Catchfly)

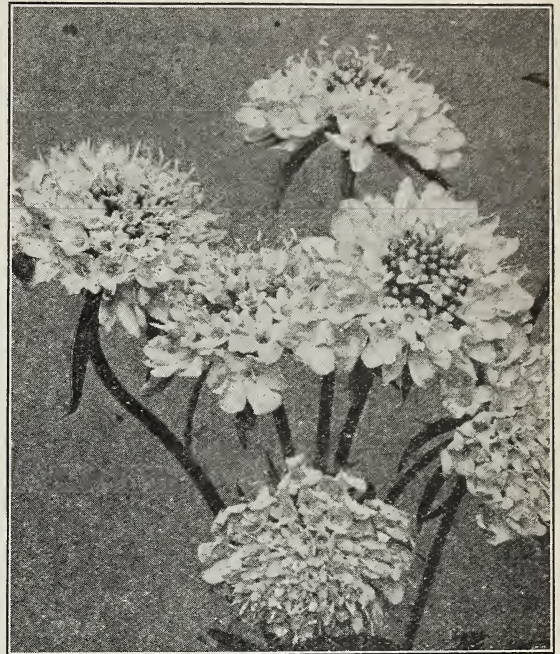
**VERY** pretty dwarf plants, used mostly for borders; thriving in almost any common soil and easy of cultivation. 6 in. Price: Pkt., 10c.

**SMILAX**

**IN MANY** respects the smilax is the most useful, and it is certainly one of the most graceful climbers. Price: Pkt., 10c.



Stocks.



Scabiosa

**STATICE**

**LONG** panicles of small flowers, which if dried make nice Winter bouquets.

|                     |        |
|---------------------|--------|
|                     | Pkt.   |
| Latifolia—Blue..... | \$0.10 |
| Sinuata Rosea.....  | .10    |
| Suworowii—Pink..... | .10    |

**STOCKS**

**SOMETIMES** called Gilliflower. Considered almost indispensable where a fine display of flowers is wanted and particularly valued for edgings, bedding and pot culture. The improved varieties we offer of this favorite garden plant produce dense spikes of very fragrant and beautiful rosette-like double flowers in a wide range of attractive colors. They are suitable for cutting.

**CUT-AND-COME-AGAIN**

**SPLENDID** perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October, when other flowers are scarce.

|                               |        |
|-------------------------------|--------|
|                               | Pkt.   |
| Princess Alice—White.....     | \$0.10 |
| LaFrance—Rose.....            | .10    |
| Brilliant—Blood-red.....      | .10    |
| Sapphire—Dark blue.....       | .10    |
| Creole—Creamy yellow.....     | .10    |
| May Queen—Delicate Lilac..... | .10    |
| Finest Mixed—All colors.....  | .10    |

**DOUBLE FINE MIXED**—The best for outdoor planting. Price: Pkt., 5c; ½ oz., 75c.

**GIANT—Bismarck Ten Week Stocks.**

An especially meritorious class. These stocks are Giants; growing from 24 to 30 inches tall, of branching habit, producing innumerable large spikes measuring 12 to 16 inches long, coming into bloom in 10 to 12 weeks.

|                                     |        |
|-------------------------------------|--------|
|                                     | Pkt.   |
| Chamois—Ivory, tinted old rose..... | \$0.10 |
| Blood Red—fine.....                 | .10    |
| Lavender—(Mauve Lavender).....      | .10    |
| Rose—Deep rose pink.....            | .10    |
| White.....                          | .10    |
| Mixed.....                          | .10    |



Red Sunflower

### SWEET WILLIAM (Dianthus barbatus)

**E**XTENSIVELY used in old-fashioned gardens; flowers borne in large clusters of most brilliant colors, and are fine for cutting.

**PINK BEAUTY**—In color it is what florists call watermelon-pink or salmon-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. Price: Pkt., 10c.

**SCARLET BEAUTY**—A very effective rich, deep scarlet variety. Price: Pkt., 10c.

**HOLBORN GLORY**—This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. Price: Pkt., 10c.

**SINGLE WHITE**—Pkt., 10c.

**FINEST SINGLE MIXED**—Price: Pkt., 5c; ½ oz., 35c.

**DOUBLE MIXED**—This mixture contains the finest colors. Impossible to find anything that can compare with it. Price: Pkt., 10c; ½ oz., 60c.

**ANNUAL MIXED**—The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early Summer from Spring-sown seed. Price: Pkt., 10c; ½ oz., 75c.

### SWEET ROCKET

(Hesperis)

**OLD-FASHIONED** garden plant, and among the most desirable of hardy flowers; grows from 2 to 3 feet high.

**Fine Mixed**—Price: Pkt., 10c.

### SOLANUM (Jerusalem Cherry)

**T**HIS is a very useful pot plant for Winter decoration. It is of the dwarf branching habit; leaves small and oval shaped, bearing in the greatest profusion bright, scarlet, globular berries. Very ornamental. 1 foot.

**CAPSICASTRUM NANUM**—A beautiful decorative variety. Price: Pkt., 10c.

### STEVIA

**SERRATA**—Free blooming plants for summer or winter; bearing a profusion of fragrant white flowers; excellent for cutting; 2 feet. Price: Pkt., 10c.

### STOKESIA (Hardy)

**H**IGHLY valuable for cutting, supplying a shade of coloring not overly plentiful at any season of the year.

**CYANEA (Blue)**—The earliest and best sort. Price: Pkt., 10c.

**CYANEA (White)**—Price: Pkt., 10c.

### SUNFLOWER (Helianthus)

**F**AR superior to common Sunflowers. The large, rich golden yellow flowers are produced on each branch. Makes a beautiful hedge.

**GOLDEN BALL**—A beautiful large double variety. Price: Pkt., 10c; oz., 50c.

**DWARF DOUBLE**—Similar to the above variety, only of a dwarf nature with variegated leaves. Price: Pkt., 5c; oz., 35c.

### SINGLE FLOWERING SORTS

**T**HE single sunflowers are indispensable for cutting. Sown on a sunny spot in April or May, they come into bloom early in Summer.

**RED**—This new Sunflower we believe to be a novelty of real merit, and feel sure it will come into general use. Planted a border or in front of taller shrubbery or along a wall, they are very showy. Price: Pkt., 10c; oz., 50c.

**STELLA (Improved Miniature Sunflower)**—Differs from the above by its large and better formed flowers of the purest golden yellow, with black disc. Price: Pkt., 10c.



Sweet William

## ST. LOUIS SEED COMPANY'S SPENCER OR BUTTERFLY SWEET PEAS

THE Spencer Waved Sweet Pea is a distinct advance in the development of the Sweet Pea. No modern garden is complete without this grand type. The chief characteristic of the Spencer Sweet Peas is their robust growth, plants frequently attaining a height of 6 to 10 feet, requiring a foot of space in the row for each plant to fully develop. The flowers are gracefully formed; both standard and wings are larger than the Grandiflora type, flowers often measure 2 to 2½ inches in diameter and are borne on stems 18 inches long, with four blooms. We have listed below all varieties of the Spencers that we catalogue.



Robert Sydenham.

**ASTA OHN**—Soft pinkish lavender. Price: Pkt., 10c; oz., 25c.

**CONSTANCE HINTON**—This is decidedly the best black-seeded, white-flowered variety in cultivation. The flowers are of largest size, best Spencer form, and usually produce in fours on long, stout stems. Price: Pkt., 10c; oz., 25c.

**COUNTESS**—Bright shade of pink. Price: Pkt., 10c; oz., 25c.

**ELFRIDA PEARSON**—Flowers very large. Color light pink on white ground beautifully edged and shaded. Price: Pkt., 10c; oz., 25c.

**HAWLMARK LAVENDER**—There is nothing quite so pure in lavenders as this splendid novelty. The color is difficult to describe accurately, being more a sky-gray. It is, however, a true, clear light lavender. The flowers are of the largest size. Price: Pkt., 10c; oz., 25c.

**ILLUMINATOR**—A very pleasing color; ground of salmon, with rich bright cerise-pink. Flowers of excellent texture and size. A beautiful new creation. Price: Pkt., 10c; oz., 25c.

**KING EDWARD**—A pure red Spencer. Special strain. Price: Pkt., 10c; oz., 25c.

**KING WHITE**—The finest pure white Sweet Pea ever offered. The vines are extremely strong, flowers, the largest of the finest frilled type. Price: Pkt., 10c; oz., 25c.

**MRS. CUTHBERTSON**—Standard clear rose-pink, wings white, with faint blush of pink. Price: Pkt., 10c; Oz., 25c.

**MARGARET ATLEE**—Rich glowing pink on cream ground. The flowers are of largest size, beautifully frilled or waved. Many of the flowers are duplex or double. Price: Pkt., 10c; oz., 25c.

**MARIE CORELLI**—Rosy carmine self. Price: Pkt., 10c; oz., 25c.

**MRS. TOM JONES**. Deep azure blue. Flowers large and of fine substance. The best blue Sweet Pea yet introduced. Price: Pkt., 10c; oz., 25c.

**OTHELLO**—Of immense size, rich maroon. Price: Pkt., 10c; oz., 25c.

**PINK PEARL**—(New) pearly pink. Price: Pkt., 10c; oz., 25c.

**PRIMROSE**—The finest of its class, clear primrose color, fine large wavy standard and wings white seeded. Price: Pkt., 10c; oz., 25c.

**ROBERT SYDENHAM**—A magnificent glowing orange self. The large flowers are usually produced four on a stem, well placed and beautifully waved. Requires slight shading to preserve the color. Price: Pkt., 10c; oz., 25c.

**ROYAL PURPLE**—A new shade in Sweet Peas, a rich purple and almost a true royal purple. Price: Pkt., 10c; oz., 25c.

**ROYAL SCOT**—Awarded the Certificate of merit by the Royal Horticultural Society as the best scarlet Sweet Pea ever produced. The well formed flowers are beautifully waved. Price: Pkt., 10c; oz., 25c.



**THUNBERGIA**

**MIXED (Blackeyed Susan)**—Handsome foliage and flowers. Used for a screen or basket. Price: Pkt., 10c; ½ oz., 50c.

**MAMMOTH VERBENAS**

WE HAVE been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease.

**VERBENA GRANDIFLORA**

|   |        |
|---|--------|
|   | Pkt.   |
| White—Alba.....                           | \$0.10 |
| Lucifer Cardinal—Red.....                 | .10    |
| Rosea Stella—Rose, pink, white eye.....   | .10    |
| Rose Cardinal—White eye.....              | .10    |
| Violaacea Stellata—Violet, white eye..... | .10    |
| Purple Mantle.....                        | .10    |
| Auricula Fld.—Mixed.....                  | .10    |
| Gr. Fl.—Mixed.....                        | .10    |

**FINE MIXED**—All in good colors. Price: Pkt., 5c; ½ oz., 40c.

**VINCA—PERIWINKLE**

THESE are very bright annuals which should be included in every garden. They are most attractive, with their dark green glossy leaves and their beautiful and large flowers. The plants grow about 15 inches tall and branch freely, making compact bushes which during the latter part of summer and all during the fall are covered with blooms.

|                                  |        |
|----------------------------------|--------|
|                                  | Pkt.   |
| Rosea—Fine rose color.....       | \$0.10 |
| Rosea Alba—White, rosy eye.....  | .10    |
| Alba Pura—Clear, pure white..... | .10    |
| All Colors, Mixed.....           | .10    |



Verbenas

**VIOLETS (Sweet Scented)**

**VIOLA ODORATO (Semperflorens)**—Is the well-known English Violet, a free-flowering hardy perennial. May be grown from seed. Succeeds best in a partially shaded, moist place. Price: Pkt., 10c.

**WAHLENBERGIA** See Platycodon. Page 57.

**WALL FLOWER**

A BEAUTIFUL hardy perennial of exquisite coloring, producing long, showy spikes in abundance. h. P.

|                                  |        |
|----------------------------------|--------|
| <b>DOUBLE MIXED</b> .....        | Pkt.   |
| <b>SINGLE MIXED</b> —1 foot..... | \$0.10 |
|                                  | .10    |

**WILD GARDEN FLOWER SEED**

UNDER this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting.

|                              |               |
|------------------------------|---------------|
| <b>ANNUAL</b> .....          | ½ oz. Pkt.    |
| <b>PERENNIAL MIXED</b> ..... | \$0.25 \$0.10 |
|                              | .40 .10       |

**WILD CUCUMBER**

**WILD CUCUMBER**—Rapid-growing annual climber. Has beautiful leaf and pretty fragrant white flowers. Price: Pkt., 5c; oz., 15c.

**WOOLFLOWER—CHINESE**

PLANTS grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of 12 inches in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool, but not so large as the central one.

|                      |        |
|----------------------|--------|
| <b>Crimson</b> ..... | Pkt.   |
| <b>Pink</b> .....    | \$0.10 |
|                      | .10    |



Woolflower—Chinese.

# GIANT ZINNIAS

(YOUTH AND OLD AGE)

ONE of the most popular and most extensively used of all our hardy annuals. The following list comprises a very choice strain of large variety and of the most brilliant colors. Requires but little attention; will grow in any good garden soil. If sown in gentle heat in March, will flower latter part of June and continue until killed by frost.

**GIANT DAHLIA FLOWERED**—In 1920 we offered for the first time a new type of Zinnia, the Dahlia Flowered, which we predicted would take precedence over the Grandiflora type of Zinnia as did the Spencers over the Grandiflora type of Sweet Peas.

This year we are offering the Dahlia Flowered Zinnia in six distinct shades, which we believe will please the most critical eye, and tend still further to increase the popularity of this remarkable flower.

We ask you to bear in mind that Dahlia-Flowered Zinnias come in pastel shades, and the distinctive manner in which the pigments are distributed throughout the petals makes them extremely difficult to describe.

**CANARY BIRD**—A delicate shade of primrose, very large and holds its color well until out of bloom. Price: Pkt., 15c; ½ oz., \$2.50.

**CRIMSON MONARCH**—By far the largest and best of the red shades. Flowers often eight inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit. Price: Pkt., 15c; ½ oz., \$2.50.

**DREAM**—A fine, deep lavender, turning to purple—a new, desirable shade in Zinnias. Price: Pkt., 15c; ½ oz., \$2.50.

**POLAR BEAR**—A very large pure white, the best white yet seen in Zinnias. True Dahlia form. Price: Pkt., 15c; ½ oz., \$2.50.

**EXQUISITE**—By far the most pleasing of our collection. Truly DAHLIA flowered as regards form and size. Color light rose with center a deep rose. Price: Pkt., 15c; ½ oz., \$2.50.

**GOLDEN STATE**—A very rich orange yellow. Yellow in the bud, turning to an attractive orange when in full bloom. Price: Pkt., 15c; ½ oz., \$2.50.

**DAHLIA-FLOWERED, MIXED**—These flowers have a very marked distinction from the ordinary giant-flowering class, being of a true Dahlia-flowering type—a fine mixture of the very best colors. Price: Pkt., 15c; ½ oz., \$2.50.

## GIANT DOUBLE ZINNIAS ]

THIS mammoth strain has produced excellent results to hundreds of customers who have grown it with great success. The plants are of exceedingly robust habit.

The flowers are borne on long, stiff stalks, of a semi-globular form, are mostly very double, and together with their immense size, produce a very marked effect.

The flowers, as the illustration will indicate, measure from five to six inches across, this being by no means unusual. Zinnias being a very popular flower for bedding and old-fashioned gardens, and also of special value for cutting purposes, these new colors cannot but make a valued addition to our already standard varieties.

|                          | ½ oz. | Pkt.   |
|--------------------------|-------|--------|
| Mammoth Double Purple... | \$.75 | \$0.10 |
| Scarlet.....             | .75   | .10    |
| Red.....                 | .75   | .10    |
| White.....               | .75   | .10    |
| Golden Yellow.....       | .75   | .10    |
| Rose Shade.....          | .75   | .10    |
| Orange.....              | .75   | .10    |
| Salmon Pink.....         | .75   | .10    |
| Mixed, all Colors.....   | .75   | .10    |

**CURLED AND CRESTED**—The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. Mixed—Price: Pkt., 10c; ½ oz., 40c.

## DWARF DOUBLE

This we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors. The salmon-rose variety is especially effective. Mixed. Price: Pkt., 5c; oz., 50c.



Dahlia Flowering Double Zinnia.

## HARDY EVERBLOOMING FIELD-GROWN ROSES

Our Hardy Dormant Roses are ready for delivery from the first of March until the fifteenth of April

PLANTS TRAVEL BEST BY EXPRESS—NO PLANTS SENT C. O. D.

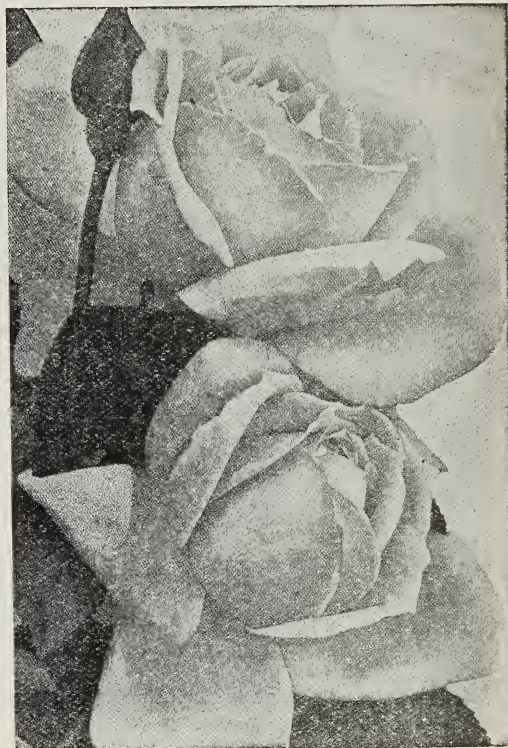
**THIS** class of Roses are continuous bloomers the entire Summer, but are not entirely hardy in this section, and should be protected during the Winter months with a covering of straw or any handy material. To obtain the best results, in addition to the covering of the tops, protect around the roots with 5 to 6 inches of well-rotted manure. This will give added strength to the plants, and additional bloom the following Summer.

**ANNA DIESBACH**—It is of strong growth and exceptionally free blooming. The flowers, which are of good size, are perfect in form, both in bud as well as when fully expanded. In color it is a most pleasing shade of rose-pink. **Price: Each, 60c; doz., \$6.50.**

**FRAU KARL DRUSCHKI**—Undoubtedly the finest pure white Rose in existence. Color a pure snow white, very long buds, shell-shaped petals opening to very large flowers. A continuous and exceedingly free bloomer. **Price: Each, 55c; Doz., \$6.00.**

**GEN. JACQUEMINOT**—An old favorite. It is superb in bud, and its large flowers are bright scarlet-crimson, but not very double. Blooms quite freely in Autumn. **Price: Each, 55c; doz., \$6.00.**

**GRUSS AN TEPLITZ**—This grand Rose has proved one of the best and most valuable Hardy Crimson Ever-blooming Roses for garden planting. The color when first opening is a very dark, rich crimson; as the flower opens it discloses bright scarlet, shading to velvety, fiery red. The flowers on well grown and established plants are large and full, very showy and handsome. **Price: Each, 60c; doz., \$6.50.**



**Kaiserin Augusta Victoria**

**HADLEY**—One of the very best garden roses; deep rich velvety crimson in color and one of the most fragrant roses in our collection. Free bloomer with long stiff stems. **Price: Each, 85c.**

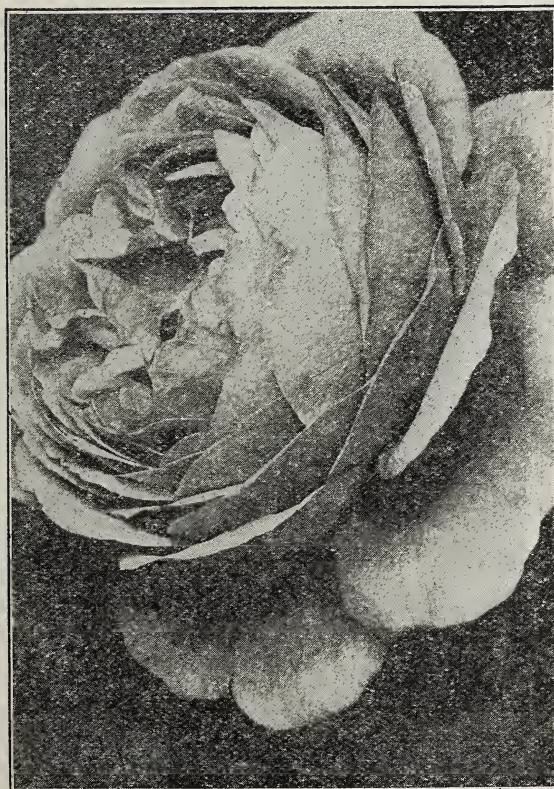
**KAISERIN AUGUSTA VICTORIA**—An old variety but still one of the best and it should be in every collection. In color it is a soft pearly white tinted with lemon. **Price: Each, 60c; doz., \$6.50.**

**LOS ANGELES**—H. T.—This rose is a giant among H. T.'s. One of the largest, and possibly the largest of them all. An unusually strong, vigorous grower, of ideal form, buds long and pointed, expanding into an immense flower of perfect shape. Color is a lovely flame pink, toned with coral. **Price: Each, \$1.25.**

**MRS. BENJ. CANT**—Color deep rose; inner petals soft silvery-rose suffused with buff at the base. **Price: Each, 60c; doz., \$6.50.**

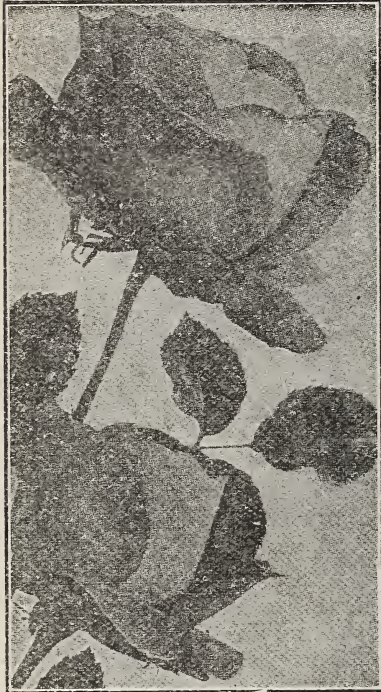
**MME. CAROLINE TESTOUT**—One of the most popular and valuable bedding varieties; large globular flowers of bright satiny rose with brighter center. Strong vigorous grower; very free flowering and fragrant, particularly fine in Autumn. **Price: Each, 60c; doz., \$6.50.**

**MRS. F. KRUEGER**—Flowers large and full, exquisitely formed and produced in endless profusion. Orange-yellow the most charming. **Price: Each, 60c; doz., \$6.50.**



**Frau Karl Druschki**

## ROSES—Continued.



Mrs. John Laing.

**MRS. JOHN LAING**—Beautifully formed shell-pink flowers; exceedingly fragrant and borne on strong stems; splendid for cutting. A good grower and one of the most popular roses. **Price: Each, 60c; doz., \$6.50.**

**MAMAN COCHET PINK**—Called by some the Queen of all Pink Garden Roses, as it is one of the handsomest in our whole list. Its large, full and firm buds show wonderful depth and richness of color as they open into very large, perfectly double flowers of splendid substance. A clear, rich pink, changing to silvery rose. **Price: Each, 55c; doz., \$6.00.**

**MAMAN COCHET WHITE**—A duplicate of its parent, the well-known and justly popular Maman Cochet, except in the color of its flowers, which are creamy white tinged on the edge of the petals with pink. The finest white rose for growing out of doors. **Price: Each, 55c; doz., \$6.00.**

**OPHELIA**—Salmon-flesh shaded with rose, large, and of perfect shape; of excellent habit, the flowers standing up well on long, stiff stems and produced in great profusion. Excellent for forcing and a fine decorative variety. Growth vigorous. Certainly a glorious Rose. Be sure to have "Ophelia" fixed in your memory. **Price: Each, 75c.**

**PRINCE CAMILLE**—Deep velvety crimson maroon, full and of superb form. Generally considered to be the best of the dark Roses. **Price: Each, 75c.**

**RED RADIANCE**—(H. T.) All who know that grand Rose Radiance will welcome this red form of that great favorite. Radiance is a Rose that does well everywhere; a fine grower and free bloomer, and no prettier Rose grown. Red Radiance is its exact counterpart except that the color is a rich deep red. **Price: Each, 60c; doz., \$6.50.**

## HARDY CLIMBING ROSES

Roses sent by Express.

**DESIRABLE** for covering trellises, walls or porches, as they succeed under any circumstances. Perfectly hardy, blooming in clusters of medium sized flowers.

**CRIMSON RAMBLER**—Have you a fence or tree stump to cover, or a veranda or trellis. Try a Climbing Rose—there's nothing better for covering it and nothing prettier. None is more popular than the **CRIMSON RAMBLER**. It makes vines 10 to 12 feet high after the first year, and a mass of flowers. **Price: Each, 35c.**

**CLIMBING AMERICAN BEAUTY**—A Rose of great merit. A cross between American Beauty and an unnamed seedling; color a rosy crimson. The plant is of strong habit of growth, making shoots of ten to fifteen feet in one season, and as hardy as an oak. The flowers are from three to four inches in diameter, of fine form, and are produced in great profusion, not only in May and June, but there is a fair sprinkling of flowers throughout the growing season. **Price: Each, 65c.**

**DOROTHY PERKINS or PINK RAMBLER**—A seedling of the famous Crimson Rambler. Blooms in clusters of from 8 to 25 flowers each, of a delicate rosy pink shade, suffused salmon and yellow at the base. **Price: Each, 35c.**

**EXCELSA**—A distinct variety in form, color and habit. A vigorous grower. The foliage is dark glossy green. Flowers very double, produced in large trusses, thirty to forty on a stem. The color is intense crimson maroon; points of the petals tipped with scarlet. **Price: Each, 35c.**



Crimson Rambler.



## HARDY ORNAMENTAL SHRUBS

Ready for shipment from March 1st to April 10th.

**NOTE**—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at Purchaser's expense.

**T**HE use of shrubbery adds materially to the beauty and attractiveness of the home grounds or perhaps shrubs combined with shade trees, with some conception as to the effect to be produced in future years, is a matter to be considered by everyone who wishes to complete the picturesqueness of a villa residence or country home. Shrubs around a house hide unsightly corners and the hard straight lines of the architecture; or grouped at a distance, by the sides of walks, carriage drives and fences, they break what might be a monotonous line of vision over bare lots, and give a tone of privacy to the home surroundings.

### AMPELOPSIS VEITCHII

(Sometimes called "Boston Ivy" and "Japan Ivy")

Entirely hardy in the exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves, lapping over each other like slates on a roof, effectually prevent rain from penetrating the walls. For covering dead trees, boundary walls, etc., it has no equal. Beautiful Autumn foliage. **Price: Strong two-year plants, each, 40c; 10 for \$3.75.**

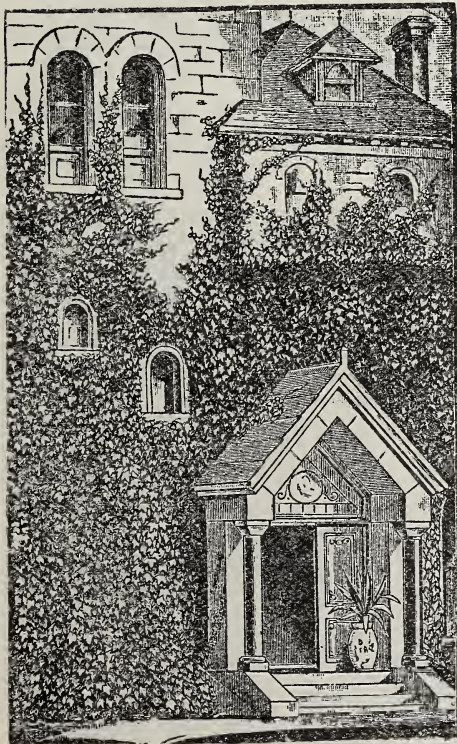
### CLEMATIS

**T**HE Clematis we offer this season are exceptionally fine, strong 2-year-old plants. We have reduced the number of varieties to such sorts as from experience, we know to succeed best in our climate.

**HENRYII, LARGE WHITE**—A pure white large-flowering variety, of fine form, and recognized as by far the finest of the single white sorts. **Price: Each, 75c.**

**MADAME EDOUARD ANDRE**—Flowers large, of a beautiful bright velvety red, very free-flowering. **Price: Each, 75c.**

**JACKAMANI**—The best known and most valued large flowering variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. **Price: Each, 75c.**



Ampelopsis Veitchii.



Clematis Paniculata.

**CLEMATIS PANICULATA**—This grand climbing vine is one of the most valuable ever sent to us from Japan. Blooms in the early Fall and is one mass of fleecy-white, fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow 15 to 20 feet in a season, it is insect-proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere, and need only be seen to be admired. **Price: Strong two-year plants, each 40c; 10 for \$3.75.**

### HONEYSUCKLE (Climber)

**HALLIANA (Hall's Japan Honeysuckle)**—A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Extra-selected plants. **Price: Each, 60c.**

**SCARLET TRUMPET HONEYSUCKLE**—This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. **Price: Each, 60c.**

### BUSH HONEYSUCKLE

**LEBERBOURI ROSEA (Bush)**—Pink flowers, which contrast beautifully with the foliage; scarlet berries. **Price: Each, 75c.**

### WISTERIA

**A BEAUTIFUL** hardy climber, will grow in one season about 20 feet high; flowers in clusters, pale blue.

**W. SINENSIS (Chinese)**—Flowers in clusters; pale blue; sometimes gives a second crop of flowers in the Fall. Strong plants. **Price: Each, 75c.**

**W. SINENSIS ALBA**—Of similar habit to sinensis, with pure white flowers. Strong plants. **Price: Each, 75c.**

# HARDY ORNAMENTAL SHRUBS

Ready for shipment from March 1st to April 10th.

**NOTE**—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at Purchaser's expense.

## ALTHEA

### HIBISCUS—(Rose of Sharon)

**T**HIS has become one of the most popular flowering shrubs. Coming in flower, as it does, in July or August, when few shrubs are in bloom. The entire plant is covered with beautiful double flowers, which, at a distance, look like roses. They make a very pretty flowering hedge. Three-year-old plants. About three feet high.

|                 |                    |        |
|-----------------|--------------------|--------|
|                 | <b>Each 10 for</b> |        |
| Red . . . . .   | \$0.60             | \$5.50 |
| Pink . . . . .  | .60                | 5.50   |
| White . . . . . | .60                | 5.50   |

## CALYCANTHUS

**FLORIDUS**—A well-known native bush, bearing very double, purple, fragrant flowers. Fine and glossy foliage; pineapple-scented, chocolate-colored flowers all Summer; leaves dark green above and pale grayish beneath, a favorite shrub. **Price: Each, 60c; 10 for \$5.50.**



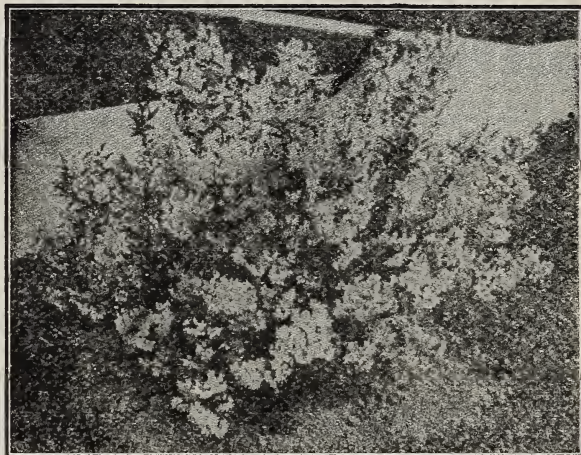
Forsythia.

## HEDGE PLANT

**T**HE demand for hedge plants increases rapidly in all communities, especially in the older communities where they have disposed of the kinds of fences surrounding and dividing one party's buildings from another. Hedges in the rear of town lots, along the alley, are being planted more and more as their beauty and utility become known.

**CALIFORNIA PRIVET**—Of all the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. **Price: 18 to 24 inches high, 10 for \$1.00; 20 for \$1.75; 100 for \$6.50.**

**BARBERRY THUNBERGIA**—Perfectly hardy. Will make a dense hedge from 3 to 4 feet high, which will always remain symmetrical without any pruning. Bears large, nearly round, crimson berries, which remain on plants all winter. Foliage colors beautifully in autumn. Compact low-growing, especially suitable for a hedge or as a border along walks and drives. **Price: 10 for \$4.00.**



Deutzia.

## DEUTZIA

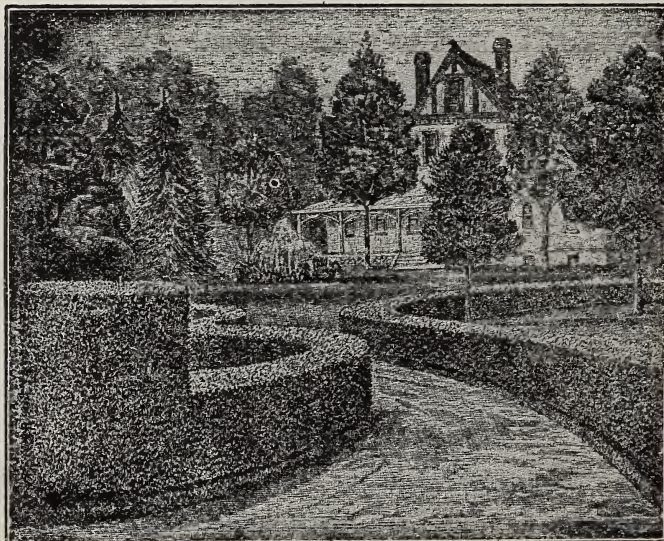
**V**ERY ornamental and popular shrubs with showy white or bluish flowers appearing in tassel-like clusters in Spring or early Summer. Slender, arching branches. **PRIDE OF ROCHESTER**—Grows to 6 feet. Blooms in May in advance of the others. With very large, double white flowers. **Price: Each, 60c; 10 for \$5.50.**

**DEUTZIA CRENATA (Double Pink Deutzia)**—A tall shrub usually 6 to 8 feet high with numerous upright branches. Leaves dull green, rough on both sides, 2 to 3 inches long. Flowers double, pink. **Price: Each, 60c; 10 for \$5.50.**

## FORSYTHIA

**FORSYTHIA FORTUNEI**—Strong, erect habit, bright, golden-yellow flowers in early Spring. **Price: Each, 60c; 10 for \$5.50.**

**SUSPENSIVA (Weeping Golden Bell)**—A tall shrub of willowy growth, the branches gracefully arching, covered with golden-yellow bells in early Spring. **Price: Each, 60c; 10 for \$5.50.**



California Privet.

## HARDY SHRUBS

### SHRUBS SENT BY EXPRESS ONLY

**EXOCHORDA GRANDIFLORA** (Pearl Bush)—A medium sized shrub, producing white flowers in graceful clusters, early in the Spring; very graceful and fine for cut flowers. Strong plants 18 to 24 inches. Price: Each 60c.

### HYDRANGEA PANICULATA GRANDIFLORA

This is one of the most hardy shrubs in cultivation. It attains a height of 3 to 4 feet, and is perfectly hardy in all parts of the country. The flowers are white, borne in immense pyramidal pinnacles nearly a foot in length. It commences flowering in July and continues until November. Price: Each, 70c; 10 for \$6.50.

### LILAC OR SYRINGA

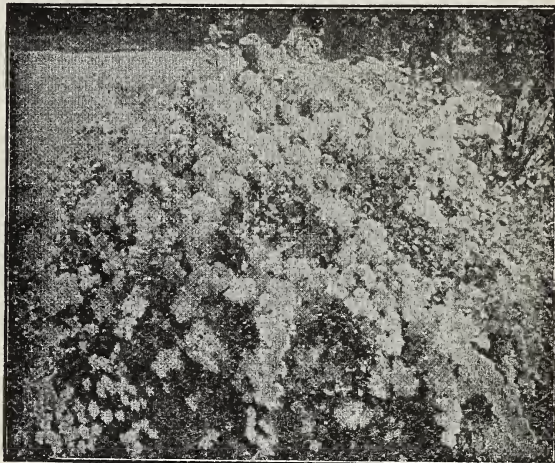
**LILACS** (*Syringa*)—Lilacs stand more neglect, heat or drought without showing any bad effects, than any other plant, and there is hardly any other shrub that can take their place.

**LARGE PURPLE**—Very free bloomer of large flowers; an excellent variety; 3 to 4 feet. Price: Each, 65c; 10 for \$6.00.

**LARGE WHITE**—Free bloomer. Price: Each, 65c; 10 for \$6.00.

### SNOW BALL

One of the most handsome bushes for the yard, known as Snowball Tree; of large size, with globular clusters of pure white flowers, blooming latter part of May; admired by home lovers everywhere; 3 to 4 feet. Price: Each, 60c; 10 for \$5.50.



*Spiraea Van Houtte.*

### SPIRAEA

**ANTHONY WATERER**—A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. Price: Each, 50c; 10 for \$4.50.

**VAN HOUTTE**—The grandest of all the Spiraeas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. An early bloomer, 2 to 3 feet high. Price: Each, 50c; 10 for \$4.50.

**THUNBERGII**—One of the first Spiraeas to bloom. Dwarf habit and graceful form; flowers small, white and very early spring blooming. Very beautiful when in bloom. Price: Each, 60c; 10 for \$5.50.

### SYRINGA OR MOCK ORANGE

**PHILADELPHUS**—For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, pure white flowers, in dense clusters so numerous as to bear the branches down when flowering. Price: Each, 60c; 10 for \$5.50.

### TAMARIX (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. Price: Each, 60c.

### WEIGELIA

**CANDIDA**—Of vigorous habit, flowers pure white and produced in great profusion in June, and continue to bloom at intervals through the Summer. Price: Each, 60c; 10 for \$5.50.

**ROSEA**—A charming new Weigelia, flowers brilliant crimson; a beautiful, distinct, clear shade. Price: Each, 60c; 10 for \$5.50.



*Weigelia*

# ORCHID OR LARGE - FLOWERING CANNAS

Ready for shipment during March and April.

By Parcel Post, add 5c dozen postage.

OF ALL summer bedding plants, Cannas are the tallest and bulkiest, and furnish the widest range of colors. The foliage is of noble proportions, making a full compact mass which serves to conceal the ground or background, and is of itself attractive in rich shades of green, bronze, red and chocolate. The surmounting flower trusses are uniformly large and free, brilliant with most of the colors and combinations known among flowers.

Massed plantings in one color are recommended as being most effective; but many beautiful and striking combinations of colors may be arranged.

## PLANTING DIRECTIONS.

DORMANT Canna roots may be started indoors during March or April, but should not be set out until the weather is settled and the ground warm, usually May or June in this latitude. When planting dormant roots, do not set too deep. The eyes should be 2 inches below the surface. Plant in good, rich garden soil mixed with one-half of old, rotted stable manure. Set them about 18 inches apart each way. Water sparingly the first two weeks after planting; when growing freely, water liberally. Our list embraces the best of the novelties and old standard varieties, every one of which we recommend to our customers. We give the approximate height attained by the different varieties so that they may be properly arranged in bedding.

## CANNAS

### RED FLOWERING, GREEN FOLIAGE

**CHARLES HENDERSON**—Deep crimson yellow, flame at throat. 3½ feet high. Price: Dozen, 60c; per 100 \$4.50.

**CRIMSON BEDDER**—Dazzling crimson-scarlet, well displayed above the foliage. This is one of our own hobbies, and has been for years, without exception, our most conspicuous and satisfactory red bedding Canna. 3½ to 4 feet. Price: Dozen, 60c; per 100, \$4.50.

**GLADIOFLORA**—3 feet. Crimson changing to carmen-rose and edged with gold. Price: Dozen, 60c; per 100, \$4.50.

**METEOR**—Magnificent bedding variety with massive erect trusses of deep blood-red flowers, produced with a freedom that leaves nothing to be desired. The best deep red large-flowered Canna; 5 feet. Price: Dozen, 75c; per 100, \$6.00.

**THE PRESIDENT**—Four feet. This Canna is superior to any other red variety in the quality and also the quantity of bloom. Color rich glowing scarlet and the immense firm flowers are produced on strong erect stalks well above the large, rich green foliage. The foliage is entirely free from disease. Price: Dozen, 75c; per 100, \$6.00.

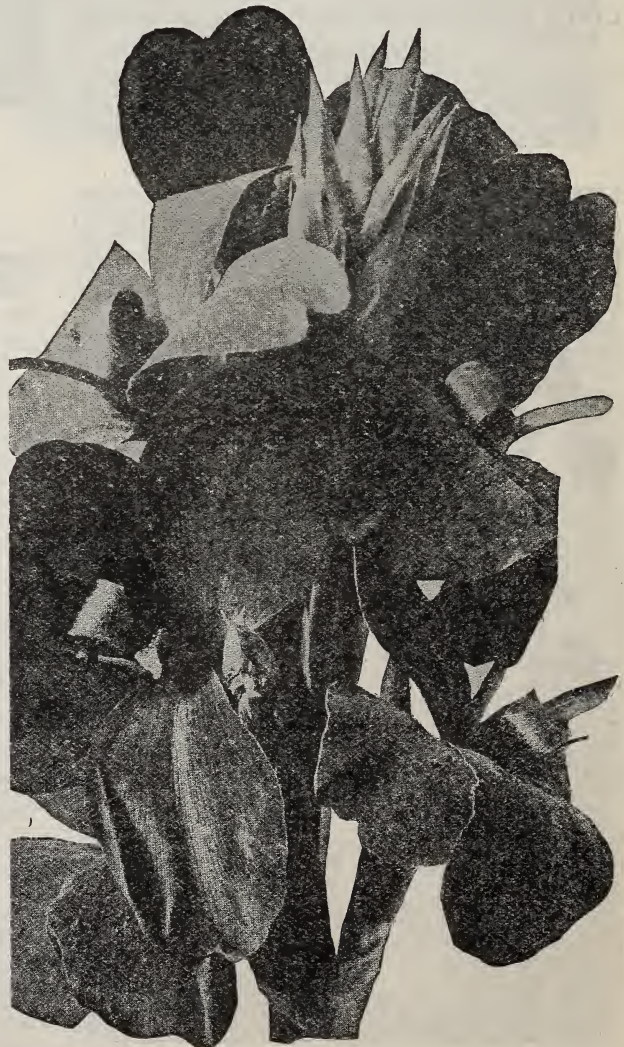
**WINTZER'S COLOSSAL**—Without doubt the largest flowered Canna to date, over 8 inches across. Strikingly vivid scarlet that retains its brilliancy. 5 feet. Price: Dozen, 75c; per 100, \$6.00.

### BRONZE LEAF, RED FLOWERING

**KING HUMBERT**—The grandest Canna ever offered. Large, heart-shaped leaves of purple madder brown over bronze, the dark ribs sharply defined, crowned with immense heads of Orchid-like flowers. Individual petals are of the largest size; velvety orange-scarlet flecked carmine; rose tinted at margin and base. 4 to 4½ feet. Price: Dozen, 75c; per 100, \$6.00.

**NOKOMIS**—Five feet. Large vivid crimson flowers with a rich silky sheen on the large petals. Price: Dozen, 75c; per 100, \$6.00.

**WYOMING**—5 feet. True orchid-flowered variety, with magnificent orange-colored flowers; foliage purple. Price: Dozen, 60c; per 100, \$4.50.



## RED, GOLD EDGED CANNAS

**PANAMA**—3 feet. Color rich orange-red with a border of golden yellow. Flowers of large size with enormous wide petals. Price: Dozen, 60c; 100 for \$4.50.

**SOUV. DE ANTOINE CROZY**—3 feet. Beautiful red, enlivened with a broad border of golden yellow. Price: Dozen, 60c; 100 for \$4.50.

### PINK FLOWERING CANNAS

**CITY OF PORTLAND**—3½ feet. The flowers are of the largest size, borne on heavy trusses. The color is a glowing shade of pink. The foliage is substantial and strong, of rich green color and free from defects. Price: Per dozen, \$1.00.

**MRS. A. R. CONRAD**—3 to 4 feet high. One of the most popular and exquisite cannas. The flower has the ideal canna shape with broad rounded petals opening wide and on a heavily filled truss so as to hide the past blooms. Color an exquisite, soft, opaque pale pink with darker pink, almost a brown in throat. Price: Dozen, \$1.00.

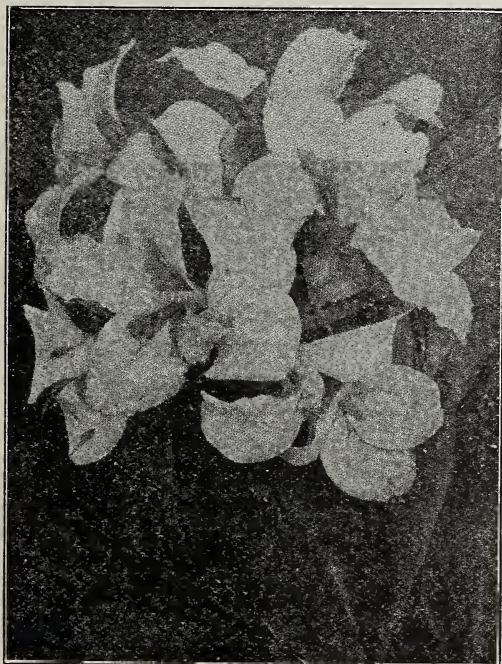
**ROSEA GIGANTEA**—3½ feet. Rich soft rose pink flowers of gigantic size; a prolific bloomer. The large broad petals and the massive heads of bloom invariably create a sensation. Price: Dozen \$1.00.



Yellow King Humbert.

### SEEDS BY PARCEL POST

We Pay Postage on Packets, Oz., ¼ Lb. in U. S. For Lbs., see Parcel Post Rate, Inside Front Cover.



Eureka

### ORANGE AND YELLOW SHADES

**GLADIATOR**—4½ feet. A leader for years. Color is a bright yellow spotted with crimson. No other canna in this color can surpass this sturdy robust grower. Price: Dozen, 60c; 100 for \$4.50.

**GOLDENGATE**—4 feet. When first opened this flower is the true sun color, a glorious golden yellow but it soon turns paler and pinker till it is a tender apricot and gold. Beautifully shaped large flowers. Price: Dozen, 60c; 100 for \$4.50.

**KARL MERCK**—4 feet. Flower a pure yellow with tinge of orange and flecked with pink dashes becoming red in throat. Fine large flowers and large truss. Strong grower. Price: Dozen, 60c; 100 for \$4.50.

**RICHARD WALLACE**—4 feet. Canary yellow flowers. Very floriferous. One of the best yellows. Price: Dozen 60c; 100, \$4.50.

**YELLOW KING HUMBERT**—An orchid-flowering sort of the well-known variety King Humbert. Has the same habit as its parent; foliage a very dark green with flowers measuring 5 to 7 inches across; individual petals 3 to 3½ inches in diameter. Color of flower a deep rich yellow softly spotted and blotched with bright red. Price: Dozen, 75c; 100 for \$6.00.

### WHITE CANNAS

**EUREKA**—The best white Canna for all purposes. The large substantial flowers are very freely produced on strong vigorous plants; 4½ feet. Price: Dozen, 75c; 100 for \$6.00.

# DAHLIAS

Dahlias by Parcel Post, add 3c each Postage.

**THE Dahlia** deserves a place in every garden, much more so than it did twenty years ago; with the new varieties added each season and the extraordinary array of colors which they possess, the time must come when every lover of flowers will always have a few, if not large tracts of these beautiful Summer and Fall flowers.

**TIME OF PLANTING**—The time for planting Dahlias varies quite a good deal, according to the locality, whether sheltered or open, earliness or lateness of the season, and the time when the general crops are desired. In the Central states tubers may be set out as early as May 1st in some sections and from then until the middle of June. Some of our best blooms have been grown from tubers planted out about June 20, obtaining the choicest flowers during the latter part of September. Dahlias should be planted from 2½ to 3 feet apart and covered to a depth of four inches.

## CACTUS DAHLIAS

**THIS** is a selection of varieties made with a view of supplying the amateur with an assortment of Cactus sorts which in our own experience we have found to be the freest-flowering sorts.

**COUNTESS OF LONSDALE**—A pleasing blending of Salmon-pink and amber; an early and profuse bloomer under any conditions.

**EARL OF PEMBROKE**—The flowers are very large, and exceedingly beautiful, borne on long, graceful, wiry stems. The color is deep purple.

**FLAME**—Orange scarlet; florets are long and twisted; flower is carried on a good stem. 4 feet; of very largest size; an early, free and continuous bloomer on long slender stems, one of the best.

**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.  
Price, each of the above, 20c each; \$2.00 dozen. By mail add 3c each.

## SHOW AND FANCY DAHLIAS

**BURLEIGH**—One of the finest show Dahlias, color deep red tipped white, fine for cut flowers.

**PUFF BALL**—A splendid buff, beautifully quilled, of perfect form, and very free-flowering.

**RED HUSSAR**—Tall, bushy, upright. Flowers full, fiery cardinal, with bronze edge at bottom.

**STRIPED BANNER**—Scarlet, tipped white, dwarf; profuse.

**QUEEN VICTORIA**—Rich golden yellow, quilled petals. A strong grower and a profuse bloomer.

**YELLOW DUKE**—A free flowering, long stemmed form of Grand Duke; its full quilled blooms of primrose-yellow being exceedingly soft and pretty.

Price: Each, 20c; dozen, \$2.00. By mail, add 3 cents each.

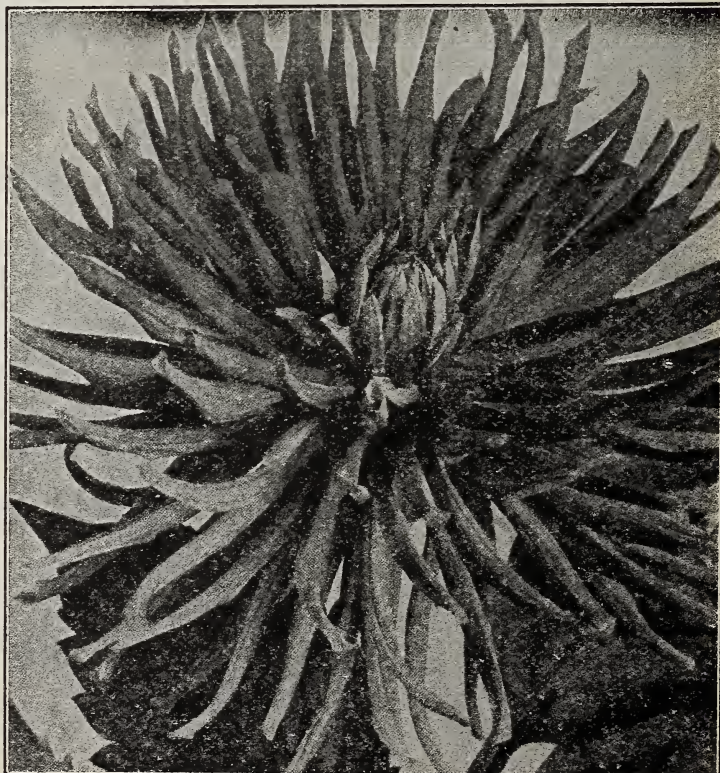
**FLORA**—Ivory white; excellent cut flower. A truly magnificent, white Cactus Dahlia of perfect form. The petals are long, narrow and slightly incurved; an exquisite beauty.

**LIBELLE**—Another grand variety of medium size, a profuse bloomer. Color a beautiful aster purple; very effective.

**PERLE DE LYON**—Pure white; very free blooming and dwarf.

**PINK PEARL**—Beautiful flesh pink, shading to white in the center.

**SPRINGFIELD**—For perfection of bloom, size and erectness of stem, abundance of flowers and general use as a garden flower, this variety has always given excellent satisfaction. It is undoubtedly the most profuse bloomer offered. The color is a rich salmon, tinted.



Cactus Dahlia

## DECORATIVE DAHLIAS

**AUTUMN BEAUTY**—A very fine flower, very early and continuous good bloomer until frost, color beautiful shade of rich autumn brown, a good variety for garden and cut flowers.

**CRIMSON BEAUTY**—Early, bright red, a fine bloomer; this variety should be in every garden.

**DELICE**—A valuable addition to the cut-flower varieties; remains fresh long after cutting, long stems, perfect form. The color is a beautiful, soft, glowing rose-pink, shading slightly lighter to the center.

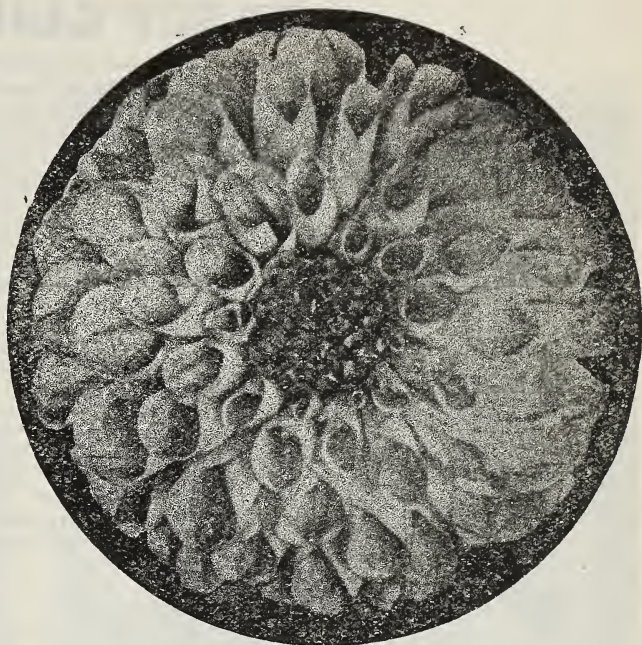
**JACK ROSE**—This variety is exceedingly free, carrying its fairly large flowers on very erect stems in greatest abundance; flowers early.

**KING OF THE AUTUMN**—This is a great Dahlia, both as a cut flower as well as for garden decoration. Its habit of growth is ideal, producing an abundance of flowers of good size, 6 inches or more in diameter.

**LE MONT BLANC**—Gigantic pure white flowers of perfect form.

**LYNDHURST**—Brightest vermilion; the best bright red for cutting. An early, free and continuous bloomer on long straight stems.

**MINA BURGLE**—A seedling named and originated by Mr. Burgle, a California Dahlia lover. Producing flowers of gigantic size, and remarkable beauty. The best in existence; in color, a glowing and most brilliant scarlet.



Decorative Dahlia

**MINNIE McCULLOUGH**—One of the most indispensable decorative varieties that is largely, but should be universally, grown. It is entirely distinct, in a class by itself, on account of the combination of Autumn shades—the gold and red of Autumn leaves.

**ROYAL PURPLE**—This is one of the best purple Cactus Dahlias. Its velvety maroon shade is very striking. The flowers are very large with long stems and stand out well from the foliage.

**SYLVIA**—Best described as a giant Nymphaea. Flowers 4 to 6 inches in diameter, of fine form soft pink on the outer petals. Valuable cut flower for long-distance shipments.

Price: Each, 20c; dozen, \$2.25. By mail, add 3 cents.

## CENTURY DAHLIAS

**ROSE PINK CENTURY**—The largest and best deep pink; enormous flowers on long 3-foot stems; sure and continuous bloomer, vigorous plant. Height, 5 feet.

**WHITE CENTURY**—Pure white; very large and finely formed. A profuse bloomer on long stems.

**ST. LOUIS**—One of the best Red Dahlias for cut flowers. Price for the above: Each, 20c; dozen, \$2.00.

## PAEONY-FLOWERED DAHLIAS

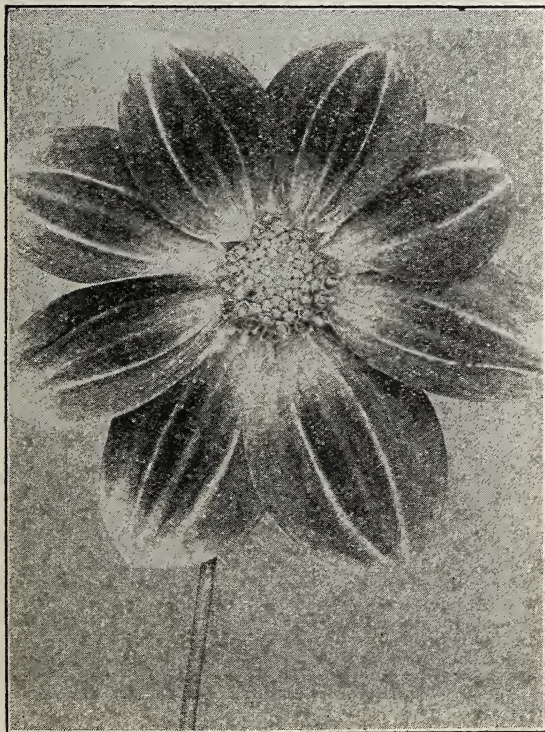
**ELECTRA**—A bluish mauve shade with an exquisite golden yellow center. Free flowering.

**PEARL**—A lavender pink variety, large size flower, keeps well when cut.

**PRIDE OF MILWAUKEE**—A deep velvety maroon; a very attractive flower.

**SALMON QUEEN**—A beautiful shade of salmon pink, large flower, free bloomers, fine for cut flowers.

Price: Each, 20c; dozen, \$2.00.



## SELECT GLADIOLI

Gladioli, by Parcel Post, add 5c per Doz.

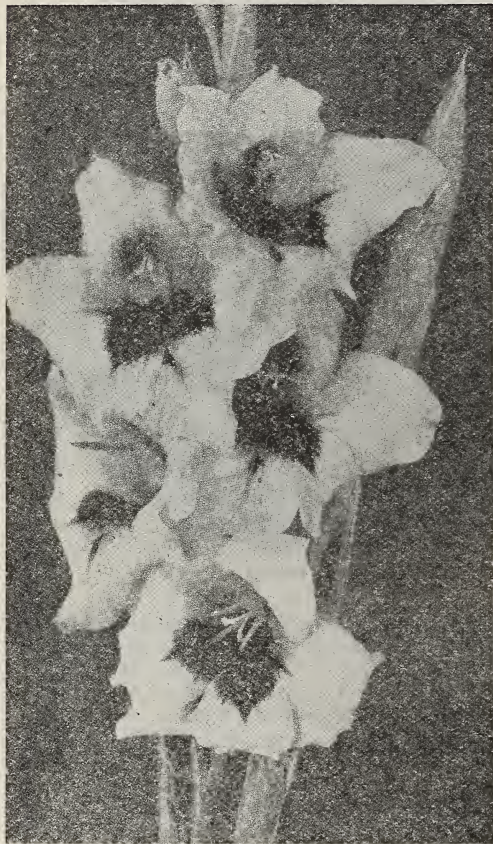
**T**HE Gladiolus is one of the most called-for of our Summer-flowering bulbs. In the following list of varieties we offer only those which we have grown with satisfactory results.

It is needless to say that Gladioli at the present time produce some of the finest colors and most exquisite shades; especially beautiful are the delicate contrasts of the outer segments and the deep veining and heavily colored blotches of the throat, thus making the Gladiolus one of the most attractive Summer-flowering bulbs. We advise the planting of Gladioli during May and June, and should successive plantings be made, flowers may be had until October.

Gladioli thrive in almost any good garden soil; but if well prepared, by adding stable manure, better results may be obtained.

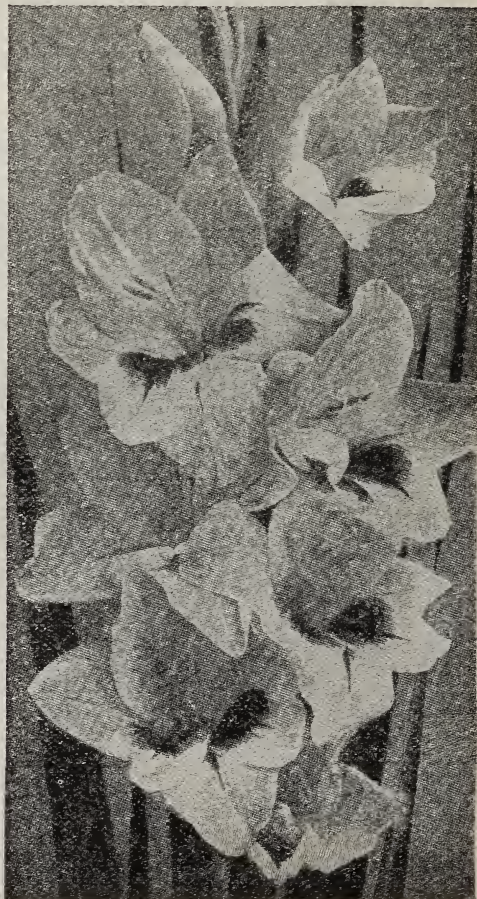
**AMERICA**—A splendid Gladiolus. The color is a soft pink very much like the Enchantress Carnation except slightly tinged with lavender, effecting a perfect color harmony. A splendid bedding sort and an excellent cut flower. It is undoubtedly the most desirable variety in the market. Extra large bulbs. **Price: Dozen, 40c; 100 for \$3.50.**

**ANNIE WIGMAN**—Pale yellow, dark blotch. **Price: Dozen, 75c; 100 for \$6.00.**



Annie Wigman.

PLANT  
"Pure  
and  
Sure"  
Seeds



Glory of Holland

**AUGUSTA**—Flowers are of perfect paper white, with a slight pink shade on lower half of the petal. The spike is set solid and perfect with the flowers from top to bottom. **Price: Dozen, 60c; 100 for \$4.50.**

**CHICAGO WHITE**—A fine white variety with lavender stripes on lower petals. Medium sized flowers borne on a tall spike and from seven to eight flowers open at a time. **Price Dozen, 50c; 100 for \$4.00.**

**EMPRESS OF INDIA**—Rich velvety dark red with deeper shadings. **Price: Dozen, 75c; per 100, \$5.50.**

**GLORY OF HOLLAND**—A new white with slight tinting of pale pink and anthers of delicate lavender. Blossoms large and gracefully set on a tall spike. One of the finest whites. **Price: Dozen, 75c; 100 for \$5.50.**

**HALLEY**—The predominating color of these flowers is delicate salmon pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center, the whole producing a delightful effect. **Price: Dozen, 50c; 100 for \$4.00.**



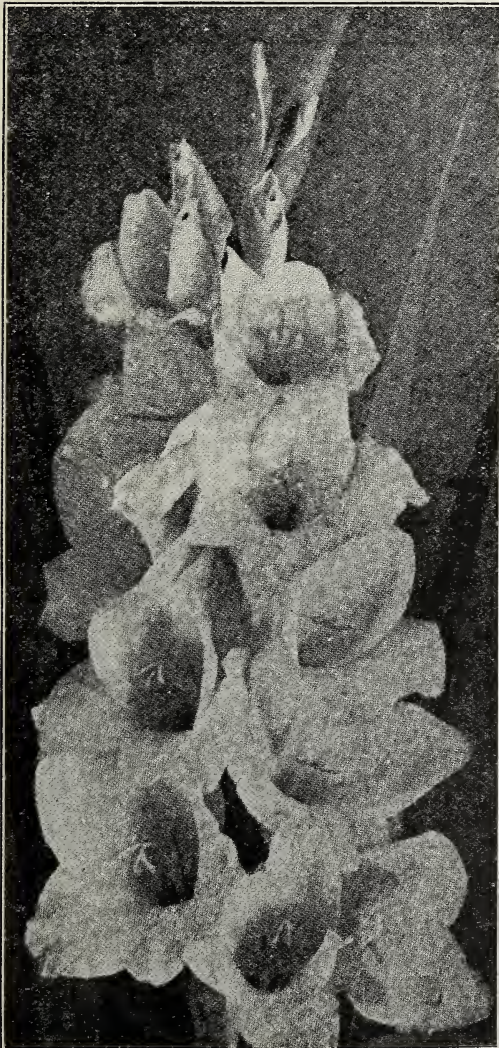
**GLADIOLI**—Continued.

**HOHENSTAUFEN**—Pure white suffused soft pink, throat scarlet edged yellow. **Price: Dozen, 60c.**

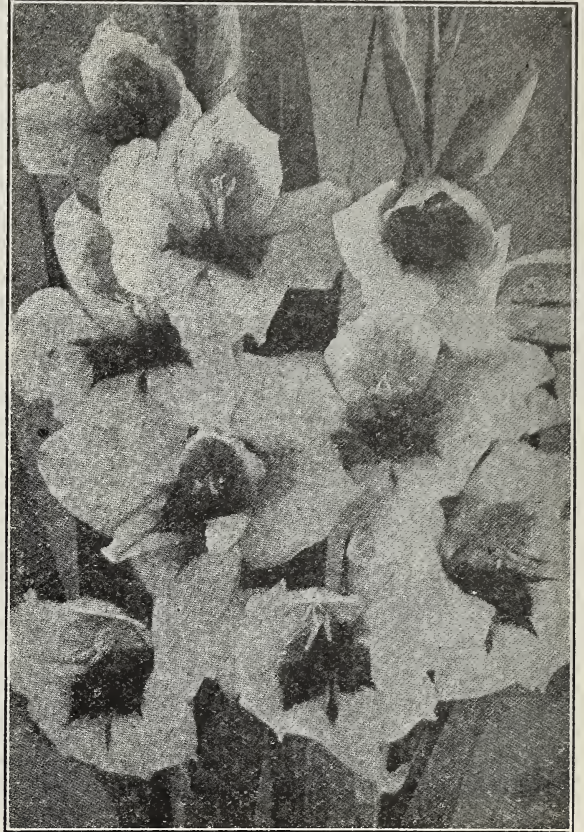
**INDEPENDENCE**—A brilliant rose-pink, with richly marked throat; a long spike of wax-like flowers; one of the best for cut-flowers or massing, because of its color and lasting quality of the blooms. **Price: Dozen, 50c. 100 for \$4.00.**

**KLONDYKE**—The flowers are of medium size and of great substance; clear primrose yellow with a crimson blotch in the throat. Of dwarf habit. **Price: Doz., 60c; 100 for \$4.50.**

**LILY LEHMANN**—Purest ivory-white flushed pink at tips of petals, with conspicuous lavender anthers. **Price: Doz., 75c.**



**Mrs. F. Pendleton.**



**Mrs. Francis King.**

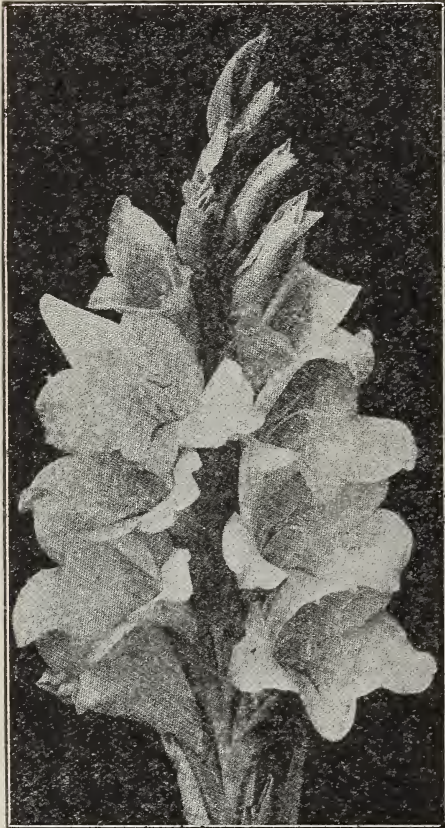
**MRS. FRANCIS KING**—Is a strong grower, vigorous and healthy. Has long, strong foliage and effective flower-spikes. The magnificent flowers measure  $4\frac{1}{2}$  inches across, and there are five or six flowers well spread out on the spike at the same time. The color, brilliant flamingo-pink, blazed with vermilion red. **Price: Doz., 40c; 100 for \$3.00.**

**MRS. FRANK PENDLETON**—Immense round flowers of great substance. Coloring most attractive; vivid pink toning off blush, the lower petals being further ornamented with large velvety orange-red blotches in the throat; tall, strong grower. **Price: Doz., 75c; 100 for \$6.00.**

**NIAGARA**—In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals. **Price: Doz., 75c; 100 for \$6.00.**

**PANAMA**—Exquisite and magnificent, being fully the equal of America in form and size, but superior to it in color, being more on the order of salmon-pink. Wherever this variety has been exhibited it has secured first premiums. European growers have endeavored to secure the entire stock. **Price: Doz., 50c; 100 for \$4.00.**

## GLADIOLI—Continued.



**PRINCE OF WALES**—A seedling of Halley, which it resembles, but is even earlier to bloom; attractive, nebulous orange color, very popular for early cutting. **Price: doz., 75c; per 100, \$6.00.**

**PRINCIPINE**—Brilliant red with pinkish white blotch; large, well-expanded flower of good substance. **Price: Dozen, 75c.**

**PRIMULINUS HYBRIDS**—Self colors that are most pleasing on account of their delicacy, slenderness and peculiar form. The petals are quite thin, making the veining very prominent. They vary from pale yellow to bright orange salmon, apricot and light scarlet. These graceful flowers are of medium size, with the upper segments somewhat drooped, making a quite distinct hooded form. **Price: Dozen, 35c.**

**SCHWABEN**—A meritorious variety of wonderful vigor with strong erect spikes and large flowers of a clear yellow color. Small blotch of deep garnet in throat. **Price: Doz., 60c; 100 for \$4.50.**

**WILBRINK**—A sport of Halley; retains Halley's earliness and has the color of America; soft yellow blotch on lower petals; when better known, it is bound to be in great demand. **Price: Dozen, 75c.**

**YELLOW HAMMER**—Yellow of vigorous growth, healthy and prolific. Flower above medium size, straw yellow, deepened to golden yellow on lower. The stamens being very light, the effect of the flower is a very pleasing soft yellow. **Price: Dozen, 75c; 100 for \$5.50.**

**WILLY WIGMAN**—A creamy white ground delicately rose tinted with a large soft carmine conspicuous blotch on lower petals. **Price: Dozen, 75c; 100 for \$5.50.**

## "PURE AND SURE" GARDEN MIXTURE

This is our popular, low-priced mixture, and is composed of fine sorts, in all colors, in first-size bulbs only. We have tested many brands of mixtures, but have never seen any which surpassed it in variety of coloring or general excellence. **Price: Dozen, 35c; 100 for \$2.50.**

## AMARYLLIS

The Amaryllis is pre-eminently a window garden plant for the amateur, producing under the simplest conditions one, two and even three spikes, two feet or more high, which are crowned with from three to six large and gorgeous trumpet-shaped blooms, mixed colors, which last long in good condition. **Price: Each, 75c.**

## CALADIUM ESCULENTUM

(Elephant's Ear.)

ONE of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 5 to 7 feet high, and bears immense light green leaves, 3 to 4 feet long by 2½ feet wide.

|                    | Each  | Per Doz. | Weight Each |
|--------------------|-------|----------|-------------|
| Mammoth bulbs..... | \$.50 | \$5.00   | 2 Lb.       |
| Large ".....       | .30   | 3.50     | 1 Lb.       |
| First Size ".....  | .20   | 2.25     | ½ Lb.       |
| Medium ".....      | .10   | 1.00     |             |



Caladium.

## FANCY LEAVED CALADIUMS

**CALADIUMS (Fancy Leaved)**—Dry Bulbs, 1½ to 2 inches in diameter. For window boxes, show plants, or greenhouse growing they are invaluable. Rich thrifty leaves, more handsome than Begonias; marbled, veined and striped with white, pink and dark red. Bulb should be started into growth about April 1st, in a warehouse. **Price: Each, 30c.**

## CINNAMON VINE

A beautiful, rapid-growing Summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. It is perfectly hardy, the stem dying down in Winter, but growing with great rapidity in the Spring, so as to cover any trellis or arbor very early in the season. Large, select roots. **Price: Each 10c; Dozen, \$1.00.**

## HARDY JAPAN LILIES

By Mail Add 15c Dozen Postage.

**LILIES** have always been regarded as among the most beautiful of garden plants. Of queenly beauty, faultless purity and stately form, too much cannot be said in their praise and we are glad to notice their increasing popularity from year to year. Nearly every variety will, with a little care, endure the severity of our winters and many are among the most hardy of our garden flowers.

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enriching it abundantly with well rotted cow manure, adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size. During the winter it is advisable to cover the surface of the bed with a thin layer of manure, which will afford a slight protection to the bulbs and also materially enrich the soil.

**AURATUM**—The glorious, gold-banded lily of Japan and one of the most superb plants in cultivation. Its immense ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into the white. Such choice bulbs as we offer, if well cared for, will give five to ten magnificent flowers the first year and under good cultivation will, after becoming well established, give from ten to fifty. **Price: Each, 40c; Dozen, \$4.50.**



*Lilium Speciosum Rubrum.*



Cinnamon Vine.

Most plants will be benefited by an occasional top-dressing during the growing season with either **Pulverized Sheep or Poultry Manure.** See Pages 3 and 79.

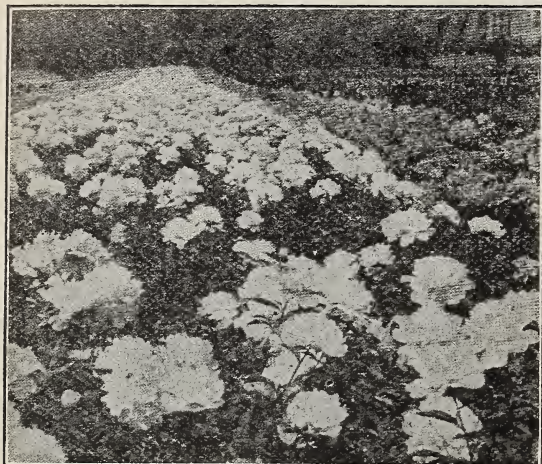
**SPECIOSUM ALBUM**—Pure white flowers with a greenish band through the center of each petal; of great substance, very fragrant. One of the best for general culture. **Price: Each, 40c; Dozen, \$4.50.**

**SPECIOSUM RUBRUM**—No words can overstate the brilliant beauty of these famous Japanese Lilies. The six broad white or pink petals are thickly dotted with rose or crimson spots and the graceful form and brilliant color make them very effective and desirable. Especially thrifty and hardy. One of the best for garden culture. **Price: Each, 40c; Dozen, \$4.50.**

**MELPOMENE**—Words cannot describe the beauty of this variety. Frosted white spotted, clouded and bordered with pinkish crimson. Petals deeply recurved and widely bordered. **Price: Each, 40c; Dozen, \$4.50.**

## MADEIRA VINE

A favorite tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. It will grow anywhere, but does best in a warm, sheltered, sunny location. It is also a very pretty plant for training around the windows in the house. **Price: lb., 20c; By Parcel Post, add 5c lb.**



## HERBACEOUS PEONIES

Sent By Express Only.

**Time of Delivery**—All roots can be delivered from early March until the end of April, and again from September on and until freezing time in the Fall.

**T**HE old-fashioned Peony officinalis of our grandmother's garden, while still popular because of their early flowering have been eclipsed by the wonderfully improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position—which, however, is not absolutely necessary as they thrive almost equally well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equaled by any flower, and once planted they take care of themselves, increasing in beauty each year.

## SELECT NAMED PEONIES

**DUCHESS DE NEMOURS**—Superb ivory white; fragrant; medium to large, crown type; medium early to mid-season; vigorous; good stems; blooms freely. **Price: Each, 50c.**

**DUCHESS D'ORLEANS**—Medium to large; dark carmine, pink guards, center soft pink interspersed with salmon; fragrant; bomb type; midseason; extra strong, vigorous growth; very tall; a free bloomer. A profitable cut flower as it ships well and can be depended on for an abundance of flowers year after year. **Each, 50c.**

**EDULIS SUPERBA**—Large and of good form; bright deep rose pink; very fragrant; crown type; very early, several days before Festiva maxima; strong, vigorous; stems long; blooms freely. **Price: Each, 50c.**

**FELIX CROUSE**—Rich Ruby red; bomb type; fragrant; midseason; blooms freely. **Price: Each, 90c.**

**FESTIVA MAXIMA**—Very large; white flecked carmine; very fragrant; rose type; early; long stems; blooms freely. **Price: Each, 50c.**

**HUMEL**—Large; cherry pink; rose type; cinnamon fragrance; very late; long stems. **Price: Each, 50c.**

**JEANNE D'ARC**—Large; soft pink, center sulphur-white and rose; bomb to informal rose type; fragrant; midseason; blooms freely. **Price: Each, 50c.**

**MARINE LEMOINE**—Very large; ivory white; compact rose type; fragrant; very late; blooms freely. **Price: Each, 10c.**

**ZOE CALOT**—Very large; soft pink tinted lilac; fragrant; very full globular bloom; midseason; growth strong, good medium height; very stiff stems; blooms freely. **Price: Each, 50c.**

## TUBEROSE

By mail add 10c Dozen Postage.

**T**HE flowers of this popular plant are waxy-like, one of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

### DOUBLE PEARL TUBEROSES

One of the most delightfully fragrant and beautiful of the Summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year around. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the first of May, or as soon as the ground becomes warm. Strong flowering bulbs, 10 cents each; \$1.00 per dozen; \$7.00 per 100.

### MEXICAN EVER-BLOOMING SINGLE

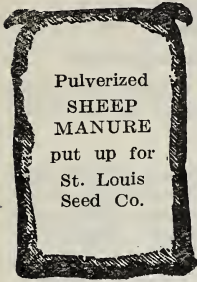
The most free-blooming tuberose in existence. It is a native of the tableland district of Mexico. Each bulb produces only one flower spike; but the peculiar feature is the making of new bulbs, as the original one is blooming, which flower as soon as the old bulb has finished, thereby yielding a succession of bloom throughout the season.

These bulbs may be planted out as early as the first of May and as late as the middle of June, and flowering in about eight weeks' time, they continue until after the first frost. The flower stalk is tall and stiff, usually bearing from six to twenty pure white blooms, having the same delightful odor as the regular double variety. The stalks when cut will last for a great length of time in water and the flowers will also increase in size.

This Mexican Ever-blooming Tuberose is easily grown in the house or greenhouse and makes one of the best and most useful varieties for forcing. **Price: Dozen, 60c; per 100, \$4.00.**



Tuberoses.



Pulverized  
SHEEP  
MANURE  
put up for  
St. Louis  
Seed Co.

# FERTILIZERS

## FOR LAWN, GARDEN, FIELD and HOUSE PLANTS A NECESSITY TO ALL GROWING PLANTS



BONE  
MEAL  
put up for  
St. Louis  
Seed Co.

ALL CULTIVATED soils require fertilizing from time to time to replace the vital growing forces and power which each succeeding crop removes in its development and maturity. Unless this is done it is only a matter of time when even rich and fertile soils will fail to be productive.

Farms, Gardens, Lawns and Flower Beds always should be given a dressing of fertilizer each season before planting. Mother Earth needs food to produce good crops, the same as a human being requires food to be strong and healthy.

### FLOYD'S ODERLESS GARDEN FERTILIZER

AFTER the soil has been thoroughly worked, broadcast one to one and one-half pount Plant Food to the square yard and rake into soil.

For Gardens and Lawns.

10-lb. Bags . . . . . \$0.60      50-lb. Bags . . . . . \$2.00  
25-lb. Bags . . . . . 1.25      100-lb. Bags . . . . . 3.25

**BONE MEAL**—For top dressing for lawns, pastures, and meadows; also for use in the vineyard and about fruit trees and bushes. It carries ammonia and phosphoric acid. Use 400 to 600 lbs. per acre. Price: 10 lbs., 65c; 25 lbs., \$1.50; 50 lbs., \$2.50; 125 lbs., \$5.00.

**HUMUS**—An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. For Lawns cover ½ inch thick. Price: 50 lbs., 90c; 100 lbs., \$1.50.

**HYDRATED LIME**—Hydrated lime used for top dressing on lawns and mixing soil for potting plants. 50 lbs. to cover 1000 square feet. Price: 10 lbs., 35c; 50-lb. bags, 90c.

**NITRATE OF SODA**—Carries nothing but nitrogen (ammonia)—no phosphoric acid or potash. It is highly stimulating. On grass or other vegetation it is visible in a few days after application. Price: lb., 15c; 10 lbs., \$1.00; 50 lbs., \$3.50.

**POULTRY MANURE**—One of the best pulverized fertilizers for lawns, flowers and vegetables. For vegetables, gardens, etc., 50 pounds to 500 square feet. Price: 25-lb. bags, \$1.10; 50-lb. bags, \$1.75; 100-lb. bags, \$3.00.

**PULVERIZED LIMESTONE**—As a crop-producer, we hardly believe it has an equal. It is made from the purest crystalline white limestone obtainable. Bags of 100 lbs., \$1.50; ½ ton, \$12.50.

### MULFORD CULTURES FOR LEGUMES

DECISIVE tests have shown the great value of inoculating seed with various bacteria to increase the plant growth as well as the nitrogen-gathering qualities of the plant. No farmer today would think of putting out a field of clover without using some kind of an inoculation.

Small Size (supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) . . \$0.35  
5 -Acre Size ("Dollar per Acre") . . . . . 5.00  
1 -Acre Size . . . . . 1.50  
¼-Acre Size . . . . . .75

**PULVERIZED SHEEP MANURE**—As a top dressing for lawns there is nothing better. Promotes a steady and rapid growth in the vegetable garden. For garden and field crops, 1 to 2 tons per acre—Fall or early Spring. For New Lawns, use 100 lbs. to 1000 square feet. For Old Lawns, as a top dressing, use 50 lbs. to 1000 square feet.

For Flower Beds and Vegetable Gardens, before planting, use 50 lbs. to 500 square feet.  
For Mixing Potting Soil use 1 qt. to 20 quarts of earth. Price: 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75.

**ST. L. S. CO.'S EXCELSIOR PLANT FOOD**—It will make weak plants strong and make healthy plants have brighter flowers and prolong the period of blooming. Price: Small size, 20c; large size, 35c.

**STIM-U-PLANT** Tablets are packed in three sizes: Small size, 25c, containing 30 tablets; Medium size, 75c, containing 100 tablets; large size, \$3.50, containing 1,000 tablets.



NITRAGIN now comes in Bushel sizes instead of acre sizes. This means that it costs you less per acre than inferior imitations. If you sow 12 pounds of seed to the acre it will only cost you 20 cents for your Nitragin. It means that

### Your Dollar Goes Further With NITRAGIN

Nitragin is an old, reliable inoculator. At the low price of 20 to 33 cents per acre you cannot afford to sow legumes without it. Nitragin is put up in the modern ventilated package; in a rich, soil-like packing medium. The contents are always fresh, living bacteria to feed your plants. Easy to use.

### EVERY GARDEN NEEDS NITRAGIN

NEW GARDEN CULTURE FOR PEAS AND BEANS.

See Below.

### PRICES

|                         |        |                   |     |
|-------------------------|--------|-------------------|-----|
| ¼ Bushel size . . . . . | \$0.40 | Postage . . . . . | 4c  |
| ½ Bushel size . . . . . | .60    | Postage . . . . . | 5c  |
| 1 Bushel size . . . . . | 1.00   | Postage . . . . . | 7c  |
| 5 Bushel size . . . . . | 4.75   | Postage . . . . . | 10c |

Garden (peas, beans, sweet peas—three in one package) . . . . . .20      Postage . . . . . .2c

State What Crop You Want the Nitragin For.



# INSECTICIDES AND FUNGICIDES

Goods marked \* can be mailed at buyer's expense.

Goods not marked cannot be mailed.

\***APHIS PUNK** (40 Per Cent Strength, for Fumigating)—Specially prepared for Greenhouses and Conservatories. It vaporizes the nicotine economically and evenly. Nothing keeps a house free from Aphis, Thrip and other parasites so thoroughly and cheaply. **Price:** Box of 12 rolls, 80c; 1 case 12 boxes, \$7.50.

\***ARSENATE OF LEAD POWDER**—The best known and most extensively used stomach poison for insects. It is safe to use on most plants, possesses good adhesive qualities, shows white when sprayed and owing to its fineness remains in suspension well in water. It can be combined with Nicotine, Kerosene Emulsion, Bordeaux Mixture, Lime-Sulphur and Soap, without impairing the efficiency of either. The powder is rapidly displacing the paste, because the powder can be handled more easily, will not freeze, and owing to the saving in freight due to the absence of water. For general use, 1 pound to 50 gallons of water, or 3 teaspoonfuls to 1 gallon of water. **Price:** ½ lb., 30c; 1 lb., 50c; 5 lbs., \$2.00.

†**ARSENATE OF CALCIUM (Powder)**—A preparation somewhat similar to Arsenate of Lead, lime being substituted for lead and contains a higher percentage of arsenic oxide. It is used for control of chewing insects upon plants whose foliage is not tender. This poison should not be used on peach, cherry, plum or other stone fruits, but may be used on apple, pear, grape and many vegetables. It is excellent for killing potato bugs. It may be combined with Lime-Sulphur or Bordeaux Mixture without depreciating the value of the fungicide or the insecticide. **Price:** ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

†**BORDEAUX MIXTURE POWDER (Fungi-Bordo)**—For blight, mildew, rust and fungus diseases. For ordinary use it takes 6 pounds to 50 gallons of water; for peach trees and trees with tender foliage use 6 pounds to 65 to 70 gallons of water. **Price:** 1 lb., 45c; 5 lbs., \$2.00.

\***FISH OIL SOAP**—Used as a wash during the summer to prevent spread of scale. Destroys sucking insects and plant lice. Also used as a spreader for nicotine sprays. **Price:** ¼ lb., 10c; ½ lb., 20c; 1 lb., 35c.

\***FLOWERS OF SULPHUR**—Used to check mildew and fungus diseases. **Price:** 1 lb., 15c; 10 lbs., \$1.25; 25 lbs., \$2.50.

\***GARDITE**—A powder that is applied when dew is on the leaves. Used for cabbage worms, cucumbers, and all garden truck. **Price:** 1 lb., 15c; 5 lbs., 60c.

\***GRAPE DUST (Hammond's)**—Used as a dust to check mildew, dry rot and other fungi. **Price:** 1 lb., 30c; 5 lbs., 75c.

\***GRAFTING WAX**—Used for grafting. Also good to rub over any wounds that are made on the bark or in pruning. **Price:** ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c.

\***HELLEBORE**—Used for worms on currants and gooseberries. Use 1 ounce to 1 gallon of water. **Price:** ¼ lb., 25c; ½ lb., 40c; 1 lb., 75c.

†**LIME SULPHUR POWDER**—Used as a dormant spray against scale insects. Has a certain fungicidal properties. Use 10 to 12 pounds to 50 gallons of water. As summer spray use 2 pounds to 50 gallons of water. **Price:** 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75.

**LIME SULPHUR (Liquid)**—Has same effect as the powder. Protect the hands with gloves when applying. Dilute with 10 parts of water. For summer spray dilute with 40 parts of water. **Price:** Qt., 50c; ½ gal., 75c; gal., \$1.00; 5 gal., \$4.00.

**NIKOTEEN (30%)**—An economical and powerful nicotine extract. Death to Aphis or Green Fly, Spider, Mealy Bug, Thrip and many other forms of flower, fruit and vegetable lice. **Price:** Small bottles, 30c and 50c; ½ lb., \$1.25; 1 lb., \$2.25; (40% strength) 4 lbs., \$7.00; 8 lbs., \$13.00.

**PARIS GREEN**—Apply dry or in a solution of water. Paris Green is a strong and best known poison for potato bugs. Its effectiveness is recognized by all potato growers. Do not use on some fruits. On apple and other fruits use with Bordeaux Mixture. Never mix Paris Green with Lime-Sulphur solution. **Price:** ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**SCALECIDE**—A dormant spray for scale. Mix 1 part Scalecide to 15 parts water. **Price:** 1 qt., 60c; 1 gal., \$1.45; 5 gals., \$5.25; 10 gals., \$9.75; 50 gals., \$37.50.

\***SLUGSHOT**—A light, composite, fine powder applied with dusters or bellows or in water by spraying. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, chicken lice, slugs, sow bugs, etc., and is strongly impregnated with fungicides. **Price:** Cartons, 29c; 5 lbs., 75c.

**TOBACCO DUST**—For aphis. **Price:** 100 lbs., \$5.00.

\***TREE PAINT (Pine Tar)**—For painting on wounds after pruning. **Price:** 1 pt., 30c; 1 qt., 50c; 1 gal., \$1.75.

\***TREE TANGLEFOOT (Caterpillar Paste)**—A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. **Price:** 1 lb. can, 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 20 lbs., \$8.75.

**WEED KILLER (Hammond's)**—Kills weeds in gutters, roads, paths, tennis courts, etc. Will not discolor cement. Easier and less expensive than hoeing and digging. Use 1 part Weed Killer to 50 parts of water. **Price:** 1 qt., 70c; 1 gal., \$1.75; 5 gals., \$7.00; 10 gals., \$13.00; 30 gals., \$33.00.

**Most plants will be benefited by an occasional top-dressing during the growing season with either PULVERIZED SHEEP or POULTRY MANURE.**

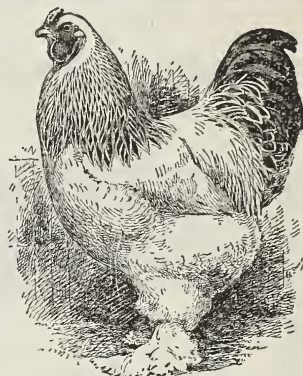
See Pages 3 and 79.

**INSECTICIDE PRICES SUBJECT TO CHANGE.**

**LARGEST POULTRY SUPPLY HOUSE IN THE WEST****“EVERYTHING FOR THE POULTRY YARD”**

The items listed on the following pages represent eighteen years of experiments and tests to determine the accessories that would be of the greatest service to the poultryman and enable him to secure the largest profits with a greater saving of time, labor and expense to all interested in poultry.

To the service we have rendered in the past and to the success attained by our customers can we attribute the marvelous growth of our poultry supply business and today we number among them the largest poultry farms of the country for they know that we are able to take care of their requirements.

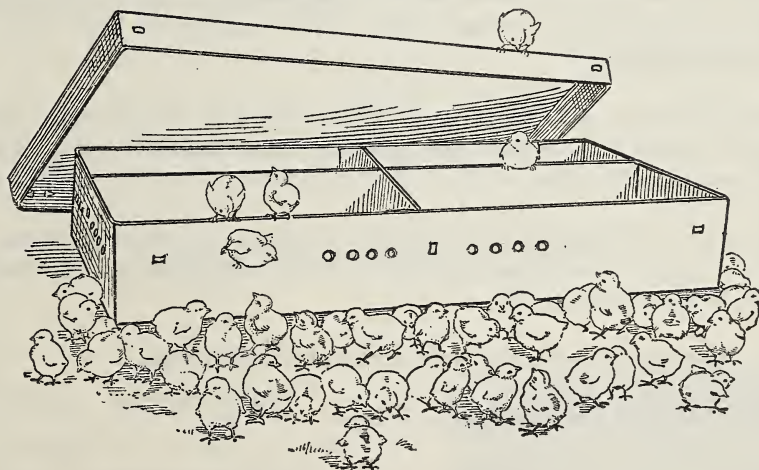


But there are thousands who only raise a few chickens that depend upon us entirely for their supply of poultry equipment, feeds and remedies. Large as we are, your problems will always have our best consideration. Experts are at your service at all times to assist you in your poultry problems, and we want you to feel at liberty to call upon them to assist you to make your poultry pay.

“Everything for the Poultry Yard” can be had from us and your orders will have our best attention.

**BABY CHICKS**

**Conkey's  
Buttermilk  
Starting  
Food  
is the  
Ideal  
Baby Chick  
Food  
It will  
Raise  
the Chicks  
for You**



**Don't  
Forget  
to  
order  
Starting  
Food  
and Fine  
Grit  
When  
You Order  
Your  
Chicks**

From February 1st to July 1st we are able to supply the following breeds of baby chicks.

White Leghorns  
Anconas  
S. C. R. I. Reds  
Buff Rocks  
Buff Orpingtons

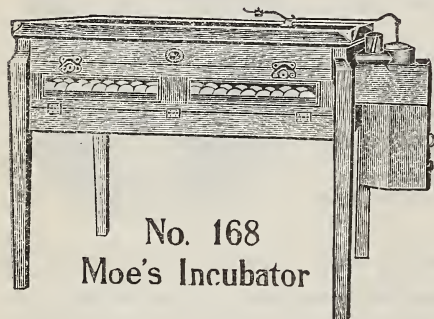
Brown Leghorns  
Black Minorcas  
Barred Rocks  
White Wyandottes  
White Orpingtons

Buff Leghorns  
R. C. R. I. Reds  
White Rocks  
Silverlaced Wyandottes  
Light Brahmans

**WRITE FOR SPECIAL PRICE LIST ON BABY CHICKS**

# MOE'S INCUBATORS

COMMON SENSE MACHINES THAT PRODUCE CHICKS



No. 168  
Moe's Incubator

MOE'S INCUBATORS cost much less than most good incubators. The egg tray is larger than most other machines rated at the same size, and the machine is heavier and sturdier built.

California red wood is used in the construction of Moe's Incubators. The case has thick double walls, with strong rigid joints which will not come apart when subjected to heat and moisture. There is a dead air space and insulating material between the outer and inner walls which are both made of California red wood.

The heater lamp has a heavy metal bowl of large capacity, fitted with the famous, "Sun Hinge" burner and burns with a steady and uniform flame.

The lamp rests in a strong galvanized container which encloses it on three sides. This acts as a perfect shield and insulator, prevents any oil from coming in contact with the wood cabinet, and is an efficient protection against danger of fire. It also confines the heat under the copper tank and makes for economy in fuel.

Moe's Incubators have solid copper tank and heating coils, with double locked and soldered seams. The water is heated in the copper tank above the lamp, and then circulates through the coils producing a soft, even, uniform heat of the correct temperature in every part of the incubator.

The filler cap is securely soldered to the tank, (no screw connections to become worn and loose) and an automatic air vent or overflow tube provides for expansion and contraction, or any air pocket that might form in heating coils.

Moe's hot water heating system is simple, safe and dependable.

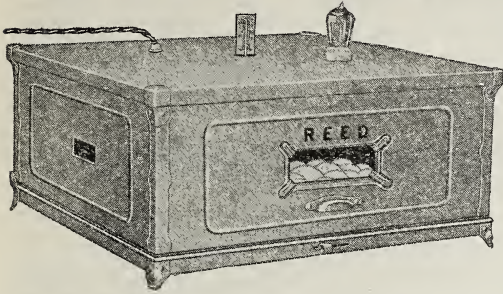
We pay the freight on Incubators and Brooders.

|                        |         |                       |         |
|------------------------|---------|-----------------------|---------|
| No. 165— 85 eggs.....  | \$25.50 | No. 170—400 eggs..... | \$63.00 |
| No. 167—150 eggs.....  | 36.00   | No. 172—600 eggs..... | 96.00   |
| No. 168—250 eggs.....  | 51.00   | No. 174—800 eggs..... | 115.00  |
| No. 176—1200 eggs..... |         |                       | 188.00  |

*We Pay the Freight on Incubators and Brooders*



# Reed Self-Regulating Electric Incubators



Operates on either alternating or direct current, 32, 110, 220 Volts. Specify Voltage.

The cartridge-heat units give out a mild, gentle heat, and are so arranged that the heat is equally distributed over all parts of the egg tray. This is a very important feature, and is necessary in order to secure uniform development of the eggs and an even hatch. A poorly designed and cheaply constructed machine is always defective in this particular.

## HEAT SUPPLY AND CONTROL

The method of heat supply and control is the most vital problem to be solved. The machine furnishes an automatically controlled heat supply which does not vary during the hatch, and automatically takes care of the heat, irrespective of any change in the temperature of the surrounding air. Compare this with the work attached to the ordinary oil incubator, and you can judge for yourself how much better the Electric incubator does the work.

## EVEN HEAT DISTRIBUTION

The heating units are contained in the roof, and slip into spring clips, making them interchangeable and removable.

## AIR AND MOISTURE

The moisture contained in the egg when first set, if unevaporated during the hatch, would drown the chick this evaporation takes place slowly and is governed by the humidity of the air in the incubator. If the humidity is too great or too small, the moisture in the egg evaporates too slowly or too fast, as the case may be. The intent is to keep the humidity as near the proper amount as possible.

This Incubator is equipped with moisture pan to hold sufficient water when needed in exceedingly dry climate and a regulator to admit any amount of air desired—Full and explicit directions accompany the Incubator.

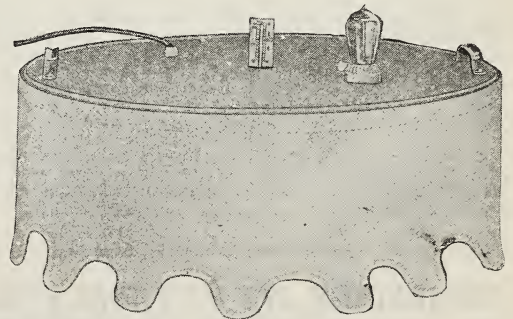
|         |       |         |
|---------|-------|---------|
| 50 Egg  | ----- | \$17.50 |
| 100 Egg | ----- | 25.00   |
| 150 Egg | ----- | 32.50   |
| 200 Egg | ----- | 37.50   |

**We Pay the Freight on Incubators and Brooders.**

## ELECTRIC BROODERS

The Hover is controlled and regulated in exactly the same way as the incubator, and is automatic in its functions.

| Size    | Capacity  | Price   |
|---------|-----------|---------|
| 24-inch | 100 Chick | \$15.00 |
| 30-inch | 150 Chick | 18.00   |
| 36-inch | 200 Chick | 21.00   |



**CONKEY'S FEEDS GIVE BEST RESULTS**

# INTERNATIONAL SANITARY HOVER

## The One Perfect Brooding Device



No one realizes better than we do that the entire success or failure of poultrymen depends upon their brooding system. They must be able to raise as large a number of the chicks hatched or bought as possible and therein lies the whole secret of the poultry industry and its successes.

We have seen poultrymen start out with practically nothing and grow into mammoth industries; we have seen others start with everything and fail. And to one thing can be traced this success or failure—the brooder that had to raise the chicks to large, healthy birds if the business was to succeed.

Large, unwieldy broods are never given the care they should be given. Sanitation demands smaller individual broods if you wish to succeed. The unit of 100 chicks has been proven to be the most satisfactory. This point should be given some thought and consideration.

We use and have used the Sanitary Hover exclusively in our baby chick department for over seven years. And in the recent shortage, we could have sold our old hovers for as high as \$25.00 apiece. We have sold thousands of Sanitary Hovers and have never heard anything but the highest praise for them. And for the first time in five years we have enough hovers to take care of the great demand.

The Sanitary Hover is endorsed by leading poultrymen such as Mr. Delano, owner of the Owen Farms, where over 10,000 chicks are raised a year. Chas. Key Cullom, Secretary of the St. Louis Poultry Association, and Editor of the National Poultry and Pet Stock Journal; Geo. C. Ziebold, owner of Whistlecote Farms and breeder of famous White Rocks; Dr. L. D. LeGear, president of L. D. LeGear Medicine Co., and breeder of White Rocks, and many others.

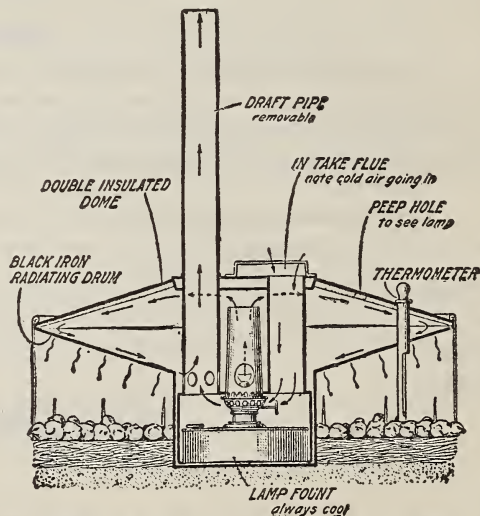
## THE SCIENCE OF BROODING CHICKS

A brooder is an artificial hen. Its purpose is to perform the duties of a mother hen toward the chicks so far as the hovering is concerned. Baby chicks spend the day running in and out under the hover to get warmth when chilly and to scratch for food. This gives them plenty of fresh air so that almost any hover will do for the day time.

But at night it is different. They hover instinctively under the brooder—just as they would under the mother hen—and trust to the brooder to bring them safely through the night. If the hover is a good one they will come out healthy and happy in the morning, and the result will be healthy, robust broods. And how they come out in the morning depends upon the brooder.

The greatest loss in the poultry business is in the raising of baby chicks and that is why you should give a great deal of attention to your brooding problems. You ought to know why the Sanitary Hover has a canvas curtain. Why it is perfectly ventilated at night and every chick is sure of plenty of fresh air during the night, why the curtain prevents all drafts from striking the chicks, and why you can depend on seeing every chick ready to face the new day.

A complete catalog of the International Sanitary Hover will be mailed you free. Write for a copy and learn the system of perfect ventilation found only in "The One Perfect Brooding Device."



Sectional View of the Sanitary Hover

The cool air flows in through the intake flue, discharging at the bottom near the lamp, which keeps the oil fount always cool and safe. This circulation is caused by the current of warm air flowing constantly up through the tall draft pipe, which current of air carries off the fumes from the lamp after the heat has served its purpose. By this arrangement the heat is made to radiate in all directions from the top and sides of the lamp chimney. The black-iron radiating drum is thin and easily radiates heat; and inasmuch as the drum is higher at the edge than near the center, it gets warm first at the edge and is always warmer there than near the lamp. This feature, i. e., a higher temperature at the outer edge, is what especially pleases the practical poultry raiser, as it prevents crowding.

**REMEMBER WE PAY THE FREIGHT ON INCUBATORS AND BROODERS**

**WRITE FOR BABY CHICK PRICE LIST**

# WHAT MAKES IT PERFECT?

## Advantages Possessed by the Sanitary Hoover Over All Other Brooding Devices

**ADAPTABILITY**—The Sanitary Hoover can be used anywhere that there is protection for the chicks from wind and rain. It has made the expensive brooder house a thing of the past.

**WARMEST AT THE CURTAIN**—The Sanitary Hoover 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 the chicks.

**VENTILATION**—The Sanitary Hoover is the only perfectly ventilated brooding device. It supplies plenty of fresh air for all the chicks, with no drafts. The diffusive principle of the Sanitary Hoover is identical with the diffusive actions of the feathers of the mother hen.

**NO CARPENTER WORK**—The Sanitary Hoover can be carried around with ease and is ready for use wherever it may be set. No carpenter work is required to set it up. No cutting of holes nor building of platforms or boxes. To set it up, just set it down.

**NO KNEELING**—There need be no kneeling in the dirt to handle or operate the Sanitary Hoover. The lamp holder can be lifted out by a person standing up, and without disturbing the chicks.

**EVEN TEMPERATURE**—Owing to the scientific principles followed in the construction of the Sanitary Hoover, and to its perfect ventilation system, there is no difficulty about maintaining an even temperature and steady heat.

**RADIANT HEAT**—The heat radiates downward upon the backs of the chicks. It does not heat the floor to cause leg weakness.

**NO CORNERS**—Entirely circular, there is no crowding of chicks in corners, which means death to the weaker ones. Corners in brooders have killed millions of chicks.

**FIREPROOF**—The Sanitary Hoover is metal throughout and is therefore fireproof. The lamp is enclosed by metal all around.

**MORE SPACE**—The Sanitary Hoover provides nearly 200 square inches more hovering space than other hovers patterned after it.

**VERMIN PROOF**—Unlike the wooden hover, it does not absorb dirt and hold it. The curtain is removable and can be washed.

**THE CURTAIN**—The Sanitary Hoover is the only hover with a canvas curtain. Felt and other material are picked off by the chicks, and have caused big losses.

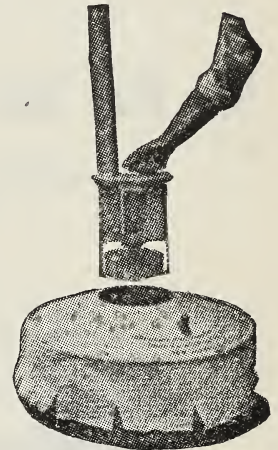
**NO SOLDER**—No solder whatever is used in the Sanitary Hoover. It is riveted and double seamed throughout. Only the best material is used in constructing the "Perfect Brooding Device."

**DURABLE**—The Sanitary Hoover cannot be burned nor broken and will not warp and fall apart. There is no wear to them and with ordinary care will last for years.

**PORTABLE**—You can pick up the Sanitary Hoover and carry it easily from place to place. Weighs about 18 pounds and can be set on the lawn on nice days. It is at home wherever you set it.

**IT RAISES THE CHICKS**—What good are all the other features unless the hover does this, and this is why there are so many in use today. It has the highest percentage for broods raised to maturity. It is more than a mother to your chicks.

No. 1—100 chicks, 28-inch diameter. Price, complete.....\$15.00



WE PAY THE FREIGHT ON INCUBATORS AND BROODERS

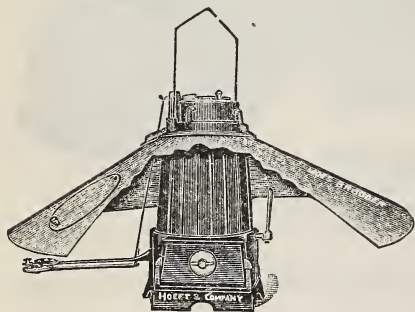
**EIGHTEEN KARAT FISH FOOD IS THE BEST FOOD FOR GOLD FISH**

# Moe's Colony Brooder

A Thoroughly Reliable, Highly  
Efficient and Practical Brooder

We Pay the Freight on Incubators and Brooders

If You Buy an Incubator and a Brooder at the Same Time  
We Will Allow You a Discount of 5%



**M**OE'S Colony brooder is simple in construction with no complicated or unnecessary parts.

It is self regulating and requires very little attention. It will burn nearly any kind of fuel. Hard coal, chestnut size is best as it burns slowly with an even heat but soft coal or coke can be used successfully.

The Stove has a large deep fire pot. It is filled from the top and takes 4 inch smoke pipe.

The Fire Bowl is wider at the base than at the top, allowing the fuel to feed freely to the grate, without danger of clogging.

The Grate is two sections rocker type, center dump, making it easy to keep a clean, bright fire at all times.

**Automatic Control**—The fire is automatically regulated by twin thermostats which open and close the check draft on top of stove. Easily adjusted to any desired degree of heat, and after adjustment at the beginning of the season needs no further attention.

Moe's colony brooder is a new and improved design of brooder stove. It is made of highest quality iron castings that will wear and last indefinitely.

Moe's stove provides a constant, correct heat, and a constant distribution that makes the chicks develop into strong healthy fowls.

Remember we pay the freight.

| No. | Diameter<br>of Hover | Capacity<br>Chicks | Height<br>of Stove | Shipping<br>Weight | Price<br>Complete |
|-----|----------------------|--------------------|--------------------|--------------------|-------------------|
| 112 | 42 in.               | 500                | 18 in.             | 80 lbs.            | \$21.50           |
| 113 | 52 in.               | 1000               | 22 in.             | 95 lbs.            | 26.50             |

Moe's coal burning brooders take a 4 inch pipe.

**WRITE FOR BABY CHICK PRICE LIST**

# MOE'S SQUARE BROOD COOPS

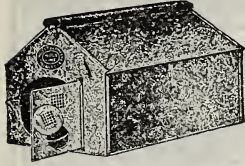
Made of heavy, best quality—galvanized iron. The bottom is removable so the coop can be easily cleaned and kept in a sanitary condition.

Provides a perfect shelter for both the hen and chicks.  
Has a combination door which can be adjusted.

1—To keep the hen in and permit the chick their liberty.

2—To keep both hen and brood in, with perfect protection against weather, rats, cats and other animals, and yet allow ample ventilation.

3—To give both hen and chicks their liberty.



Made collapsible to save freight and space. Quickly set up.

Size 16 inches wide, 23 inches long, 16 inches high.

Packed 3 in a crate. Shipping weight 33 lbs.

No. 49—Price each, \$2.50 Per dozen ..... \$30.00

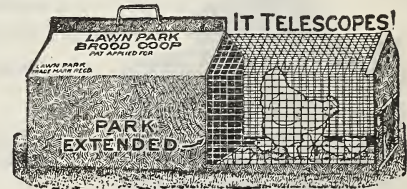
## LAWN PARK EXTENSION COOP

This coop is a combination closed and open air coop. When the coop is extended it forms an open air coop. It keeps the hen and her brood together. The wire extension has no bottom. This allows the hen and little chicks to scratch and pick on the ground. It can be moved from place to place to give the brood a new place for scratching which they enjoy very much and makes them thrifty and prosperous. When the brood is confined in this coop it keeps the other fowls away from them and they are undisturbed. The bottom has a flange on each side extending upward so the little chicks cannot get their feet caught. When the extension is drawn out or pushed in the wire extension has three doors, the same as the Moe's coop, which can be used either when coop is extended or closed. When desired, close the coop by pushing in the extension

They come nested one over the other and are packed one-half dozen in a wood crate and weigh about 188 pounds to the crate.

Size of coop extended, 46 inches by 20 inches and 18 inches high. When closed 24x20x18 inches.

each, \$4.00.



## THE COLLINS SPROUTER

The Collins Sprouter is made in units, eight individual pans of high-class, thoroughly galvanized steel—one pan for each day of the week, and a drip pan at the bottom.

These pans are 11x15 inches, and one fits ingeniously on top of the other, doing away entirely with a frame or stand, and cutting out that expense for metal and labor.

The seven pans are properly perforated so as to furnish the exact amount of drainage to insure the sprouting of practically every fertile oat, and to eliminate souring and rotting.

Another advantage in having no stand is that, after the season, the sprouter can be disassembled, stored away in such small place that it will not be constantly in the way, to be jammed around, bent or broken.

Made in three sizes:

5 pans 11 x 15 ..... \$3.00  
8 pans 11 x 15 ..... 4.00  
8 pans 11 x 32 ..... 8.00

Shipping Weight ..... 9 lbs.  
Shipping Weight ..... 14 lbs.  
Shipping Weight ..... 28 lbs.



Collins Oats Sprouter

By mail, add Postage.

## MOE'S OAT SPROUTER

Made entirely of metal. Strong and rigid.

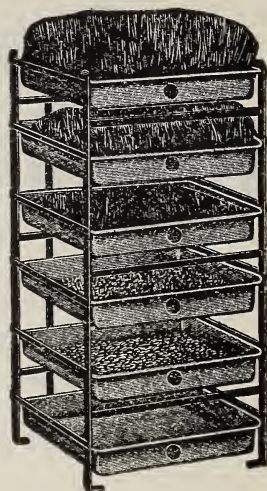
Provides the very necessary green feed at all seasons. Healthy chickens and more eggs.

The frame is of steel, well braced and neatly painted. Has six heavy galvanized iron pans. Five of the pans have perforated bottoms to secure the proper drainage, and the bottom pan is solid to hold the drippings. Pans are interchangeable. Sectional frame can be quickly taken apart and stored in a small space.

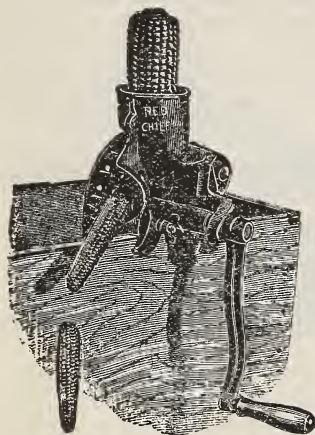
Total height of frame 3 feet. Size of pans 16 inches by 18 inches.

Packed knocked down 1 in a crate. Shipping weight 30 lbs.

No. 110. Moe's Oat Sprouter. Each .....\$6.00



## RED CHIEF CORN SHELLER



Corn Sheller

This Hand Corn Sheller has protected oval teeth shelling the corn without cracking the grains and is recommended for shelling seed corn. It shells clean, but removes very little of the chaff. It clamps on any box, barrel or tub, and can be used anywhere. The hopper is closed, thus eliminating pinching your hands and it throws the cob outside every time. It requires no wrench to take apart and the tension is on the cob and not on the hopper as on many shellers. The "Red Chief" Corn Sheller stands without equal.

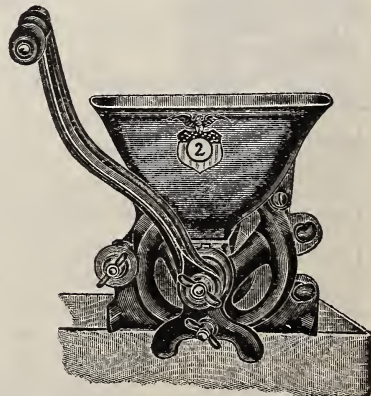
Hand Sheller .....\$3.00

## RED CHIEF GRINDING MILLS

The "Red Chief" Grinding Mills are the ideal mills for cracking grain of any kind for poultry. They combine all the elements of rapid work, perfect grinding and require little power. These mills can be easily taken apart without any wrench and the same is true of all adjustments. All burrs and crushers are patented.

We carry the "Red Chief" mills in the following sizes:

- No. 1—For the small poultry raiser .....\$ 5.00
- No. 5—Clamps to box or barrel; has white enameled hopper and feed gauge for grinding. Heavy balance wheel ..... 8.50
- No. 10—White enameled hopper, feed gauge and heavy balance wheel; extension crank ..... 10.50
- No. 15—An ideal mill for engine or electric motor, one-horse power or more. Will grind 5 to 8 bushels per hour ..... 17.00
- No. 20—An excellent mill for hand or mill power. Will grind 10 to 12 bushels per hour ..... 22.50



Grinding Mill—Hand.

# POULTRY WATER FOUNTAINS

## MOE'S TOP-FILL FOUNTAIN

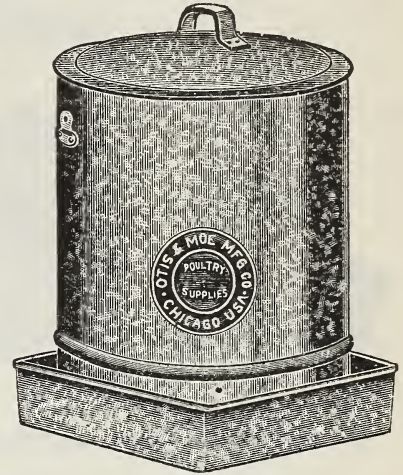
Fill in the morning and your chickens have an all day's supply of pure water at just the right temperature.

The double wall keeps water cool in summer and retards freezing in winter. No valves to get out of order. Thoroughly sanitary and as easily cleaned as an ordinary pail. Does away with slopping over when being filled. Can be hung up out of the litter and the square pan prevents spilling at that time. The square pan also affords drinking facilities for two pens at the same time.

Fills from top. The most popular fountain on the market.

- No. 1. 1-gallon capacity, shipping weight 4 lbs., each ..... \$1.75
- No. 2. 2-gallon capacity, shipping weight 5 lbs., each ..... 2.50
- No. 4. 4-gallon capacity, shipping weight 9 lbs., each ..... 3.25

If wanted by mail, add Postage.

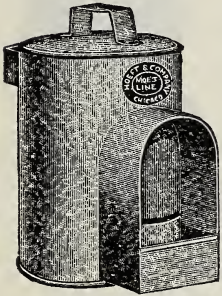


## MOE'S IMPROVED WALL FOUNTAINS

Made of heavy galvanized iron, in three sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

- No. 97. 2-quart capacity, shipping weight 3 lbs., each ..... \$0.90
- No. 98. 1-gallon capacity, shipping weight 4 lbs., each ..... 1.10
- No. 99. 2-gallon capacity, shipping weight 5 lbs., each ..... 1.40

If wanted by mail, add postage.



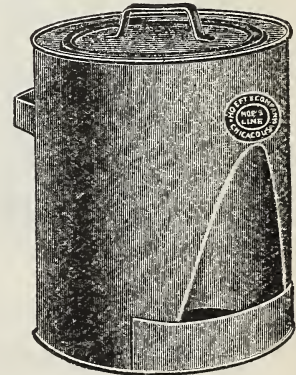
## MOE'S WALL FOUNTAINS

A large capacity fountain, made of heavy galvanized iron.

This style appeals to many breeders, as it is a strong, substantial wall fountain at a low price. Excellently adapted for watering pigeons. Easily filled and nothing to get out of order. Capacity 5 gallons.

- No. 74. Shipping weight 6 lbs. Each ..... \$1.95

By mail, add Postage.



## MOE'S WALL FOUNTAINS

A practical and convenient style of fountain, made of heavy galvanized iron. Can be hung on the wall, up out of the litter.

A very popular style with many breeders.

Made with a removable bottom, so that all parts may be easily cleaned and kept in a sanitary condition. Capacity about one gallon.

- No. 26A—Shipping weight, 2 lbs.....\$0.75

By mail, add Postage.



# POULTRY DRINKING FOUNTAINS

## MOE'S BOTTOM FILL FOUNTAINS



This fountain fills the breeder's requirements for a good, inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. The cone-shaped top prevents chickens from roosting thereon. Made of best quality galvanized in three popular sizes.

|                   | Price  | Shipping Weight. |
|-------------------|--------|------------------|
| No. 19—1 qt.....  | \$0.35 | 1 lb.            |
| No. 20—2 qt.....  | .45    | 2 lbs.           |
| No. 24—1 gal..... | .60    | 3 lbs.           |

By mail, add Postage.

## MOE'S DROP BOTTOM WALL FOUNTAINS

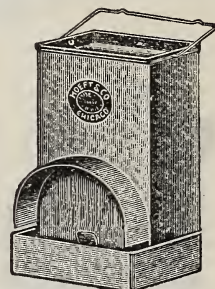
A practical, durable fountain. Easy to fill and easy to clean. Made of best quality galvanized iron. May be hung on the wall out of the litter and dirt.

Suitable for chicks, fowls or pigeons. Fitted with wire handles, so that two or more fountains, back to back, can be carried in one hand.

Made in three sizes.

| No. | Capacity  | Shipping Weight | Each   |
|-----|-----------|-----------------|--------|
| 40  | 2 Quarts  | 2 Lbs.          | \$0.95 |
| 41  | 1 Gallon  | 3 Lbs.          | 1.10   |
| 42  | 2 Gallons | 4 Lbs.          | 1.40   |

By mail, add Postage.



Sanitary Drinking Fountain.

## SANITARY EARTHEN FOUNTAIN

Constructed of white stoneware, in two parts, so that it can be easily filled and cleaned. It is the best fountain for use in administering medicine in water to your poultry.

These fountains keep the water fresh and cool in the hot weather and are endorsed by many successful poultrymen.

Nothing to wear out on these founts, and for use during these hot summer months they are unsurpassed. The different sizes will do for baby chicks, grown fowls or pigeons. Cannot be mailed.

Sanitary earthen founts are made in the following sizes.

### SIZES AND PRICES

|               |             |             |                |             |             |
|---------------|-------------|-------------|----------------|-------------|-------------|
| 1 quart.....  | Each \$0.25 | Doz. \$2.75 | 1 gallon.....  | Each \$0.80 | Doz. \$9.25 |
| 2 quarts..... | Each .50    | Doz. 5.75   | 2 gallons..... | Each 1.00   | Doz. 11.00  |

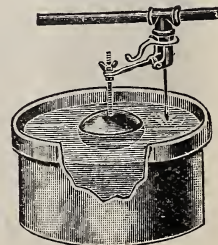
Half-Dozen NOT sold at the dozen price. Cannot be sent by mail.

## MOE'S AUTOMATIC POULTRY FOUNTAIN

An Automatic valve and float to regulate the flow of water to a drinking dish. Brass valve, positive in action and will not rust or clog up. Can be attached to a barrel or tank or to an iron water pipe. Threaded for 1/4 in. iron pipe.

|          |                                       |        |             |
|----------|---------------------------------------|--------|-------------|
| No. 30.  | Valve and float only.....             | 1 lb.  | Each \$0.90 |
| No. 31.  | Water pan only. Diam. 9 in.....       | 2 lbs. | Each .40    |
| No. 31A. | Valve and pan complete, as shown..... | 3 lbs. | Each 1.25   |

By mail, add Postage.



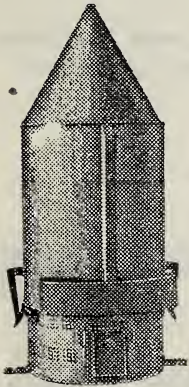


# WINTER POULTRY DRINKING FOUNTAINS

How to supply water to the poultry house during the winter months has been one of the problems which has confronted the poultryman for years, for there is nothing more important than a supply of water, and perhaps nothing more discouraging than to fill the drinking vessels with all the attending discomfort carrying of water in cold weather, and then have the fountains freeze almost before the task is finished.

Under these conditions it has been the experience of many poultrymen that their birds have been without water for most of the day, with a consequent serious loss in the matter of egg production. In fact, it has been proved conclusively in the research work of the Missouri State Board of Poultry Culture that since the egg is 74 per cent water, water is actually worth as much in dollars and cents in the production of eggs as grain, and their tests have shown that without a constant supply of water before the birds the egg production is curtailed more than 50 per cent. We can absolutely recommend any of the following winter fountains as being satisfactory. They will pay for themselves over and over again.

## THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN



The construction of the Fountain is such that it is impossible for the birds to pollute or contaminate the water supply, as the water is consumed it is automatically replenished. Held in vacuum, the water supply is always fresh.

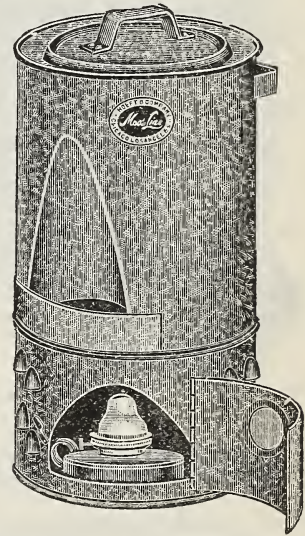
Fitted with heater base. These Fountains have stood a temperature as low as 60 degrees below zero in Alaska without freezing.

The Burner Base holds three pints, sufficient kerosene to operate the Heater a week with one filling, burning constantly day and night.

Made in one size only, 5 gallons capacity. Shipping weight, 17 lbs.

|                                 |        |
|---------------------------------|--------|
| Complete with Burner Base ..... | \$6.00 |
| Without Burner Base 9 lbs.....  | 3.50   |
| Base only 8 lbs.....            | 3.50   |

By mail, add Postage.



## MOE'S WINTER FOUNTAIN

A simple and reliable fountain with heater. Made of heavy galvanized iron, easily filled, with nothing about it to get out of order.

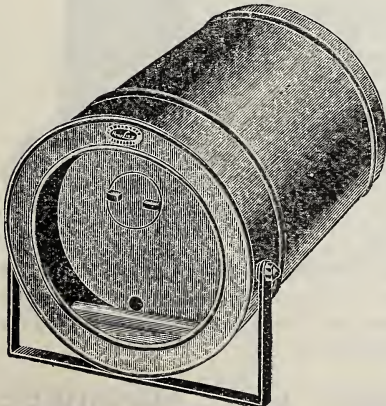
The fountain has a capacity of 5 gallons, and the lamp holds sufficient kerosene to burn continuously for one week.

The fountain can be removed from the heater and used independently when desired.

Packed one in a box. Shipping weight, 11 lbs., complete. Heater can be used under any fountain.

|   |        |
|---|--------|
| No. 75—Winter Fountain. Each .....      | \$3.85 |
| Heater only, shipping weight 5 lbs..... | 1.90   |

By mail, add Postage.



## MOE'S INSULATED DOUBLE WALL FOUNTAINS

Made of best quality galvanized iron, with double walls packed with an efficient insulating material.

Keeps the water warm in winter, and cool in summer. Has a large filler opening so it can be easily cleaned, which is a very important feature, and one that is lacking in most insulated wall fountains.

Easy to fill, easy to clean, and feeds the water automatically. An excellent winter fountain, and equally good in summer to keep the water cool and fresh.

The wrought iron stand or rest is hinged, and acts as a handle to carry the fountain.

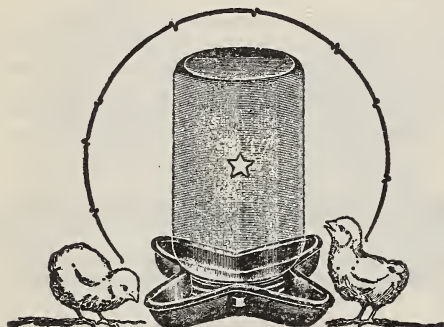
Plenty of fresh water at the right temperature, in zero or torrid weather will keep your birds healthy and increase the egg yield.

|   |        |
|---|--------|
| Shipping weight, 16 lbs. Capacity, 3 gallon. Packed one in a box. |        |
| No. 8—Moe's Insulated Wall Fountain. Each .....                   | \$4.00 |

By mail, add postage.

# BABY CHICK WATER FOUNTAINS

## MOE'S STAR FOUNTAIN AND FEEDER



The latest improved type of Mason jar founts. Made of single piece of heavy non-rusting material. No seams, no solder, no loose parts, cannot leak. Provides a greater drinking surface than the round fountains. Can be used for feed as well as water. Little chicks cannot drown. Fits any mason jar. Convenient, practical, low in price and durable.

Price.....10c each, \$1.20 dozen  
Shipping weight, per dozen, 4 pounds. By mail, add postage.

We do not furnish jars.

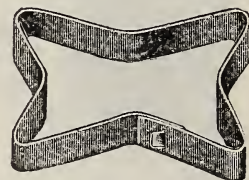
## STANDS FOR No. 32 STAR FOUNTAIN

This stand will raise the fountain up out of the litter, making it suitable for growing chicks.

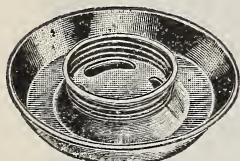
Made of galvanized iron. Height 1¾ inches.

No. 145—Stands only for No. 32 Star Fountains. Price.....\$0.05

Shipping weight per dozen, 21 lbs. By mail, add Postage.



## MASON JAR FOUNTAIN



No. 142—Mason Jar Fountain, made of tin, and is screwed on an ordinary glass jar. Diameter 6¼ inches. Shipping weight per dozen, 41 lbs. By mail, add Postage  
Price, each, 10c; dozen, \$1.20.

(Glass jars are not included.)

## MOE'S MAGAZINE CHICK FEEDER AND WATERER

A new round chick feeder with a magazine or container to hold a good quantity of feed. The upper magazine is fitted to the feeder top with a spiral thread so it can be adjusted up or down to feed the various kinds of grain. It can also be used as a drinking fountain, as the magazine is water and air tight.

Diameter of feeder, 8¼ inches. Capacity, 2 quarts. Shipping weight, 2 pounds.

No. 18—Moe's Chick Feeder.....Each \$0.65

By mail, add Postage.



While the above fountains are made for baby chicks only, we can also recommend the fountains on page 8 for the little chicks. The Moe's bottom fill fountains, Moe's drop bottom wall fountains and the sanitary crock fountains listed on page 8 have been used for years and have given excellent results. These fountains can be used for larger broods of chicks than the small quart fountains, thereby saving time and labor.

**WE PAY THE FREIGHT ON INCUBATORS AND BROODERS**

## DRY MASH FEEDERS

The necessity of feeding dry mash is becoming more and more apparent. To produce an egg you must feed a balanced ration. Since the scratch grains produce the yolks and the mash feed the whites of eggs, you can readily see that feeding scratch grain alone actually prevents a fowl from laying. This may sound strange, but it is a fact that when too many yolks are formed they are absorbed by the fowl's body and make the bird get fat instead of laying. So, if you insist on feeding your birds only one feed, be sure that you feed a mash feed instead of a scratch feed. However, to feed for eggs and a profit it is absolutely necessary to feed both feeds. You should have a good dry mash before them at all times. At first they may eat ravenously, but after a short time they will not eat any more than they need. Then is when your profits should begin to show up, providing the housing is right and the birds are free from vermin.

A good dry mash hopper is a necessity. A good dry mash hopper is preferably made of metal so that it can be easily cleaned and will not absorb odors from the meat or fish scraps. A good dry mash hopper is one that allows the feed to flow freely. You should be able to close it up at night to keep the rats and mice out of it at night. It should be so constructed that the fowls cannot waste any feed by scratching it out. It should be made so that there is no danger to the combs of the birds when eating.

We have listed only dry mash hoppers that we know will pay for themselves through an increase in eggs and saving in feed, not to say anything of the convenience and saving of time and labor to you.

### Moe's Dry Mash Hoppers

A Dry Mash Hopper of great merit, made of heavy galvanized iron. All parts accurately stamped with dies. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

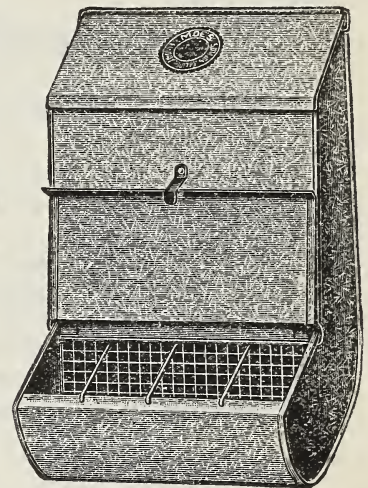
The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.

Mad in four sizes.

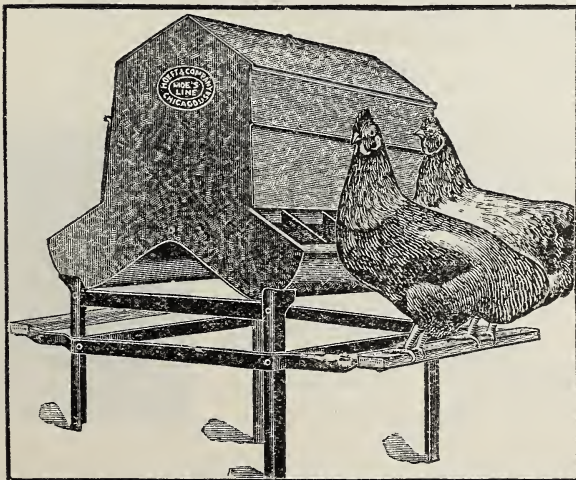
| No. | Height | Width  | Shipping Weight | Each   |
|-----|--------|--------|-----------------|--------|
| 35  | 19 in. | 8½ in. | 5 lbs.          | \$1.50 |
| 36  | 19 in. | 12 in. | 6 lbs.          | 2.00   |
| 13  | 19 in. | 18 in. | 8 lbs.          | 2.40   |
| 37  | 19 in. | 24 in. | 11 lbs.         | 2.80   |

By mail, add postage.



No. 36

### Moe's Mammoth Dry Mash Hopper



A large capacity hopper built on correct principles. Made of heavy galvanized iron, strong and substantial in every detail.

Has many excellent features; for instance, it will accommodate a full 100 lb. bag of mash, doing away with the annoyance and waste of having a partly empty bag of mash on the premises. The feed is within easy reach of the chickens, and is protected from the weather and from the ravages of rats and mice.

The taper shape and interior construction provides a uniform automatic feed, and the wire grid and cross wires prevents any waste.

The stand is of heavy iron, painted, and has wooden bars for the poultry to rest on when feeding.

Length of hopper, 35 in. Width, 21 in. Height, 18½ in. Capacity, 100 lbs.

Height of stand, 15½ in. Total height, 34½ in. Packed one in a box. Shipping weight, 40 lbs.

No. 3—Hopper and stand complete. Price, each .....\$12.00

# DRY MASH HOPPERS

## THE NORWICH AUTOMATIC DRY MASH HOPPER

The problem of automatic dry mash feeding is solved in this wonderful machine. Operated with automatic vibrator rods, clogging is impossible, while the construction of the feed basin eliminates all waste. The mash is always fresh and clean and always the same amount before the birds.

Made in one size only, 20 quarts capacity.

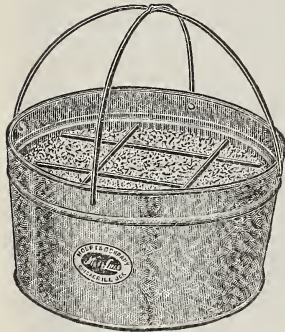
Price, Shipping weight, 8 pounds.....\$5.00

By mail, add Postage.



Norwich Dry Mash Hopper.

## MOE-S ROUND MASH HOPPER



A good, economical Dry Mash Feeder, made of heavy galvanized iron with a capacity of 8 quarts.

Can be fastened with a cord or wire to the ceiling of the poultry house and thus hung up out of the litter at any height desired.

Has a rolled in edge, and wire grid which rests on the feed and prevents the birds from wasting it. The top wire bales also prevent the chickens from getting in the hopper.

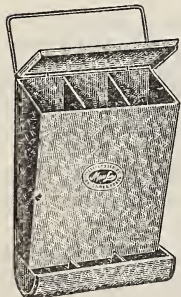
Diameter 10 in. Height 5¼ in. Capacity 8 quarts.

No. 150—Round Mash Hopper. Each.....\$0.75

By mail, add postage. Shipping weight 4 lbs.

## GRIT AND SHELL BOXES

The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy, prime condition. There is no more economical method of supplying grit, etc., than with those practical, inexpensive compartment boxes. No solder used in their construction.



No. 9 Grit and Shell Box

Can also be used as feed hoppers for little chicks.

Made of heavy galvanized iron in three sizes. The No. 45 for baby chicks has a square bottom, the other sizes have round bottoms.

| No. | Compartments | Shipping Weight | Each   |
|-----|--------------|-----------------|--------|
| 45  | Two          | 2 lbs.          | \$0.40 |
| 9   | Three        | 3 lbs.          | .90    |
| 90  | Four         | 4 lbs.          | 1.25   |

By mail, add Postage.



No. 45

FEED CONKEY FEEDS FOR THE BEST RESULTS

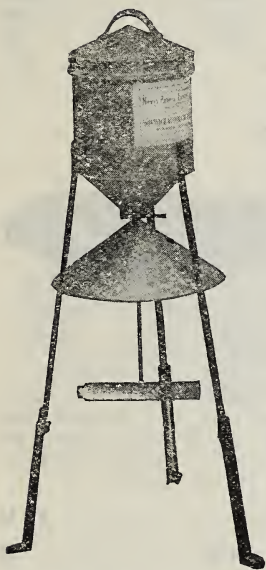
# EXERCISERS AND FEEDERS

## NORWICH FEEDERS

The Norwich Exerciser and Feeder has established itself as the standard method of feeding poultry. Thousands of the machines have been placed on the market of nearly every civilized country, and the feeder is heartily indorsed and recommended by leading and noted poultrymen of the country.

The Hopper is of sufficient size to carry a week's supply of grain for flocks of corresponding numbers, and is fitted with an adjustable valve for regulating the feed. The feeder is operated by the birds rotating the Bait Bar, the grain escaping from the Hopper down the Deflector and is scattered in a wide even circle; the birds are kept constantly in motion while feeding. A prong or tooth of the Agitating Disc instantly checks the flow of feed and in such quantities as the valve is set to discharge per revolution. One of the best offerings to the poultry raiser.

- No. 1— 8-Quart Hopper, 13 lbs. .... \$5.00
- No. 2—14-Quart Hopper, 15 lbs. .... 5.50
- No. 3—20-Quart Hopper, 20 lbs. .... 6.50



The Norwich Feeder



The Apaco Feeder

## THE APACO POULTRY FEEDER

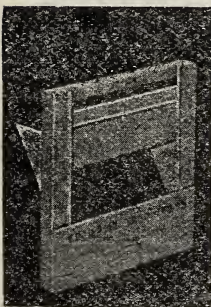
The Apaco is built on the same lines as the famous Norwich Exerciser and Feeder, but is a hanging machine instead of being on legs.

The principles of automatic feeding are too well known to require detailed description of the benefits derived—it has been proven that the saving of grain effected by the system varies from 25 to 30%, while egg production is increased to a very considerable extent, in many cases as high as 18%, while again the constant worry, care

and actual labor of feeding is reduced to simply filling the hopper once a week. Made in one size only, 9 quarts capacity. (Shipping weight 5 lbs.)

By mail, add postage..... \$2.00

## TRAP NEST FRONTS



With this front you can make the cheapest and most practical trap nest. Simply nail the front to a box. They will pay for themselves in stopping egg eaters and picking out the drones. We sell the traps only. Price, single trap (weight 3 lbs.), 50c; double trap (weight 5 lbs.), 95c; triple trap (cannot be mailed), \$1.35.

By mail, add postage.



## WALL FEED PANS

Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds. 12-inch (weight, 2 lbs.), 30c.

# BABY CHICK FEEDERS

## MOE'S SINGLE FEEDING TROUGHS



Made of best quality galvanized iron. For chicks and growing stock. Accurately stamped with dies. No rough edges, and can be hung on the wall. Sliding top.

- No. 55—Length 12 in., shipping weight 2 lbs. Each.....\$0.35
- No. 56—Length 18 in., shipping weight 3 lbs. Each..... .40
- No. 57—Length 24 in., shipping weight 4 lbs. Each..... .55

By mail, add Postage.

## MOE'S DOUBLE FEEDING TROUGHS

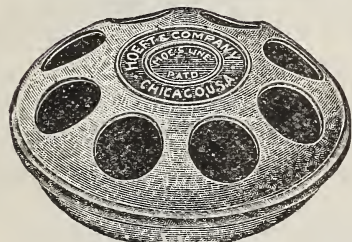
Made of best quality galvanized iron. Double trough, with sliding top, easily filled and cleaned. Accurately stamped with dies. No rough edges.

- No. 58—Length 12 in., shipping weight 2 lbs. Each.....\$0.45
- No. 59—Length 18 in., shipping weight 2 lbs. Each..... .60
- No. 60—Length 24 in., shipping weight, 3 lbs. Each..... .70

By mail, add Postage.



## MOE'S ROUND BABY CHICK FEEDERS



No. 11 Feeder

This round feeder is one of the most popular feeders on the market. Made of best quality galvanized iron, accurately stamped with dies, and well made in every detail. The top fits snugly, yet the feeder can be easily taken apart for cleaning and filling. It is a great food saver, as the chicks cannot get into the feeder and contaminate the food. The chicks cannot upset it.

- No. 11—Diameter 6 in., shipping weight 1 lb. Each.....\$0.15
- No. 12—Diameter 8 3/4 in., Shipping weight 2 lb. Each..... .25

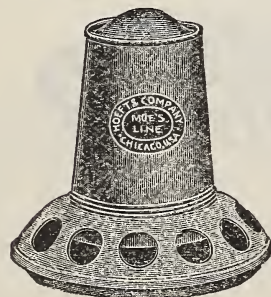
By mail, add Postage.

## STANDS FOR ROUND FEEDERS

When used with our No. 11 and 12 round feeders, makes them suitable for growing chicks. Holds the feeders at the proper height up out of the litter.

Made of galvanized iron. Height 1 3/4 in.

- No. 143—Stands only for No. 11 feeder. Price, each.....\$0.05
- Shipping weight, per dozen 2 lbs. By mail, add postage.
- No. 144—Stands only for No. 12 feeder. Price, each.....\$0.05
- Shipping weight, per dozen, 2 lbs.



## MOE'S MAGAZINE CHICK FEEDER AND WATERER

A new round chick feeder with a magazine or container to hold a good quantity of feed. The upper magazine is fitted to the feeder top with a spiral thread so it can be adjusted up or down to feed the various kinds of grain. It can also be used as a drinking fountain, as the magazine is water and air tight.

Diameter of feeder, 8 1/4 inches. Capacity, 2 quarts. Shipping weight, 2 pounds.

- No 1018—Moe's Chick Feeder.....Each \$0.65

By mail, add Postage.

## SIMPLICITY CHICK FEEDER

This Feeder sets on the ground and is a long, trough-like feeder. Top bar keeps chicks from getting into the feed. This is an excellent feeder for mash, milk, etc. Shipping weight, 2 pounds. By mail, add Postage.

- One size only, 18 inches long.....\$0.35



Simplicity Chick Feeder.

# BABY CHICK FEEDERS

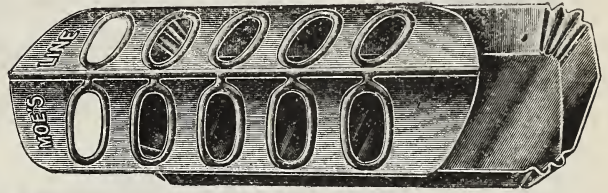
## ALUMINUM FEEDING TROUGHS

Buttermilk Feeding Troughs, made of pure aluminum, which is not affected by the acids of milk and similar feeds.

The trough and top are each stamped in one piece, no seams, rivets or solder used. Sliding Top makes it easy to clean and fill. Made in two sizes.

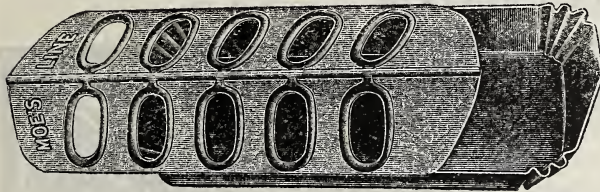
| No. | Length | Shipping Weight | Each   |
|-----|--------|-----------------|--------|
| 69  | 10 in. | 1 lb.           | \$0.50 |
| 70  | 20 in. | 1 lb.           | .90    |

By mail, add Postage.



## MOE'S ECLIPSE FEEDING TROUGHS

A new popular priced feeding trough, made of galvanized iron and intended for chicks and growing stock. The pan and top are both stamped in one piece, no seams, rivets or solder used. Sliding top makes them easy to fill and keep clean. Made in two sizes.



| No. | Length | Shipping Weight | Each   |
|-----|--------|-----------------|--------|
| .27 | 10 in. | 1 lb.           | \$0.25 |
| 28  | 20 in. | 1 lb.           | .40    |

By mail, add Postage.

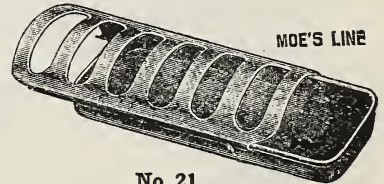
## MOE'S SANITARY FEEDING TROUGHS

For Grown Fowls or Growing Chicks.

Suitable for dry feed, wet mash, or water. For grown fowls or growing chicks. The tops slide off so the pan can be easily cleaned and filled. Made of the best quality galvanized iron, accurately stamped with dies. The edges of the slotted openings are all turned over and smoothly finished. No sharp or rough edges to injure the chicks. Made in three sizes.

| No. | Length | Shipping Weight | Each   |
|-----|--------|-----------------|--------|
| 21  | 12 in. | 2 lbs.          | \$0.40 |
| 22  | 18 in. | 3 lbs.          | .60    |
| 23  | 24 in. | 4 lbs.          | .75    |

By mail, add Postage.



No. 21

## THE NORWICH CHICK FEEDER

Without a doubt the best chick feeder ever invented. It is convex in shape, making it impossible for the chicks to pull or scatter the feed. Feed is protected by rod extending across the top of the feeder so that there is no chance of contaminating the feed.

Made in one size only—20-inch with Rain Top—3 lbs., 75c.

By mail, add Postage.



## MOE'S LARGE CAPACITY FEEDER

A wonderful feeder for young growing stock. Has a large capacity, with 16 openings on each side, so that 32 chicks can feed at one time. The birds cannot roost on the cover or sides, so it is impossible to foul the feed.

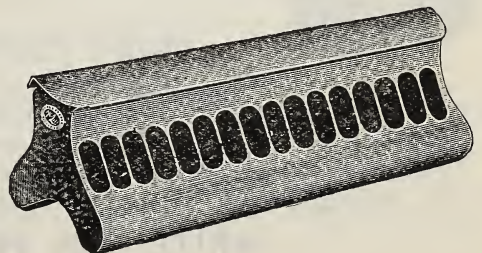
Has a sliding top cover, easy to fill and clean.

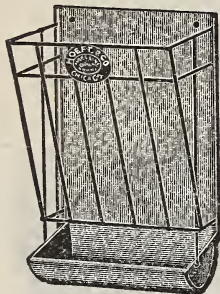
A great time and labor saver where chicks are raised in large numbers.

Made of heavy galvanized iron. Length 21 in. Width 8 1/2 in. Height 7 in. Capacity 10 quarts. Shipping weight 5 lbs.

No. 140—Chick Feeder. Each ..... \$1.25

By mail, add Postage.





## MOE'S POULTRY VEGETABLE RACK

Made of best quality galvanized iron, with galvanized wire rack. A practical device for holding roots, beets, cabbages, sprouted oats, clover, etc., and prevents scattering and wasting of food.

The round bottom trough catches the small, tender leaves, and is easily cleaned. The feed saved soon pays for the racks.

Shipping weight, 2 lbs.

No. 44—Vegetable Rack. Each.....\$0.75

By mail, add postage.

## EXHIBITION POULTRY COOPS

### BIRDS DO NOT SHOW THEIR GOOD POINTS IN A POORLY CONSTRUCTED COOP

These exhibition coops, made of the best galvanized steel wire and sheet metal electrically welded, are the most attractive and best value on the market today. They contain no clips or projecting bolts to break the feathers of the fowl. The doors are large making it easy to remove the birds or replace them.

The middle partitions are woven close, so the birds cannot fight when close together. By removing the middle partition you can combine two or more coops, as many as desired, for trios or pens. Two coops made in one are large enough for a pen of five birds.

No. 46—Single coop, 24x24x27 inches high.

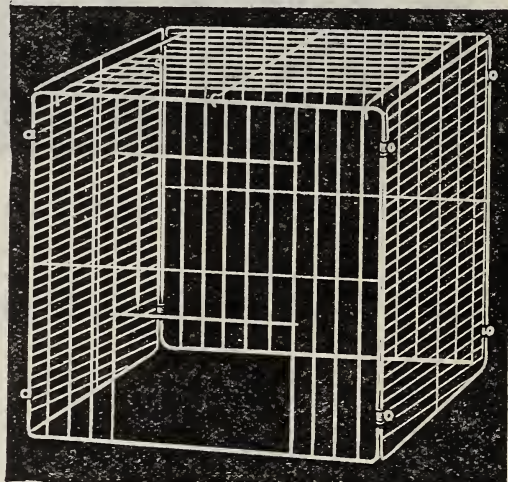
Each, \$1.75; dozen, \$20.00.

Pen 48x24x27 inches high.

Each, \$3.00; dozen, \$35.00

Exhibition coop cups, each.....\$0.15

Postpaid......20



## MOE'S PIGEON FEEDERS

Pigeons are particular and fastidious feeders with a strong tendency to scatter and waste feed. Moe's round pigeon feeder was especially designed to overcome this. Made of heavy galvanized iron, with feeding holes properly spaced all around the hopper. The hopper has a slanting bottom leading through a large tube to the feeding bottom. This feeding trough or bottom is also made on a slant causing the birds to reach for the food and prevents them from billing the feed out and wasting it.

A practical, economical feeder which will soon save its cost.

No. 105—3 qt. capacity. Shipping weight 3 lbs. Each.....\$1.00

No. 106—6 qt. capacity. Shipping weight 4 lbs. Each.....1.50

By mail, add postage.



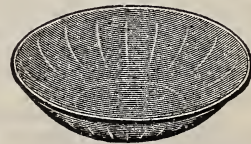
## MOE'S PIGEON NESTS

Made of galvanized iron. Diameter 8 in. with a small hole punched in center so it can be tacked to a board. Generally used in pairs.

Light in weight, yet substantial, and easily cleaned.

Packed 240 in a box. Shipping weight 12 lbs. By mail, add postage.

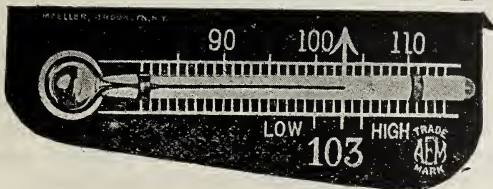
No. 107—Pigeon Nests. Each, \$0.15. Per dozen.....\$1.80



WRITE FOR PRICE OF PIGEON FEED



# THERMOMETERS AND HYGROMETERS



All Thermometers sent postpaid, purchaser's risk. The tested Incubator Thermometer is made in a triangular shape, as shown here, with heavy, black oxidized scale, so that same can be read easily, and lie on the eggs in proper angle. We cannot guarantee safe arrival of any thermometers. Sent at purchaser's risk.

Price, 75c each, postpaid.



### Hygrometer.

This instrument is designed to meet the demand of the practical poultryman for a simple, direct reading gauge which will enable him to keep the amount of moisture in his incubator as near as possible to desired point.

By noting the position of the mercury column, the operator can tell at a glance whether to increase or decrease this amount.

Price, \$1.10 each, postpaid.

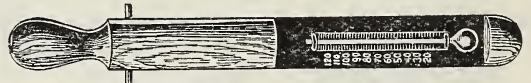
The Universal Incubator is a new pattern that can be used with perfect satisfaction in any make of incubator. It has a mercury filled tube and is triple-tested for accuracy. We recommend this thermometer above all others for incubators.

Price, \$1.00, postpaid.

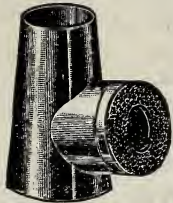


No. 403  
Universal  
Thermometer.

**Moe's Incubators hatch  
the large hatches of  
healthy chicks.**



Brooder Thermometer, 75c each, postpaid.



Handy Egg  
Tester.

This Egg Tester is designed for use on ordinary hand lamp, and fits over any style of burner with a diameter approximating that of the tester. In a dark room the light will be found strong enough to penetrate the shell and illuminate interior of egg.

Price, 40c, postpaid.



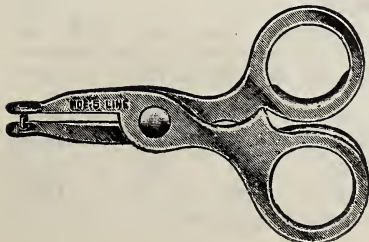
POULTRY PUNCH

## HANDY EGG TESTER

## PETTEY'S PUNCH

With this small punch you can make a small hole through the web between the toes of the chicks. In this way you can distinguish the chicks. There are sixteen different markings that can be used. The Petty's Punch will punch a clean hole without bruising the foot. Fits in the vest pocket. A practical and popular punch. Price, 25c postpaid.

## MOE'S PUNCH

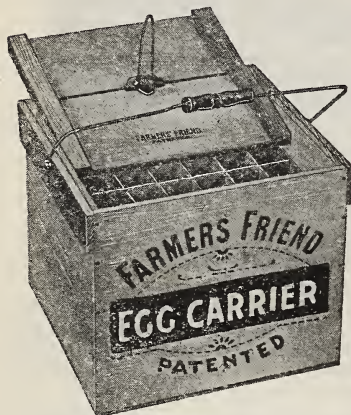


A new improved punch, scissors type. Works easily, cuts clean and does not bruise the foot. Convenient to carry in vest pocket, and the lower end is an excellent cigar cutter. Nickel plated finish. Length, 3½ inches. This punch is the best punch you can buy as it will last forever. Price, each, 50c, postpaid.

# PARCEL POST EGG CARRIERS

## Farmer's Friend Egg Carrier

Insures safety of egg transportation through the mails. A boon to poultry raisers everywhere. Light in weight Strong in construction.



Farmer's Friend Egg Carrier.

In our Farmer's Friend Egg Carrier you will find one of the most useful and convenient articles that a farmer and poultryman can have. No shipper of eggs can afford to be without these Parcel Post Egg Carriers. The demand from the city markets for fresh eggs is such that it is to the wide-awake farmer or poultryman's interest to be prepared to mail eggs as soon as laid. Parcel postage is cheap, hence big returns await the egg shipper.

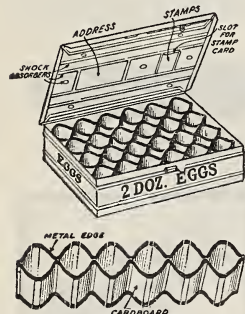
The farmer's Friend Egg Carrier is made with patent lid fastener and equipped with handle as shown in cut.

The Farmer's Friend is the only farmer's egg carrier having solid sides, which protects eggs and fillers from weather.

| Capacity | Weights                      | Each   |
|----------|------------------------------|--------|
| 6 doz.   | 5 lbs., postage extra .....  | \$1.00 |
| 9 doz.   | 6½ lbs., postage extra ..... | 1.10   |
| 12 doz.  | 8 lbs., postage extra .....  | 1.20   |
| 15 doz.  | 9 lbs., postage extra .....  | 1.30   |

## Metal Egg Carriers

These carriers assure safe delivery of eggs no matter how far they are sent. Being made entirely of metal, they are very durable and will last for years with a little care. Yet they are light and compact and cost very little more to send by mail than the other cases. They are far more economical in the long run than the other styles of cases.



| Sizes              | Price, Each | Postpaid |
|--------------------|-------------|----------|
| 1½ doz. eggs ..... | \$1.25      | \$1.32   |
| 2 doz. eggs .....  | 1.50        | 1.57     |
| 3 doz. eggs .....  | 1.75        | 1.83     |
| 4 doz. eggs .....  | 2.00        | 2.09     |
| 6 doz. eggs .....  | 2.50        | 2.60     |

Postpaid prices are figured for first and second zone only.

## The International "Perfecto" Egg Box

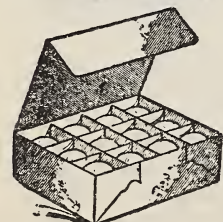
A better box that carries eggs safely and stands trip after trip. It is made of extra heavy fibre board, wire stitched at the corners and reinforced by a metal band all around. It is fastened by a key ring clip on the metal band. No strings, no glue, no tape to mess around with. Will outlast any metal or board box. Strong, safe, lasting, low-priced.

|   |        |
|---|--------|
| 2 doz. eggs, shipping weight 2 lbs..... | \$0.40 |
| 3 doz. eggs, shipping weight 3 lbs..... | .50    |
| 4 doz. eggs, shipping weight 3 lbs..... | .65    |
| 6 doz. eggs, shipping weight 4 lbs..... | .85    |



### "HANDY" EGG CARRIER.

These boxes are made of heavy Cardboard and hold one dozen eggs. They are especially adapted to carrying eggs to customers and the 2x6 size also fit in the Farmer's Friend Egg Carriers. If you sell eggs to regular customers these boxes will prove very satisfactory.



Handy

|                         |        |        |        |        |        |         |
|-------------------------|--------|--------|--------|--------|--------|---------|
|                         | 10     | 25     | 50     | 100    | 500    | 1000    |
| 2 x 6 .....             | \$0.20 | \$0.40 | \$0.75 | \$1.45 | \$7.25 | \$14.00 |
| 3 x 4 .....             | .15    | .35    | .60    | 1.10   | 5.25   | 10.00   |
| 2 x 6 Continental ..... | .20    | .40    | .75    | 1.45   | 7.25   | 14.00   |

Shipping weight 12 lbs. per 100. By mail, add postage.

# MOE'S REGAL EGG CARRIERS

## FOR HATCHING EGGS

This "Safety First" box is adapted to either Parcel Post or Express use and can be used time after time. We stand right behind this box and believe it to be the safest and most durable egg carrier on the market. It is so strong that it will more than bear your own weight, and so safe that when filled with eggs, it will withstand the severest jolt without breaking an egg. Eggs have been shipped in this box and taken from a train going at 50 miles an hour by the Hupp Automatic Mail Exchange and then placed in an incubator, which resulted in a 75 per cent hatch. We have many testimonials from breeders who will use no other box for shipping fancy eggs. Manufactured of strong corrugated fibre board in four sizes:

| No. | Capacity | Shipping Weight | Each   | Dozen   |
|-----|----------|-----------------|--------|---------|
| 14  | 15 Eggs  | 2 lbs.          | \$0.25 | \$ 2.40 |
| 15  | 30 Eggs  | 3 lbs.          | .45    | 4.80    |
| 16  | 50 Eggs  | 5 lbs.          | .75    | 8.40    |
| 17  | 100 Eggs | 8 lbs.          | 1.35   | 15.00   |

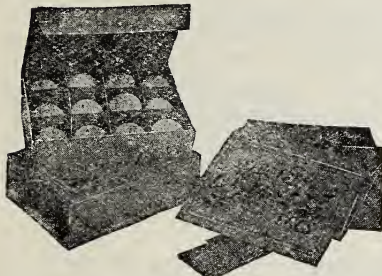
By mail, add Postage.

### "HANDY" EGG CARRIER.

These boxes are made of heavy Cardboard and hold one dozen eggs. They are especially adapted to carrying eggs to customers and the 2x6 size also fit in the Farmer's Friend Egg Carriers. If you sell eggs to regular customers these boxes will prove very satisfactory.

|                         | 10     | 25     | 50     | 100    | 500    | 1000    |
|-------------------------|--------|--------|--------|--------|--------|---------|
| 2 x 6 .....             | \$0.20 | \$0.40 | \$0.75 | \$1.45 | \$7.25 | \$14.00 |
| 3 x 4 .....             | .15    | .35    | .60    | 1.10   | 5.25   | 10.00   |
| 2 x 6 Continental ..... | .20    | .40    | .75    | 1.45   | 7.25   | 14.00   |

Shipping weight 12 lbs. per 100. By mail, add postage.



Handy

## LEG BANDS

### MOE'S ALUMINUM LEG BANDS

Made of sheet aluminum, with large raised numbers, easy to read from a distance. Adjustable for any size fowl. Accurately made and quickly applied. Packed in paper cartons of 12, 25, 50 and 100 bands each. Numbered from one up.

#### No. 130—Adjustable Aluminum Leg Bands

|                |        |                  |        |
|----------------|--------|------------------|--------|
| 12 bands ..... | \$0.15 | 100 bands .....  | \$0.75 |
| 25 bands ..... | .25    | 500 bands .....  | 3.50   |
| 50 bands ..... | .40    | 1000 bands ..... | 6.00   |



**Spirol Leg Bands.** Mark your hens and pullets differently. Know what you are doing. Spirol bands are made of seasoned celluloid. Last a lifetime. Slip on like a key ring. Birds cannot lose them. Light as a feather. Will not fade. Colors: Black, white, dark blue, pink, light blue, red, green, yellow, purple.

|                      | 12     | 25     | 50     | 100    |
|----------------------|--------|--------|--------|--------|
| Baby chicks .....    | \$0.10 | \$0.20 | \$0.35 | \$0.60 |
| Pigeons .....        | .10    | .20    | .40    | .65    |
| Mediterranean .....  | .15    | .25    | .40    | .75    |
| American .....       | .15    | .25    | .45    | .85    |
| Asiatics .....       | .20    | .35    | .65    | 1.20   |
| Geese, Turkeys ..... | .25    | .40    | .70    | 1.35   |

### COLORED LEADER BANDS

Light in weight, but of sturdy design and construction. Fits any size fowl from bantam to cochin. A continuous line of color around the band makes it easy to distinguish a bird, so far as brood or pen is concerned, at a glance. This popular band is furnished in six colors: Red, blue, green, yellow, pink and white. Large permanent numbers and fast colors. 25 for 50c; 50 for 85c; 100 for \$1.50, postpaid.



## MOE'S SCRAPER AND CLEANER

Made of heavy galvanized iron, and is just the thing for cleaning out brood coops, nests and dropping boards. It gets into the corners, which are often overlooked. Length, 10 inches. Shipping weight, 1 pound. By mail, add postage.

No. 47—Scraper and Cleaner.....Each \$0.20



## MOE'S HANDLED SCRAPER



Made of hard, stiff sheet steel. Light in weight, yet strong and durable. The toothed or rake edge is excellent for cleaning sand or sifted ashes on drop boards. Length of blade 9½ inches. Width 4 inches. With 30 inch hardwood handle securely riveted to the blade. Shipping weight 2 pounds

No. 51—Handled Scraper.....Each \$0.50

By mail, add postage.

## MOE'S LICE REPELLING WHITE NEST EGGS

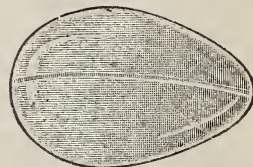
A white, sanitary, lice repelling nest egg of superior quality and appearance. They are unsurpassed as a disinfectant in the poultry house and aid greatly in keeping the nest and the hen free from vermin.

Closely imitate a real egg in appearance, and contain a powerful disinfectant. Some breeders recommend placing one in a corner of each nest under the straw.

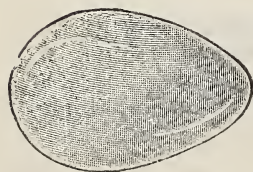
Soon pay for themselves in increased yield.

Shipping weight, per dozen, 3 pounds. By mail, add postage.

No. 66—Moe's Lice Repelling Nest Eggs. Per dozen.....\$0.60



## MOE'S CHINA NEST EGGS



Made of white porcelain, natural in appearance, and uniform in size. Will not easily break.

They induce the hen to lay where she should—in the nests provided for her.

Shipping weight per dozen 2 pounds. By mail, add postage.

No. 67—Moe's China Nest Eggs. Per dozen.....\$0.35



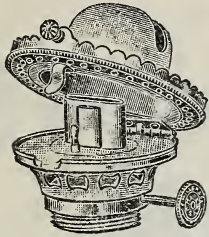
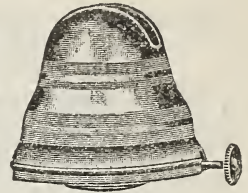
Disinfects and Paints at the Same Time,  
Saving Labor, Money and Time

A white paint in powder form combined with a disinfectant many times stronger than Carbolic acid. Carbola is non-poisonous and non-caustic. It is applied with a brush or sprayer and dries pure white. Does not flake or peel off. Carbola kills both germs and vermin. Clean up your poultry house this fall and paint the walls, roosts and nest boxes with Carbola. Price: Trial Pkg., 25 oz., 30c; 5 lbs., 75c; 10 lbs., \$1.25; 50 lbs., \$5.00. By mail, add postage. One pound of Carbola makes 1 gallon disinfecting whitewash and will cover 200 square feet.

**"SUN" HINGED LAMP BURNERS**

Used extensively by Incubator and Brooder manufacturers. So designed that perfect combustion is insured. Easily cleaned and trimmed.

|                              |        |
|------------------------------|--------|
|                              | Each   |
| No. 1.....                   | \$0.35 |
| No. 2.....                   | .45    |
| No. 3.....                   | .75    |
| No. 2—For No. 3 chimney..... | .60    |
| No. 3—Double wick.....       | 1.25   |



**"ZENITH" LAMP BURNERS**

A "No-Chimney" Burner for Incubators, Brooders, Fountain Heaters, etc. Perfect combustion without a chimney. When used with our lamp fount the No. 1 burner is suitable for a lamp box 7 inches high, and the No. 2 burner for a lamp box 9 inches high.

|            |        |            |        |
|------------|--------|------------|--------|
| No. 1..... | \$0.50 | No. 2..... | \$0.65 |
|------------|--------|------------|--------|

**MOE'S HIGH GRADE RED FELT LAMP WICKS**

A good wick is very important, especially when it is in continuous use as on a brooder or incubator lamp. Our wicks are special high grade red felt, and a big improvement over the old style loosely woven cotton wicks, which often get clogged in the burner shaft. No loose threads to burn uneven and smoke.

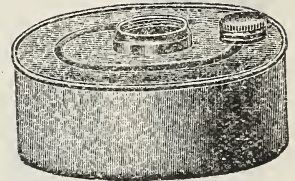


| No. | Width     | For Burner | Per Dozen |
|-----|-----------|------------|-----------|
| 208 | 5/8 in.   | No. 1      | \$0.25    |
| 209 | 3/4 in.   | No. 2      | .45       |
| 210 | 1 1/8 in. | No. 3      | .55       |

**MOE'S LAMP BOWLS**

Heavy galvanized iron bowls or founts for incubators, Brooders and Fountain Heaters. Made in three sizes. The two larger ones are strongly braced and reinforced on the inside, making the top and bottom perfectly rigid. No give or spring to the top which is a common fault with ordinary bowls.

- No. 100—Lamp Bowl. Diameter, 6 in. Height, 1 1/2 in. Has a side handle. Takes size 1 burner. This is the same bowl as used in our No. 10 Fountain Heater. Shipping weight, 2 lbs. Price, each.....\$0.50
- No. 101—Lamp Bowl. Diameter, 6 1/4 in. Height, 2 1/4 in. Takes size 2 burner and size 2 chimney. Shipping weight, 2 lbs. Price, each..\$0.60
- No. 102—Lamp Bowl. Diameter, 8 in. Height, 2 3/4 in. Takes size 3 Burner and size 3 chimney. Shipping weight, 2 lbs. Price, each..\$0.75



**METAL CHIMNEYS**

For Incubators and Brooders. Made of galvanized sheet steel, with round mica window. The mica can be easily replaced if it should accidentally be broken. In three sizes.

- No. 108—Metal Chimney. Height, 6 in. Fits size 1 burner. Price, each.....\$0.30
- No. 103—Metal Chimney. Height, 6 in. Fits size 2 burner. Price, each......30
- No. 104—Metal Chimney. Height, 6 in. Fits size 3 burner. Price, each......30

**REDUCING COLLARS**

Made of brass to reduce size of burner on oil fount.

| No. | Reduce Burner From Size | Each   |
|-----|-------------------------|--------|
| 204 | 2 to 1                  | \$0.10 |
| 205 | 3 to 2                  | .15    |

**E&PANDING SCREWS**

Made of brass to increase size of burner on oil fount.

| No. | Increase Burner From Size | Each   |
|-----|---------------------------|--------|
| 206 | 1 to 2                    | \$0.19 |
| 207 | 2 to 3                    | .15    |



**SMOKE PIPE FOR BROODER STOVES**

- No. 114—Smoke Pipe. Black sheet iron, in 2 ft. lengths. Price per length Diameter 3 in. . \$0.18  
Diameter 4 in. . .20

**CORRUGATED ELBOWS**

- No. 115—Corrugated Elbows. Diameter 3 in. Black. Price, each.....\$0.15  
Diameter 4 in. Black. Price, each......17

**CHIMNEY COLLARS**

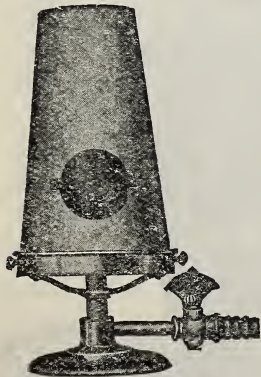
- No. 117—Chimney Collars. Size 6x3 in. Price, each.....\$0.10  
Size 6x4 in. Price, each......10

**GAS HEATER**

Our Gas Heaters are especially designed for the heating of incubators and brooders, and a gas burner designed for heating purposes can be operated at a much lower cost than a burner that is designed for lighting. These are blue-flame burners—the kind that turn every atom of gas into heat and don't waste any on light—a burner that can be operated at half the cost of an ordinary gas burner.

Our Gas Heaters are adapted to the use of natural or artificial gas.

Price, \$2.00; postpaid, \$2.10.



Gas Heater, Complete.

# SPRAYERS THAT SPRAY

## SPRAY YOUR ORCHARD AND SAVE YOUR FRUIT

THE many advantages due to proper spraying are so numerous that they cannot be told here. Everybody knows that in the garden, the orchard and the poultry house, spraying returns a profit that far exceeds any on so small an investment and short time necessary to spray. Bigger crops and better fruit are one of the few results, and by producing such crops you can expect to make your orchard pay.

We can supply you with any kind of a sprayer from the small tin atomizer to the large power sprayer. Let us know your needs in the sprayer line and we are sure that we can supply you with what you need.

### COMPRESSED AIR SPRAYERS

**BROWN'S AUTO SPRAY** consists of a solution tank, holding about 4 gallons. The tank is made of galvanized steel or heavy brass. A brass air pump is located inside the solution tank, protected from injury and is provided with our cam-locking device which closes the filler opening air tight with a half-turn of the wrist. The entire machine is made without screws or bolts and no tools of any kind are required to take it apart.

**To Operate**—Remove with a half-turn, fill tank two thirds full of solution, replace pump and with a few strokes compress air on solution. Then direct the spray.

Two Pumpings will discharge the contents. **Price: No. 1-D, Galvanized, \$6.50; No. 1-B, Brass, \$9.50. Shipping weight, 11 lbs.**

#### EXTRAS FOR AUTO SPRAYERS.

|   |        |
|---|--------|
| Auto-Pop Nozzles.....                     | Price  |
| Auto-Pop Nozzles, with hose.....          | \$1.50 |
| Extension Pipe, brass, 2-foot length..... | 2.00   |
| Brass Elbow Extension.....                | .70    |
|   | .35    |



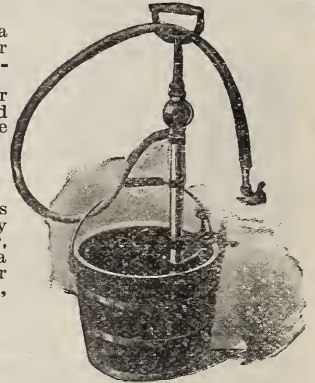
### PERFECTION SPRAYERS

A COMPRESSED AIR SPRAYER that is riveted. An extra strong sprayer. The automatic shut-off nozzle is built for high pressure work. Four gallon capacity. **Price: Galvanized, \$6.50; Brass, \$9.50.**

**JUNIOR PERFECTION**—A small compressed air sprayer of the "Perfection" type. The capacity is 2½ gallon and owing to the fact that it is not so heavy, it is a great favorite among the ladies. **Price: \$1.75; postpaid, \$5.00.**

### PRIZE BUCKET PUMP

Double acting, works on both up and down stroke and throws a continuous stream. Can be used with any ordinary pail or bucket. Pump has seamless brass body cylinder, heavy brass plunger, brass ball valves, is equipped with a Bordeaux nozzle, 3½ feet of rubber spray hose and strainer on bottom to prevent clogging. **Price: \$1.00; by mail, \$1.25.**



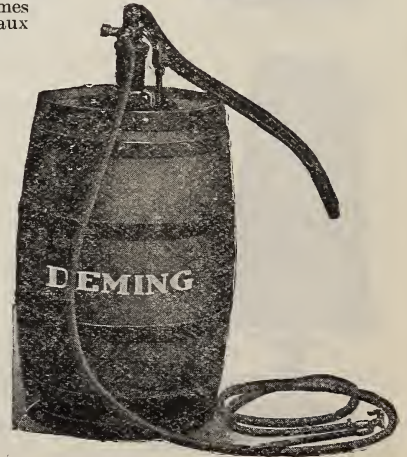
Perfect Success.

### DEMING'S PERFECT SUCCESS

Has brass ball air chamber to cushion the stream, giving it uniform pressure. Working parts same as Brass bucket spray No. 1. Can be fastened to bucket and entire outfit carried from place to place. Comes with 4 feet ¾-inch discharge hose and Bordeaux nozzle. **Price: \$7.00; by mail, \$7.25.**

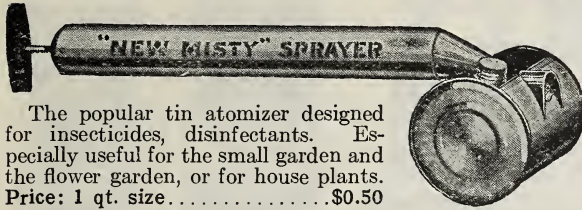
### DEMING'S CENTURY BARREL PUMP

The "Century" is proof against corrosion, as all working parts are brass; is so substantially constructed as to be practically exempt from breakage; is easy to operate and a fine buy for the orchardist. Universal Iron Base—adjustable to any size or depth of barrel—fits the flat head or curved side of barrel. This, with foot lug, keeps pump absolutely rigid during operation. Base fits 7x10-inch hole. Four hook-bolts with large thumb nuts attach base to barrel head. The cylinder has a 4-inch stroke and is always submerged and primed. Plunger has special fabric packing, chemically treated. Solid bronze valves and bronze valve seats. By removing four bolts, both suction and discharge valves may be taken out for examination and repairs. Twin paddle type agitator. Brass discharge "Y" for two leads of hose. **Price: \$18.50.**



Get our prices on insecticides and fungicides. We can give you quality and save you money.

**NEW MISTY**



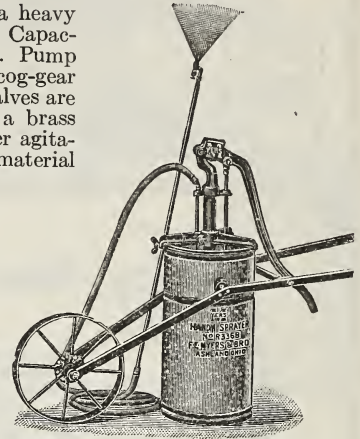
The popular tin atomizer designed for insecticides, disinfectants. Especially useful for the small garden and the flower garden, or for house plants. Price: 1 qt. size.....\$0.50

This sprayer comes with 15 ft. 1/2 in. 5-ply discharge hose, 8 ft. extension and Vermorel Nozzle. An excellent all 'around pump and is especially handy where turning in narrow places is necessary.

Price ..... \$25.00

**MYERS' PORTABLE SPRAYER R-336B**

Made of extra heavy galvanized iron. Capacity, 12 1/2 gallons. Pump has patented cog-gear handles. The valves are brass ball with a brass seat. The dasher agitator keeps the material stirred.



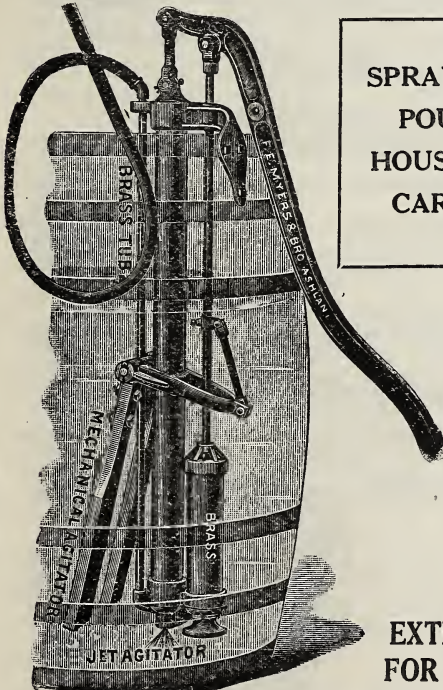
**MYERS' BARREL SPRAYER—No. 305B**

The entire pump sets inside the barrel containing the liquid, being bolted fast at its upper end to the barrel staves. The working parts are entirely submerged in the liquid, avoiding all possibilities of losing priming.

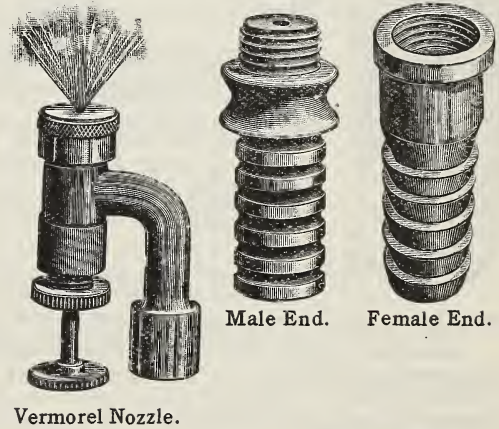
This pump has bronze ball valves and brass seats; the plunger is brass, fitted with hemp packing. Will handle hot, cold or any caustic mixture. The cylinder and discharge pipes are all brass. The air chamber is 30 inches in length, enabling the pump to throw a uniform and elastic spray.

It has a good leverage, is very powerful and easily operated. Complete, with one lead of 15 ft. 5-ply discharge hose, graduating Vermorel Nozzle and mechanical agitator.

Price ..... \$14.00



**SPRAY YOUR  
POULTRY  
HOUSE WITH  
CARBOLA**



Vermorel Nozzle.

Male End.

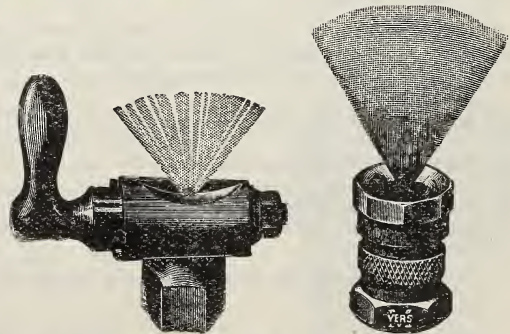
Female End.

**EXTRA PARTS  
FOR SPRAYERS**

- |                      |        |                       |        |
|----------------------|--------|-----------------------|--------|
| Bordeaux Nozzle..... | \$0.90 | Sprinkling Nozzle.... | \$0.30 |
| Vermorel Nozzle..... | .75    | Male End.....         | .25    |
| Imperial Nozzle..... | .40    | Female End.....       | .25    |
| Y.....               | .50    | Bend.....             | .25    |

**BAMBOO EXTENSION RODS**—8 feet long. Price: Each, \$4.50; with stop-cock, \$5.50.

**EXTENSION PIPES**—Iron, 4 feet. Price: 40c each.



Bordeaux Nozzle.

Sprinkling Nozzle.



## Have a Conkey Corner in Your Poultry House

### CONKEY'S POULTRY TONIC

Contains no filler. It is a Laying Tonic, Molting Powder and Regulator of a high type, and is made with the same care that has made the efficiency of Conkey Poultry remedies world-famous. A little in the feed of breeding birds in early spring means vitality and strength in the hatching eggs. Helps growing stock get some value out of their feed and keep hardy and thrifty through their growing and feathering period. Builds up the tired organs and run-down system of molting birds after heavy laying, puts them through the molt quick, and starts them laying again with the least possible loss of time. Hens in the molt need every attention you can give them. Bear that in mind.



For laying, put a little in the dry mash or the wet feed every day. It helps hens earn their board especially when egg prices are soaring and every egg means money. You can give Conkey's Poultry Tonic to every bird in your flock every day in the year.

| IN PAILS |        | IN BAGS  |        | IN PACKAGES |        |
|----------|--------|----------|--------|-------------|--------|
| 12 lbs.  | \$1.60 | 50 lbs.  | \$5.00 | 1 1/2 lbs.  | \$0.25 |
| 25 lbs.  | 3.00   | 100 lbs. | 9.50   | 3 1/4 lbs.  | .50    |

By mail, add postage.



- CONKEY'S POULTRY LAXATIVE**—A laxative for poultry. Price: 25c, 50c postpaid.
- CONKEY'S LICE POWDER**—To be dusted on the fowls. Price: 5 oz., 10c; 15 oz., 25c; 48 oz., 50c. By mail add postage.
- CONKEY'S ROUP REMEDY**—An effective aid in prevention and cure of roup, cold and canker. Price: 30c, 60c and \$1.20 postpaid.
- CONKEY'S ROUP PILLS**—For individual treatment of affected birds. Price: 30c, 60c, \$1.20 postpaid.
- CONKEY'S CANKER SPECIAL**—Excellent for cankerous growth, roup and cold. Price: Bottle, 50c, postpaid.
- CONKEY'S POULTRY WORM REMEDY**—For all your birds. Price: 25c, 50c postpaid.
- CONKEY'S NOXICIDE**—A germ destroyer and disinfectant. Price: 1 pt., 50c; 1 qt., 80c; 2 qts., \$1.25; 1 gal., \$2.00. Express extra.

**CONKEY'S NOX**—A high-grade disinfectant in solid form. One little cube, mixed in water, makes a gallon of dip or disinfectant. No waste, no guessing as to mixture. A saving on freight and packing charges. Package 6 cubes, 25c; 15 cubes, 60c; 75 cubes, \$1.75; 150 cubes, \$3.25 postpaid.

**CONKEY'S LICE LIQUID**—A liquid spray for lice in the poultry house. Price: 1 qt., 60c; 2 qt., 90c; 1 gal., \$1.50. Express extra.

**CONKEY'S SCALY LEG REMEDY**—An ointment to relieve scaly legs. Price: 25c. By mail, 30c.

**CONKEY'S SULPHUR CANDLES**—Price: 10c each, postpaid.

**CONKEY'S GAPE REMEDY**—Price: 25c, 50c postpaid.

**CONKEY'S POULTRY CONDITIONER**—For run-down birds. Price: 25c, 50c postpaid.

**CONKEY'S LICE FIX**—A salve applied three or four times a year. Price: 25c, 50c postpaid.

**CONKEY'S BLACKHEAD REMEDY**—For turkeys. Price: 50c postpaid.

**CONKEY'S WHITE DIARRHOEA REMEDY**—For white diarrhoea in baby chicks. Price: 30c, 60c, \$1.20 postpaid.

**CONKEY'S HEAD LICE OINTMENT**—For head lice on baby chicks. Price: 10c, 25c postpaid.



Send 4c for Conkey's book on poultry

**SPRAY YOUR POULTRY HOUSE WITH CARBOLA**



# POULTRY REGULATOR *Pratts* POULTRY REMEDIES

## Satisfaction Guaranteed or Money Back



**PRATT'S POULTRY REGULATOR**—The original Poultry Regulator of America. It builds up vitality insures sound digestion, sharpens appetite and prevents disease. 24 oz. pkg., 25c; 4 lb. pkg., 50c; 12 lb., pkg. \$1.40; 12 lb. pail \$1.75; 25 lb. pail \$3.00. By mail, add Postage. 50 lbs., \$5.50; 100 lbs., \$10.00. By express only.

**PRATT'S ROUP POWDER**—Gives almost instant relief. Reduces fever, allays inflammation. Price 25c and 50c postpaid.

**PRATT'S ROUP TABLETS**—Give the same relief as the powder and are more convenient to use. Price 25c and 50c postpaid.

**PRATT'S WHITE DIARRHOEA REMEDY**—The result of years of research work. Keep the germs from becoming active by using this remedy. Price 25c and 50c postpaid.

**PRATT'S SPECIAL REMEDY**—A remedy for bowel complaint. Administer in the drinking water. Effective in cases of dysentery and cholera. Price 25c and 50c postpaid.

**PRATT'S GAPE REMEDY**—For baby chicks. Price 25c and 50c postpaid.

**PRATT'S LICE POWDER**—Effective, non-poisonous, non-irritating. It quickly and thoroughly kills lice on chickens. Price 25c; postpaid, 30c.

**PRATT'S BRONCHITIS REMEDY**—Comes in tablet form and will give almost immediate relief to bronchial trouble in chickens. Price 25c and 50c postpaid.

**PRATT'S DISINFECTANT**—To be sprayed in the chicken house, on the roosts and on the dropping boards. Keep your poultry house sanitary by washing the utensils with a solution of Pratt's Poultry Disinfectant. Price: quart, 55c; express extra.

**PRATT'S HEAD LICE OINTMENT**—A salve to be rubbed on the little chick's head. Death to head lice. Price 25c postpaid.

**PRATT'S CONDITION TABLETS**—An easy and effective remedy for "run-down" birds. Keeps show birds in condition and prevents many common ailments. Price 25c and 50c postpaid.



## GEO. H. LEE'S POULTRY SPECIALTIES

**LEE'S LICE LIQUID**—A liquid to be painted or sprayed on the roosts. Easily applied and very effective. Price: 1 qt., 60c; ½ gal., 90c; 1 gal., \$1.50. By express only.

**LEE'S EGG MAKER**—A concentrated meat food and tonic. 2 lbs., 30c; 5 lbs., 75c; 12 lb. pails, \$1.50; 25 lbs., \$2.50. By mail, add Postage.

**GERMOZONE**—The best known poultry remedy in the world. Over eighteen years on the market. Wonderfully effective against roup, colds, chickenpox, canker, cholera and diarrhoea. An excellent preventive. 12 oz. bottle, 75c; 32 oz. bottle, \$1.50. Cannot be mailed. Germozone tablets, 75c per box postpaid.

**LEE'S LICE POWDER**—Useful for chicks or setting hens; 1¼ lbs., 25c; postpaid, 30c.

**LEE'S EGG-O-HATCH**—Strengthens the chick and weakens the shell. Applied by dipping or spraying. Fifty-cent jar will treat 600 Eggs. Egg-O-Hatch will increase your hatch. Price: 50c; postpaid, 55c.

**LEE'S EGG-O-LATUM**—The best product known for keeping eggs during a period covering a year. Easy to apply. Simply rub on your hands and then rub each egg. A jar of Egg-O-Latum is sufficient for 50 dozen eggs. Price: 50c per jar; postpaid, 55c.

**LEE'S GOPHER KILLER**—A liquid poured on some absorbent material. This material is pushed into the hole of the gopher. Price, qt. 75c; By express only.





Dr. LeGear's Remedies are the product of 30 years experience in the poultry industry. They are all his personal formulas, used in his own breeding pens of prize-winners.



**Dr. LeGear's Poultry Prescription**—A tonic and a conditioner. Helps the birds during the moult. Stimulates Egg production.

1½ lb. pkg. . . . . \$0.25  
 3¾ lb. pkg. . . . . .50  
 9 lb. pkg. . . . . . 1.00  
 25 lb. pkg. . . . . . 2.50

By mail add postage.

**Dr. LeGear's Egg Laying Tablets**—Will increase your egg supply.

Tones up the fowls' system, aids digestion and helps to keep hens healthy.

Small size, 50 tablets . . . . . \$0.50 postpaid  
 Large size, 120 tablets . . . . . 1.00 postpaid

**Dr. LeGear's Poultry Bowel Regulator**—An intestinal antiseptic and astringent that is very beneficial in cases of bowel complaint. Price: 25c postpaid.

**Dr. LeGear's Lice Killer**—A louse powder of excellent merit. Price: 1 lb. can 25c; by mail, 30c.

**Dr. LeGear's Roup Remedy**—For roup and colds. Price: 25c postpaid.

**Dr. LeGear's Dip and Disinfectant**—For disease germs, lice and vermin. Good for itch, mange, lice and ticks on live stock. Price: Qt. can 75c; ½ gal. \$1.25; 1 gal. \$2.00. Express extra.

**Dr. LeGear's Cold Tablets**—A special remedy for preventing and curing colds, roup and similar ailments. Dissolve two tablets in drinking water. As a preventive give one tablet in drinking water. Price: 25c postpaid.

**Dr. LeGear's Chick Diarrhoea Tablets**—Good for the treatment and prevention of many cases of bowel trouble among baby chicks. They should be used daily until the chicks are three weeks old. Price: Can of 35 tablets, 25c postpaid.

**Dr. LeGear's Head Lice Remedy**—A safe eradicator of lice from the heads and under the wings of chicks. Head lice cause great mortality among baby chicks. Price: 25c per can postpaid.

**Dr. LeGear's Sorehead Remedy**—For sores, injuries and diseases of the comb, wattles and head, such as Sorehead (Chicken-pox), Frostbite, etc. Price: 25c postpaid.

**Dr. LeGear's Antiseptic Healing Powder**—A powder that is used on sore places on animals. For galled places, barb wire cuts, etc., it is unexcelled. Everyone that has a horse, dog or cow should keep a package of this powder on hand. Price: Small pkg. 25c postpaid; large pkg., 50c postpaid.

**Dr. LeGear's Fly and Insect Powder**—Excellent against roaches, ants, flies etc. Kills fleas on dogs or cats. Price: small pkg., 25c; medium pkg., 50c; large pkg., \$1.00.



Write for Dr. LeGear's Poultry Raiser's Bible. It's Free.



# MAKE YOUR POULTRY PAY



Egg Maker

## WOLF'S

“MADE - TO - SATISFY”  
POULTRY REMEDIES

KEEP YOUR POULTRY HEALTHY AND FREE FROM VERMIN.  
ONLY HEALTHY, LICE-FREE POULTRY  
ARE PROFITABLE.

### WOLF'S EGG MAKER

A granulated Tonic and Egg Producer of the highest quality. It contains a highly concentrated chemical preparation that insures healthier poultry and more eggs.

When regularly used Eggs may be expected throughout the year, for it aids their digestive faculties and prevents many of the causes of non-laying. It keeps the poultry in the “pink” of condition and when your hens are that way, they are bound to lay. Start now and use Wolf's Egg Maker regularly. Two sizes: Small pkg., 25c; large pkg., 50c.



Sure Eggs.

### SURE EGGS

The Only Pure Chemical Egg Producer Sold.

An absolutely pure tonic. Every ounce is medicine and there is no filler of any kind. Two teaspoonfuls of Sure Eggs is worth a pound of the ordinary Egg Makers and Poultry Powders offered the public.

It is by far the most economical Tonic and Egg Producer to use and success in the poultry business is impossible without the use of a good stimulant and health-builder. Sure Eggs does the work and does it well, and if you want to have plenty of eggs at all times, it will pay you to use Sure Eggs. Price: 50c, postpaid.

### GERMITE

A Cure and a Preventive of Poultry Ills.

A permanganate potassium solution with iron, for the cure and the prevention of roup, colds, etc., in poultry. It is the wonder worker in the poultry remedy line and its merits as a real cure for roups, colds, cholera, bowel trouble and other complaints, cannot be over-estimated. As a preventive of these troubles and the spreading of these contagious diseases, Wolf's Germite is unequalled.

Use Germite in the drinking water about twice a week and then see your poultry troubles vanish. It is the cheapest and most economical poultry medicine ever used and the cost is trifling when we consider the great results obtained from the proper use of Germite. Liquid only. Cannot be mailed. Price: 50c.

### VERMITE

Destroys Vermin.

Read the government bulletin on Poultry Lice and then you will realize why Vermite stands supreme as the one efficient louse killer. It is the only powder offered the poultryman today that contains Sodium Fluoride, recommended by government experts as the most effective way of destroying poultry lice. Vermite has no equal when it comes to combating these pests, and lousy poultry is the worst paying investment a poultryman can have. Get rid of the lice by using Vermite and then you will find a bigger balance on the profit side of your poultry books. Large size, 50c; small size, 25c; postpaid.

### RAPID LOUSE KILLER

A louse powder of real merit and we recommend it very highly where people insist on having a louse powder. However, it has not the high quality and effectiveness of Vermite and therefore we would advise the use of Vermite as a superior louse powder. Get rid of the lice by all means and Rapid Louse Killer will assist you in overcoming these pests. Price: 25c, postpaid.



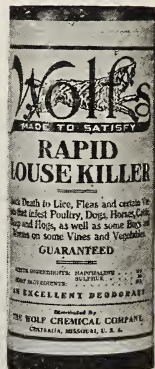
Germite.



Germite



Vermite.



Rapid Louse Killer

Clean — Colorless  
Destroys All Odors



Cheap To Use—  
Powerful

## MONEY-BACK GUARANTY BEHIND B-K FOR TREATING POULTRY DISEASES

**B-K** is a clean, colorless, non-poisonous germ killer. Used in dilution with water. Ten times as powerful a germ killer as undiluted carbolic acid. But absolutely harmless when used around poultry. Greatest known treatment for white diarrhea and other poultry diseases. Does not burn or stain. Used with absolute safety.

**Sterilizing Brooders and Incubators**—B-K outclasses other products for this purpose. Easy to use. A little in water makes a disinfectant that kills germs of diarrhea and "colds." Destroys all odors. No strong smell, which when aggravated by heat of incubator or brooder, cuts down the hatch and nauseates chicks. Doesn't discolor incubator parts. B-K makes good disinfecting solution for brooder cloth parts. Bleaches and destroys odors in cloth. B-K is excellent for putting in scrub water for trays and pans **Full directions in every package.**

**White Diarrhea**—A few chicks hatched from eggs infected with the white diarrhea germ, can spread this dread disease to your whole hatch. A little B-K in the drinking water kills the germs that diseased chicks leave in the water. Also keeps digestive organs of healthy chicks well disinfected against germs of diarrhea that they might

pick up from droppings. B-K is better for this use than any other product. B-K does not discolor or cause a bad taste in water. Absolutely non-poisonous. Highly recommended by leading hatchers everywhere. **Full directions in every package.**

**Roup and Canker**—B-K is a powerful solvent of the matter in which germs of infection live. When used on the sores or tumors of Roup and Canker, B-K dissolves and cleans out the pus and excretion, kills the germs causing the infection and promotes healing. B-K used in drinking water kills germs of roup and canker that get into the water from droppings or excretia from sores of sick birds.

**General Disinfecting**—A disinfectant for poultry houses should be a product that kills the germs of infection and destroys the bad odors, leaving clean, pure air for the fowls to breathe. No other one product but B-K has all these qualities. B-K is ten times as powerful as undiluted carbolic acid. It is safe to use, will not poison fowls, burn their eyes or skin or stain their feathers. B-K destroys the heavy odors that linger around poultry houses and leaves the air clean and sweet-smelling.

## FOR PETS AND PIGEONS

**For Mange and Skin Parasites in Pets and Show Animals**—Most mange or skin treatments blister animals' hides, stain hair and leave an offensive odor. B-K gets rid of the skin trouble by penetrating the scabs and killing infection. B-K does not blister. B-K is colorless and does not stain the hair. B-K kills all odors and leaves the animal smelling clean and healthful. B-K promotes the luster of the hair and leaves the animal with a vigorous feeling.

B-K is used as a general disinfectant around kennels, rabbit hutches, etc., by clubs and show people everywhere. Leading breeders prefer B-K because it is so clean and safe to use. Has greater germ killing and disinfecting powers than

other disinfectants, without the usual bad odor and poisonous quality. A daily spray with B-K dilution prevents snuffles, distemper, etc. from getting started.

**Pigeons and Show Birds**—B-K is used extensively as a general disinfectant by breeders and showmen of pigeons and show birds. B-K is preferred because it is non-poisonous, colorless and destroys the heavy odors that hang around show cages. Fanciers everywhere recommend B-K to clean stains from feathers and make plumage "snappy". See discussion and directions under "Poultry."

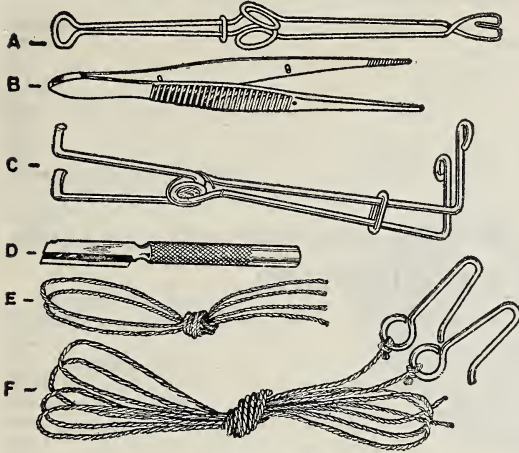


## PRICES

|                    |         |
|--------------------|---------|
| 5 Gal. Jug.....    | \$12.50 |
| 1. Gal Jug.....    | 3.00    |
| Quart Carton.....  | 1.25    |
| 10 Oz. Carton..... | .60     |
| 4 Oz. Carton.....  | .35     |

The new improved Simplex "GRIP-SLOT" Caponizer **\$5.75**  
 Complete as Illustrated  
 With Instruction Book, How to Caponize, FREE

Simplex "THREAD-THRU" Caponizer **\$3.50**  
 Complete as Illustrated  
 With Instruction Book, How to Caponize, FREE



Patent 1923

**Fig. 1A**—This Improved Type Testicle Remover and Elevator elevates the testicle from the vein and removes it without crushing, tearing or splitting, hence no slips. The GRIP-SLOT feature easily slips over the testicle and automatically locks, and once thus engaged insures complete removal without any danger of slips. The long spring-handle insures CLEAR VISION of chick's testicle. Fits hand perfectly, even balance and a steady grip. Works any size chick.

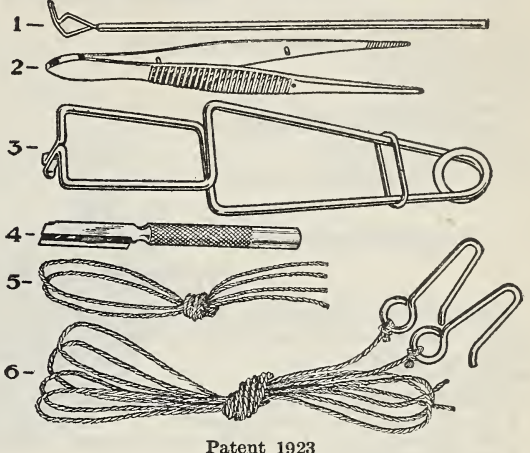
**Fig. 2B**—5-inch Surgeon's Type Forceps; Spring steel, nickled. This is a much better type instrument than sharp hook and safer to use.

**Fig. 3C**—Spreader and Retractor: New improved type, positive locking and non-slipping. The curve of the spreading jaws insures ease of insertion and non-slipping. The broad feet act as stabilizers and hold the tool steady at all times.

**Fig. 4D**—Knife Instrument: Has a razor edge with removable Cobalt steel blade. Sanitary.

**Fig. 5F**—Hooks and cords for binding chick during operation.

Complete as illustrated, with book of instructions, \$5.75.



Patent 1923

**Fig. 1**—This little REMOVER makes it possible to remove the testicle without any danger of pinching or grabbing the big vein or tearing the testicle. Testicle threads THROUGH big eye of remover, and then is lifted out completely and safely without cutting or clamping.

**Fig. 2**—Forceps, 4 1/2 inches long; spring steel, nickled.

**Fig. 3**—Humane Spreader: Will spread the ribs of any size chick, allowing clear vision and unobstructed view of Chick's testicle. Can be set independently to any position.

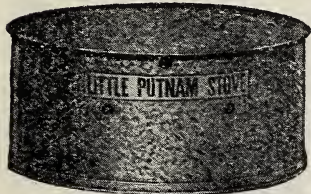
**Fig. 4**—Knife; has razor edge, with removable cobalt steel blade. Easy to clean.

**Fig. 5 and 6**—Hooks and cords to bind chick during operation.

**Book of Instructions**—This book shows every step of the work and is profusely illustrated, drawings made from life and shows the parts on the inside of chick to be removed. Every move clearly described by pictures and drawings and written in clear, concise language. Price of book only, \$1.00.

All of the above, when ordered at one time, sent for \$3.50.

## LITTLE PUTNAM STOVE



The Little Putnam Stove is a marvel of simplicity and efficiency—built upon an entirely new principle in oil combustion. The combustion is complete and perfect, doubling the heat value of the oil. The tank holds three pints and burns three to four weeks without refilling or any other attention. The wick never needs trimming. The Little Putnam Stove is eight inches in diameter and four inches high. It is made of galvanized iron and brass. With any kind of fair usage it will last for many years, paying for itself over and over again each year. Price, \$2.50 postpaid.

H. W.—A liquid tonic and remedy for poultry. One trial makes you a life-long friend. Don't use in tin, zinc, iron or wood vessels. Price: 3 oz., 50c; 8 oz., \$1.00 postpaid.



# SPECIAL COLLECTIONS

## BEGINNER'S COLLECTION

|  |         |
|--|---------|
| 1 International Sanitary Hover.....            | \$15.00 |
| 50 lbs. Conkey's Buttermilk Starting Food..... | 2.75    |
| 10 lbs. Chick Grit.....                        | .25     |
| 25 lbs. Cut Clover.....                        | 1.10    |
| 1 Bottle Germite.....                          | .50     |
| 2 Moe's No. 12 Chick Feeders.....              | .50     |
| 2 Moe's Star Founts.....                       | .20     |
| 2 lbs. Chick Charcoal.....                     | .15     |

\$20.45

To help you get started right we will send you the above collection by prepaid freight for..... \$17.50

## MEDIUM BREEDER'S COLLECTION

|   |         |
|---|---------|
| 1 42-in. Moe's Coal Brooder (500 chick size)..... | \$21.50 |
| 100 lbs. Conkey's Buttermilk Starting Food.....   | 5.25    |
| 25 lbs. Chick Grit.....                           | .50     |
| 100 lbs. Cut Clover.....                          | 3.75    |
| 3 bottles Germite.....                            | 1.50    |
| 2 No. 20 2-qt. Bottom Fill Founts.....            | .90     |
| 2 No. 60 24-in Moe's Double Feeding Troughs.....  | 1.40    |
| 8 lbs. Chick Charcoal.....                        | .50     |

\$35.30

To get acquainted we will send you the above collection by prepaid freight for \$31.50.

## BIG BREEDER'S COLLECTION

|   |         |
|---|---------|
| 1 52-in. Moe's Coal Brooder (1,000 chick size)..... | \$26.50 |
| 200 lbs. Conkey's Buttermilk Starting Food.....     | 10.50   |
| 50 lbs. Chick Grit.....                             | .90     |
| 200 lbs. Cut Clover.....                            | 7.50    |
| 6 Bottles Germite.....                              | 3.00    |
| 3 No. 24 1-gal. Moe's Bottom Fill Fountains.....    | 1.80    |
| 4 No. 60 Moe's Double Feeding Troughs.....          | 2.40    |
| 25 lbs. Chick Charcoal.....                         | 1.15    |

\$53.75

We will send the above collection by prepaid freight for \$48.00.

## CONKEY'S POULTRY CORNER

|                                       |         |
|---------------------------------------|---------|
| 1 pkg. Conkey's Lice Powder.....      | \$ 0.25 |
| 1 pkg. Conkey's Poultry Tonic.....    | .25     |
| 1 pkg. Conkey's Roup Remedy.....      | .25     |
| 1 pkg. Conkey's Poultry Laxative..... | .25     |
| 1 pt. Conkey's Noxicide.....          | .45     |

\$1.45

Special price on this collection is \$1.25 F. O. B. St. Louis. Cannot be mailed.

## BIRD FANCIER'S COLLECTION

|   |         |
|---|---------|
| 1 lb. St. Andreasberg Bird Seed.....      | \$ 0.25 |
| 1 pkg. St. Andreasberg Song Restorer..... | .25     |
| 1 Bird Joy.....                           | .15     |
| 1 pkg. Gravel Paper.....                  | .20     |
| 1 Cuttle Bone and Holder.....             | .15     |
| 1 Song Restorer Cup.....                  | .05     |
| 1 pkg. Bird Lice Powder.....              | .25     |
| 1 bot. Bird Cordial.....                  | .25     |

\$1.55

The above collection will be sent for \$1.30. Shipping weight 4 lbs. By mail, add Postage.

Under no circumstances will any of the above collections be broken or items substituted for items in the above collections at the collection prices.

# ST. LOUIS SEED COMPANY

411-413 Washington Avenue

ST. LOUIS, MISSOURI

# St. Andreasberg Canary Bird Specialties

The Perfect  
Complete Food  
For Canaries.  
Never Sold  
In Boxes.



Contains Canary,  
Rape, Millet,  
Lettuce, Maw,  
Thistle. Contains  
No Hemp Seed.

## ST. ANDREASBERG SPECIAL MIXED BIRD SEED

**N**O MATTER how good your bird may be when you get him, he can be ruined in a comparatively short time if you feed him on inferior bird seed.

Our 20 years' experience in handling and selling birds have taught us the value of good seed. While we always purchase re-cleaned seeds, we are not satisfied, but clean them again to make doubly sure that not a particle of dust will get in the canary's throat.

St. Andreasberg Bird Seed has been on the market for twelve years. The only change made in this mixture has been the addition of thistle seed. It was only after lengthy experiments that we arrived at the proper amount of this to use.

Up to last year St. Andreasberg Bird Seed was obtainable only from us, but so many of our out-of-town customers asked us to sell some of this famous seed to their local dealers that we finally acceded to their demands. Now you will be able to get this seed from almost any up-to-date druggist or dealer in bird supplies. Insist on the brown package and yellow label. There is no substitute.

There is no hemp in St. Andreasberg Bird Seed because it is fattening and will ruin your bird. If your bird was flying around in the open all of the time and could work this poison out of his system, hemp would be all right, but to a confined bird, hemp is bad because it heats his blood and undermines his entire constitution. **Price: per lb., 25c., 30c postpaid.**

## ST. ANDREASBERG BIRD JOY

**A** PASTE made up of many different seeds, pine tar, fruits, eggs and honey. The formula for this preparation is a family secret of a family of bird raisers in the Hartz Mountain Canary Districts. Its almost miraculous effect on the canary amazed us and we hurriedly secured the American rights for the manufacture and sale of this wonderful product.

In our 20 years of handling and selling birds we often dreamed of such a wonderful preparation, but never thought that it was possible. We have tried almost every known preparation on the market, some were fairly good, some indifferent and some absolutely harmful. But when we tried St. Andreasberg Bird Joy we knew that we had found what we had sought for so long.

As a tonic, as a stimulant, as a treat, as a medicine, we have never seen the equal of St. Andreasberg Bird Joy.

# St. Andreasberg Canary Bird Specialties

## ST. ANDREASBERG BIRD JOY—Continued

Use St. Andreasberg Bird Joy in connection with St. Andreasberg Bird Cordial during the moult and your little pet will often pass through this critical stage without loss of song.

In order to get the finished Bird Joy it is necessary to get seeds and spices from many parts of the world. The Bird Joy today is the same product that the famous German breeders have been using for years. Our only improvement has been in the method of putting up Bird Joy. The German breeders made the cube and pushed it between the wires. We have imbedded wires in the cube so that it can be easily fastened to the wires of the cage.

Your canary cannot eat too much St. Andreasberg Bird Joy. His own appetite will dictate the amount that he requires. You can safely leave it in the cage all the time. Remember that age does not have any effect on St. Andreasberg Bird Joy, as it gets older it may harden slightly, but a few drops of water will soften it quickly.

If your dealer does not handle St. Andreasberg Bird Joy, we will gladly send same upon receipt of price. Price, per cube, 15c; 17c postpaid.

## ST. ANDREASBERG BIRD CORDIAL

**A** LIQUID placed in the drinking water of canaries to keep them in constant song and in perfect health. St. Andreasberg Bird Cordial is a time-tried formula for sick and ailing canaries. We sell thousands of canaries every year and as soon as a shipment arrives we put five drops of Bird Cordial in the drinking water of every bird. The results are often like magic, the little traveler takes on new life and soon seems satisfied in his new home. It does not take long for the bird to begin singing after we have given him his St. Andreasberg Bird Cordial. We very strongly advise everyone that purchases a bird to get the Cordial for him, as sometimes a sudden change of drinking water proves disastrous.

St. Andreasberg Bird Cordial is the best known remedy for the prevention and cure of Asthma, Hard Breathing Cold, Shedding Feathers out of season, Constipation, Dysentery, Diarrhea, etc. The usual dose is five drops to one ounce of drinking water, to be given twice a week. No bird owner should be without a bottle of this famous product, as one cannot tell when it may be needed. To keep your bird in perfect health and to help ward off disease, we advise giving the canary St. Andreasberg Bird Cordial once a week as a preventive measure. Price: 25c per bottle, 30c postpaid.

## ST. ANDREASBERG SONG RESTORER

**A** PREPARATION for restoring the song and building up the constitution of the canary. A famous secret formula that has been handed from father to son for generations. Eggs are the main ingredient combined with herbs and fruits. Take any bird that is weak or puny, shedding feathers out of season and St. Andreasberg Song Restorer will start him on the road to health and happiness. Many breeders keep this famous preparation before their birds at all times.

St. Andreasberg Song Restorer works wonders in many cases where the canary has not been singing for months. About a thimbleful a day is all that is necessary for the bird. There is no meat in this preparation, as meat often gets rancid and makes your canary sick. No ground hemp, rape or millet which can be bought very cheaply and does not have any effect on the vocal organs of the canary.

St. Andreasberg Song Restorer is fit for human consumption, it is so clean and sweet smelling. If you like a little dessert after your meals, remember that your canary also enjoys something besides the seed day in and day out. One package of St. Andreasberg Song Restorer will convince the most skeptical of its merits. Price: 25c per package, 30c postpaid.



# St. Andreasberg Canary Bird Specialties

## ST. ANDREASBERG NESTLING FOOD

**M**ANY people like to raise a few birds just for the pleasure or novelty that they get out of it. For them we have an egg food for canaries. St. Andreasberg Nestling Food is put up in airtight packages and will keep indefinitely in any climate.

This preparation is gotten up especially for the people that do not care to go to the trouble of boiling eggs every day for the baby birds. **Price: 25c per pkg; 30c postpaid.**

## ST. ANDREASBERG BIRD GRAVEL

**S**T. ANDREASBERG BIRD GRAVEL is not a smooth river sand, but is crushed mica and has rough edges. These rough edges are necessary to keep the toe nails worn down and grind the food. Never use a smooth gravel, as it cannot grind the food.

St. Andreasberg Bird Gravel is the result of many years of experimenting as to what was best for the bottom of the bird's cage. We tried the river gravel, but owing to the fact that it was smooth it did not grind the food properly, with the result that many of our birds became constipated. In many instances there were foreign substances in the sand that made the bird sick. For the last five years we have been using St. Andreasberg Bird Gravel and have had no cases of constipation, poisoning or overgrown toe nails. **Price: 10c per pkg. By mail, add postage for 4 lbs.**

## ST. ANDREASBERG MITE POWDER

**T**HIS preparation is effective in killing the vermin that may get on a canary. St. Andreasberg Mite Powder contains no inert ingredients, but is 100 per cent pure, for which reason it is so effective. Absolutely harmless to the bird.

Nothing can cause greater torture to the little canary than the small red mites. They get on the little bird's body and suck away the very life blood of the bird. No bird owner should be without a package of St. Andreasberg Mite Powder as a bird may die if it loses all its vitality on account of mites. **Price: 15c per pkg; 20c postpaid.**

## ST. ANDREASBERG BIRD SALVE

**A** SALVE of the highest quality and greatest effectiveness. Used for sore feet or any body sores on canaries. Is quick work and the fact that it cannot hurt your bird in any way makes it a great boon to canary owners. **Price: 15c per tin; 17c postpaid.**

## ST. ANDREASBERG NESTING HAIR

**U**SED by many canary breeders for the nests of birds. The hair is usually placed in the bottom of the cage and birds make their own nests. **Price: 10c per pkg; 12c postpaid.**

# BIRD CAGES

## JAPANNED CAGES



No. 241

Japanned cage of excellent quality at a low price.

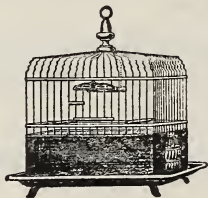
- No. 241—7 1/2 x 7 1/2 inches.....\$2.00
- No. 242—8 x 8 inches..... 2.25
- No. 243—8 3/8 x 8 3/8 inches..... 2.60
- No. 244—9 1/4 x 9 1/4 inches..... 2.85

By mail add 25c for packing and postage.

**Japanned cage.** Low priced and meets the popular demand. We have an excellent assortment of sizes of this cage.

- No. 270—9 x 6 inches..\$2.00
- No. 271—9 1/2 x 6 1/2 inches.. 2.25
- No. 272—10 x 7 inches.. 2.60
- No. 273—10 1/2 x 7 1/2 inches.. 2.85
- No. 274—11 x 8 inches.. 3.10
- No. 275—11 3/4 x 8 3/4 inches.. 3.35

By mail add 25c for packing and postage.

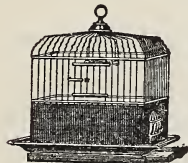


No. 270

A new cage enameled in ivory white, brass knobs, brass wire guards, drawers painted light blue.

- No. 2372-D—10 x 7 inches\$5.75
  - No. 2373-D—10 1/2 x 7 1/2 inches 6.25
  - No. 2374-D—11 x 8 inches 6.75
- The following without drawer.
- No. 2372—10 x 7 inches.\$4.75
  - No. 2373—10 1/2 x 7 1/2 inches. 5.25
  - No. 2374—11 x 8 inches. 5.75

By mail add 25c for postage and packing.



No. 2372-D

The following without wire guard and drawer.

- No. 372—10 x 7 inches.....\$2.50
- No. 373—10 1/2 x 7 1/2 inches..... 3.00
- No. 374—11 x 8 inches..... 3.50

The following have drawer, but without wire guard.

- No. 372-D—10 x 7 inches.....\$3.50
- No. 373-D—10 1/2 x 7 1/2 inches..... 3.75
- No. 374-D—11 x 8 inches..... 4.00

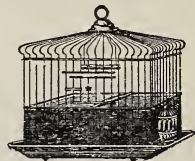
By mail add 25c for postage and packing.

## BRASS CAGES

An excellent cage with wire guards to prevent birds from throwing seed and gravel on the floor.

- No. 2471—9 1/2 x 6 1/2 inches..\$5.25
- No. 2472—10 1/8 x 7 1/8 inches. 5.75
- No. 2473—10 3/4 x 7 3/4 inches. 6.50
- No. 2474—11 3/8 x 8 3/8 inches. 7.25

By mail add 25c for postage and packing.



No. 2471

A low priced brass cage made of the same excellent material and high class workmanship as the higher priced cages.

- No. 470—9 x 6 inches..\$2.90
- No. 471—9 1/2 x 6 1/2 inches.. 3.15
- No. 472—10 1/8 x 7 1/8 inches.. 3.80
- No. 473—10 3/4 x 7 3/4 inches.. 4.60

By mail add 25c for postage and packing.



No. 470

A strong, well-made cage with screen guard and zinc drawpan bottom.

- No. 2572-M—10 1/2 x 7 1/2 inches\$8.25
- No. 2573-M—10 3/4 x 7 3/4 inches 9.00
- No. 2574-M—11 3/8 x 8 3/8 inches 9.75
- No. 2575-M—12 x 9 inches.... 10.50

By mail add 35c for postage and packing.

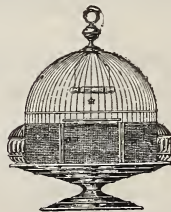


No. 2572-M

The following cages are the same as the preceding cages, but do not have the zinc drawpan bottom.

- No. 2572—10 1/2 x 7 1/2 inches.....\$6.25
- No. 2573—10 3/4 x 7 3/4 inches..... 7.00
- No. 2574—11 3/8 x 8 3/8 inches..... 7.75

By mail add 35c for postage and packing.



No. 2525

A round brass cage that can be used on a stand or set on a table, a beautiful cage.

- No. 2525—10 1/4 inch diameter. \$7.00
- No. 2526—11 inch diameter. 7.50
- No. 2527—11 3/4 inch diameter. 8.00

By mail add 30c for postage and packing.

## BIRD SUPPLIES

### Cage Brackets and Springs

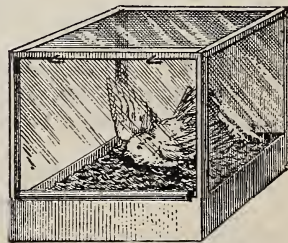


- No. 224—Nickel 8 inch. 15c each; postpaid.....17c
- No. 3710-B—Brass 10 inch. 25c each; postpaid.... 27c
- No. 3712-B—Brass 12 inch. 35c each; postpaid.... 37c
- No. 3710-D—Oxidized. 10 inch. 25c each; postpaid.. 27c
- No. 3712-D—Oxidized 12 inch. 35c each; postpaid.. 37c
- Cage Springs—Single heavy 25c each; postpaid..... 27c
- Cage Springs—Double heavy. 25c each; postpaid.... 27c
- Bird Nests—15c each; postpaid.....17c

## CAGE ACCESSORIES

**Bath House**—White enameled tin with removable glass sides. To use, open door of cage and attach. Fits any cage. Bird cannot spill water in cage. Price, 65c, postpaid, 75c.

- Tulip cups, opal or glass, 15c each; postpaid, 18c.
- Shell cups, opal or glass, 15c each; postpaid, 18c.
- Single Point cups, opal 15c each; postpaid, 18c.
- Opal Bird Baths, 15c each; postpaid, 18c.



Canary Bath House.

WRITE FOR FREE BOOK ON "CARE OF CANARIES"

# SPRATT'S FOODS FOR DOGS

## “THE BACKBONE OF THE CANINE RACE”

THE dog constitution needs a dog diet. Table scraps—toothsome and tasty though they may be—are not only totally unsuitable for the physical requirements of the dog, but are more often than not a direct cause of unfitness. The conditions under which dogs are at present bred and reared make necessary a diet which will provide all the food elements contributing to the formation of bone and muscle, the building and storing up of energy, stamina and vitality, and which will assist to maintain the highly organized canine brain. For sixty years SPRATT'S have made dogs and their requirements the subject of continual observation and research, and today for every dog old or young, healthy or sick, there is a Spratt's Food guaranteed to suit exactly his requirements. Throughout the world Spratt's Foods are today the diet of millions of the fittest dogs—the diet directly responsible for their alertness, cleanliness, health and good spirits.

**Spratt's Plain Puppy Meal**—The Standard Weaning Food. This meal should be used before, during and after the weaning period to insure large, vigorous and healthy puppies. Also an invaluable food for dogs of any age out of condition. Price: Cartons, 15c and 35c; 5 lbs., 65c; bags, 10 lbs. \$1.25; 25 lbs., \$2.80; 50 lbs., \$5.45; 100 lbs., \$10.75.

If wanted by mail, add postage.

**Spratt's Meat Fibrine Puppy Biscuits**—A complete and perfect food for puppies from weaning time onwards, and for small breeds as the regular food instead of Spratt's larger Dog Cakes. Price: Cartons 35c and 70c; bags 5 lbs., 70c; 10 lbs., \$1.40; 25 lbs. \$2.95; 50 lbs., \$5.70; 100 lbs., \$11.25

If wanted by mail, add postage.

**Spratt's Meat Fibrine Dog Cakes**—For 60 years the standard dog food, used by the leading breeders and fed at the principal dog shows throughout the world. The best results are obtained by giving the biscuits dry, not soaked, thereby compelling the dog to gnaw the food and thus producing a copious flow of saliva which materially aids digestion. Price: Cartons, 30c and 70c; bags 5 lbs. 65c; 10 lbs., \$1.25; 25 lbs., \$2.80; 50 lbs., \$5.45; 100 lbs., \$10.75.

If wanted by mail, add postage.

**Spratt's Ovals (The Pocket Dog Biscuits)**—A small Meat-Fibrine Dog Biscuit, suitable as a staple diet for small dogs and toys, and to be carried on a ramble with the dog. Price: Cartons 35c and 70c; bags, 5 lbs., 70c; 10 lbs., \$1.40; 25 lbs., \$2.95; 50 lbs., \$5.70; 100 lbs., \$11.25.

By mail, add postage.

**Spratt's Rodnim Meal**—The twice-a-week change from hard biscuit. Rodnim can be given dry, soaked in water, broth or gravy, or mixed with boiled chopped green vegetables. A fine food for old dogs whose teeth are out of condition. Price: Bags 10 lbs., \$1.50; 25 lbs., \$3.20; 50 lbs., \$6.05; 100 lbs., \$11.90.

By mail, add postage.

**Spratt's Fibo**—A unique food containing a larger percentage of Spratt's world famous Meat-Fibrine. It is very appetizing and highly recommended for shy or dainty feeders. Can be given either dry or soaked. Priced: Cartons, 35c; bags 10 lbs., \$1.60; 25 lbs., \$3.30; 50 lbs., \$6.35; 100 lbs., \$12.50.

By mail, add postage.

## CALCUM

MAKES PUPPIES GROW STRONG AND HEALTHY

A MINERAL compound fed to the matron before and after whelping, supplying the essential element in milk which nature requires for the health of the mother and the rapid vigorous growth of her offspring.

Calcum takes the place of green-bone food and prevents acid milk and rickets or softening of the bones.

Calcum is not a complete food in itself, but a small amount being used in conjunction with the regular food. Price: 1 lb., 75c; 5 lbs., \$3.00.

By mail, add postage.

## SPRATT'S DOG MEDICINES

Price Includes Postage, Except Where Noted

|  |        |   |                         |
|--|--------|---|-------------------------|
| Spratt's Cooling and Alterative Tablets.....       | \$0.60 | Spratt's Puragative Tablets.....  | \$0.60                  |
| Spratt's Anti-Rickets Tablets.....                 | .60    | Spratt's Rheumatism Tablets.....  | .60                     |
| Spratt's Aperient Biscuits.....                    | .60    | Spratt's Tonic and Condition Tablets.....   | .60                     |
| Spratt's Anti-Asthmatic Tablets.....               | .60    | Spratt's Worm Capsules.....   | .60                     |
| Spratt's Anti-Vomit Tablets.....                   | .60    | Spratt's Worm Capsules for Puppies.....   | .60                     |
| Spratt's Bone Builder.....                         | .75    | Spratt's Tonic and Condition Tablets for Toy<br>Dogs and Puppies.....                 | .60                     |
| Spratt's Canine Elixir.....                        | .60    | Spratt's Tonic and Condition Tablets for Cats... ..                                   | .60                     |
| Spratt's Consumption Capsules.....                 | .60    | Spratt's Distemper Tablets for Toy Dogs and<br>Puppies.....                           | 1.00                    |
| Spratt's Chorea Tablets.....                       | .60    | Spratt's Distemper Tablets for Cats.....  | 1.00                    |
| Spratt's Chronic Skin Disease Tablets.....         | .60    | Spratt's Vermifuge Capsules for Toy Dogs and<br>Puppies.....                          | .60                     |
| Spratt's Cough Tablets.....                        | .60    | Spratt's Vermifuge capsules for Cats.....   | .60                     |
| Spratt's Constipation Tablets.....                 | .60    | Large Packages by Express   |                         |
| Spratt's Digestive Tablets.....                    | .60    | Only  |                         |
| Spratt's Diarrhoea Tablets.....                    | .60    | 1/2-gal. cans 1-gal cans  |                         |
| Spratt's Distemper Tablets.....                    | 1.00   | Spratt's Dip.....   | \$2.00           \$4.00 |
| Spratt's Ear Canker Ointment.....                  | .60    | Spratt's Mange Medicine....   | 2.00           4.00     |
| Spratt's Eye Lotion Tablets.....                   | .60    | Spratt's Eczema and Sarcoptic Mange Medicine<br>(Ointment). 1 lb., \$2.00; 2 lbs..... | \$4.00                  |
| Spratt's Eczema and Sarcoptic Mange Medicine... .. | .60    | Spratt's Worm Capsules, Kennel Size.....  | 5.00                    |
| Spratt's Hair Stimulant and Restorer.....          | .60    | Spratt's Worm Capsules for Puppies, Kennel Size 5.00                                  |                         |
| Spratt's Kidney Tablets.....                       | .60    | These packages contain 15 times the quantity packed<br>in a 60c package.              |                         |
| Spratt's Mange Medicine.....                       | .60    |   |                         |
| Spratt's Mouth and Throat Wash.....                | .60    |   |                         |
| Spratt's Pneumonia Tablets.....                    | .60    |   |                         |

Write for Spratt's Book on Feeding

## SERGEANT'S DOG MEDICINES

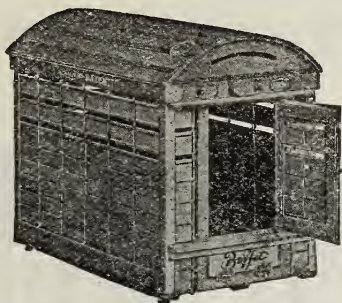
|  |        |                                       |                             |
|--|--------|---------------------------------------|-----------------------------|
| Sergeant's Distemper Medicine.....     | \$1.20 | Sergeant's Rheumatic Pills.....       | \$0.60                      |
| Sergeant's Mange Medicine.....         | .65    | Sergeant's Dog Rub.....               | .60                         |
| Sergeant's Condition Pills.....        | .60    | Sergeant's Eye Wash.....              | .60                         |
| Sergeant's Sure Shot Capsules.....     | .60    | Sergeant's Constipation Capsules..... | .30                         |
| Sergeant's Sure Shot Liquid.....       | .60    | Sergeant's Carbolic Tar Soap.....     | .25                         |
| Sergeant's Tape Worm Medicine.....     | .60    | Sergeant's Skip-Flea Soap.....        | .25                         |
| Sergeant's Arsenic and Iron Pills..... | .60    | Sergeant's Skip-Flea Powder.....      | .25                         |
| Sergeant's Canker Wash.....            | .60    | Sergeant's Disinfectant—              |                             |
| Sergeant's Well Mouth.....             | .60    | 4 oz. bottles.....                    | \$0.25   1 quart.....\$0.75 |
| Sergeant's Pepsin Tablets.....         | .60    | 12 oz. bottles.....                   | .50   1 gallon..... 2.00    |
| Sergeant's Cough Medicine.....         | .60    | By Express only.                      |                             |

Write for Sergeant's Free Dog Book

## CLAYTON'S DOG REMEDIES

|                                      |        |                                  |        |
|--------------------------------------|--------|----------------------------------|--------|
| Clayton's Mange Remedy.....          | \$0.50 | Clayton's Vernufinge.....        | \$0.50 |
| Clayton's Skin Lotion.....           | .50    | Clayton's Canker Lotion.....     | .50    |
| Clayton's Hair Tonic.....            | .50    | Clayton's Eye Lotion.....        | .50    |
| Clayton's Distemperene.....          | .50    | Clayton's Fit Remedy.....        | .50    |
| Clayton's Condition Pills.....       | .50    | Clayton's Cough Remedy.....      | .50    |
| Clayton's B. P. & Cooling Pills..... | .50    | Clayton's Sulphur Tablets.....   | .50    |
| Clayton's Digestive Tablets.....     | .50    | Clayton's Rheumatic Tablets..... | .50    |
| Clayton's Laxative Pills.....        | .50    | Clayton's Diarrhoea Remedy.....  | .50    |
| Clayton's Worm Pills.....            | .50    | Clayton's Chores Tablets.....    | .50    |
| Clayton's Tape Worm Expeller.....    | .50    | Clayton's Ceoline Dog Wash.....  | .50    |

**PULLMAN CRATE**



**For Shipping Dogs with Greatest Possible Convenience, Comfort and Luxury. Handsomest Dog Crate Made.**

All the fittings and hardware used are solid brass, also brass door knob with padlock. Has buffet for feeding and galvanized iron water cup fillable from outside of crate. Removable false bottom for cleaning, perfectly ventilated, substantially made, very light and extra handsome in appearance.

|        | Inside Measurements<br>Long-wide-high | Weight      | Price   |
|--------|---------------------------------------|-------------|---------|
| No. 1— | 24 x 16 x 18                          | 30 lbs..... | \$28.50 |
| No. 2— | 30 x 19 x 22                          | 37 lbs..... | 30.00   |
| No. 3— | 36 x 22 x 26                          | 56 lbs..... | 31.50   |
| No. 4— | 42 x 24 x 32                          | 73 lbs..... | 38.50   |
| No. 6— | 33 x 26 x 28                          | 62 lbs..... | 36.50   |

**Size Shipping Crates to Order.**

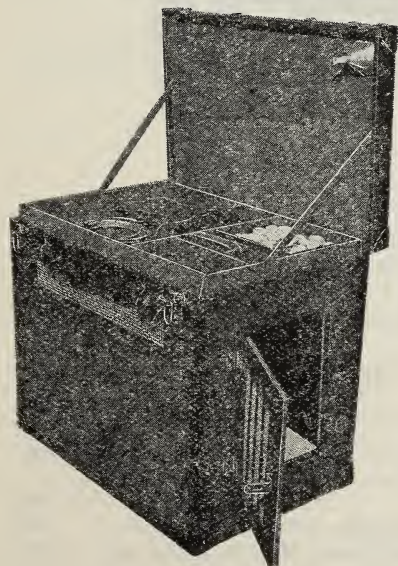
**No. 1 Pullman or No. 91 Utility**—For Fox, Boston, Scotch and Skye Terriers, Cocker Spaniels, Bull Dogs, Beagles and the like.

**No. 2 Pullman or No. 92 Utility**—For Bull, Irish and Aire-dale Terriers, and small size Pointers, Setters and Collies.

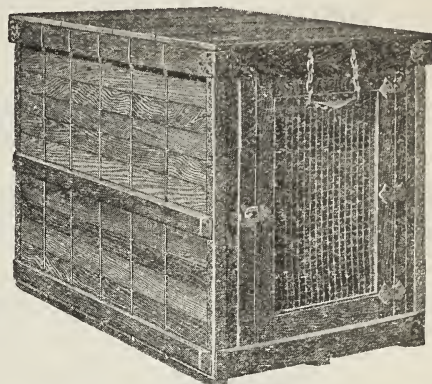
**No. 3 Pullman or No. 93 Utility**—For Setters, Pointers and Collies.

**No. 6 Pullman**—For two Pointers, two Setters, or two Collies.

**No. 4 Pullman or No. 94 Utility**—For Greyhounds, Wolfhounds, Police Dogs and small size Great Danes.



**UTILITY DOG SHIPPING CRATE**

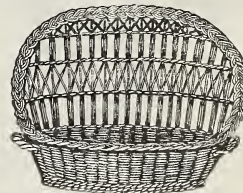


**For Shipping Dogs Safely and Comfortably by Express.**

Made of tough elm slats woven together with galvanized steel wire, ironed to prevent gnawing. All metal parts are galvanized and will not rust. Corners are ironed and riveted and will not pull apart. Heavy iron mesh in door and opening in back for ventilation. Light in weight and stands roughest usage.

|         | Inside Measurements<br>Long-wide-high | Weight      | Price   |
|---------|---------------------------------------|-------------|---------|
| No. 91— | 24 x 16 x 18                          | 24 lbs..... | \$10.00 |
| No. 92— | 30 x 19 x 22                          | 37 lbs..... | 12.00   |
| No. 93— | 36 x 22 x 26                          | 47 lbs..... | 15.00   |
| No. 94— | 42 x 24 x 32                          | 60 lbs..... | 18.00   |

**WILLOW SLEEPING BASKET**



**For Dogs and Cats, Keeps them from Sleeping on Beds, Chairs, Etc.**

Animals prefer their own beds same as humans. Better for them and you. No hairs on furniture, no mud prints. Made from finest imported French swamp grown willow. Can be lined to keep off drafts and little night drop curtains can be hung from top edge. Light, strong, durable.

|        |                  |        |
|--------|------------------|--------|
| No. 1— | Small.....       | \$3.50 |
| No. 2— | Medium.....      | 4.00   |
| No. 3— | Large.....       | 4.50   |
| No. 4— | Extra large..... | 5.00   |

**PEERLESS SHIPPING CRATE AND KENNEL**

**THE PEERLESS SHIPPING CRATE AND KENNEL** is constructed like a trunk with a place in the top for accessories such as brush, comb, lead, sweater, etc. On the floor is a rubber mat. This rubber mat is covered with a pillow filled with cedar shavings. This crate has a fine finish and can be used very nicely as an indoor kennel. This crate is a great favorite as an indoor kennel. This crate is a great favorite among Boston Terrier breeders as everything can be sent to the dog show in one crate. Outside measurements: 17 3/4 inches wide, 25 3/4 inches long, 22 1/4 inches high. **Price: \$30.00.**



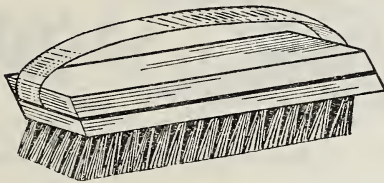
## DOG NECESSITIES

### EXTRA QUALITY LEATHER DOG LEAD HAND STITCHED—IMPORTED SCISSORS SNAP



|   |        |
|---|--------|
| No. 2215— $\frac{1}{4}$ inch, 48 inch length..... | \$1.00 |
| No. 2215— $\frac{3}{8}$ inch, 48 inch length..... | 1.15   |
| No. 2215— $\frac{1}{2}$ inch, 48 inch length..... | 1.25   |
| No. 2216— $\frac{5}{8}$ inch, 48 inch length..... | 1.40   |
| No. 2216— $\frac{3}{4}$ inch, 48 inch length..... | 1.55   |

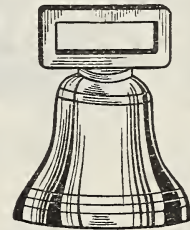
### SLANTED BRISTLE BRUSH



The ideal brush for dogs.

Price.....\$2.00

### HUNTING BELL



Slip Collar through Slit.

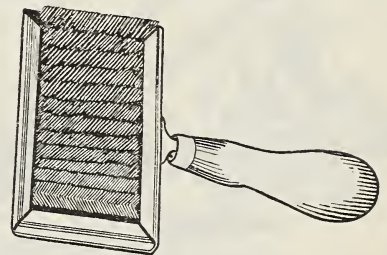
Price.....\$1.00

### HORN WHISTLE



Horn Whistle (as illustrated).....\$1.00  
Municipal Police Whistle (metal)..... .50

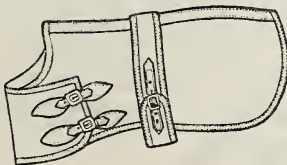
### SLICKER



For combing dead, matted hair, fleas, etc., from dog coat.

Price.....\$1.50

### BLANKETS



#### EXTRA QUALITY

|                  |                  |
|------------------|------------------|
| 10 in.....\$2.00 | 16 in.....\$3.00 |
| 12 in..... 2.25  | 18 in..... 3.50  |
| 14 in..... 2.50  | 20 in..... 4.00  |

### COLLAR LOCKS



|             |        |
|-------------|--------|
| No. 25..... | \$0.25 |
| No. 26..... | .35    |
| No. 27..... | .60    |

### DOG EAR MARKING OUTFIT

By tattooing the registry number or some other distinguishing mark in your dogs ear you can always identify him.

Outfit complete with instructions.....\$1.00

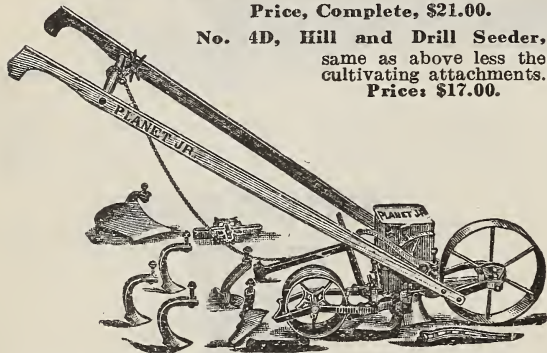
# PLANET JR. FARM AND GARDEN IMPLEMENTS

Carefully made of best materials. Save time, labor, money. Specialized tools made by Specialists.

## No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER AND WHEEL HOE

Price, Complete, \$21.00.

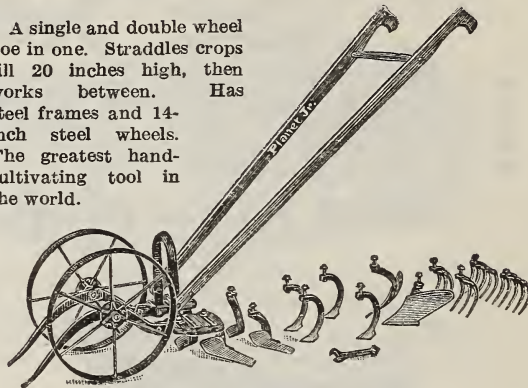
No. 4D, Hill and Drill Seeder, same as above less the cultivating attachments. Price: \$17.00.



SOON pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

## No. 11 PLANET JR. DOUBLE WHEEL HOE CULTIVATOR, PLOW AND RAKE

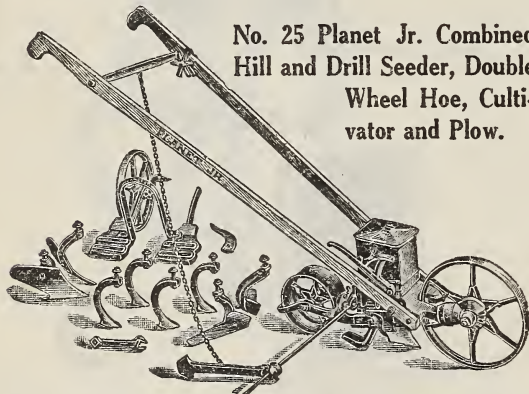
A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.



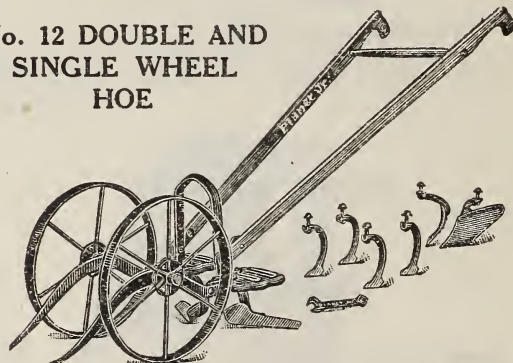
No. 11 Planet Jr. Cultivator—Price: \$16.75.

## No. 12 DOUBLE AND SINGLE WHEEL HOE

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.



A favorite among market-gardeners, onion-growers, or large gardeners. It is a perfect seeder, and combined double and single wheel hoe. No. 25, Price: Complete, \$26.00.



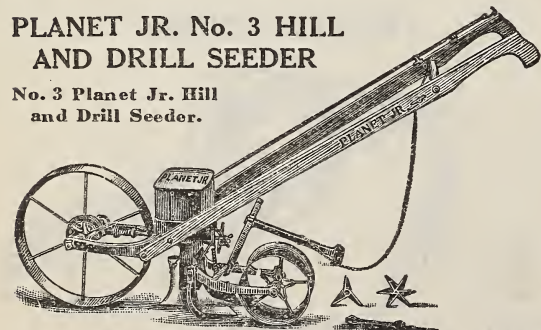
No. 12 Planet Jr. Double and Single Wheel Hoe is identical with No. 11, except that the 4 1/2-in. hoes and the rakes are omitted from the equipment. Price: \$13.00

## No. 13 PLANET JR. DOUBLE AND SINGLE WHEEL HOE

No. 13 has same frame, wheels and handles as Nos. 11 and 12, but has for equipment one pair of 6-inch hoes only, the most useful of the cultivating attachments, and all that some onion growers and others want. Price: \$9.25.

## PLANET JR. No. 3 HILL AND DRILL SEEDER

No. 3 Planet Jr. Hill and Drill Seeder.



A FAVORITE among onion-growers, market gardeners. The hill dropping is simple and reliable, making hills either 4, 6, 8, 12 or 24 inches apart. 15-inch Steel Drive Wheel. Holds 3 Quarts of Seed. Weight packed, 44 lbs. Price: \$21.00.

## No. 17 PLANET JR. SINGLE WHEEL HOE



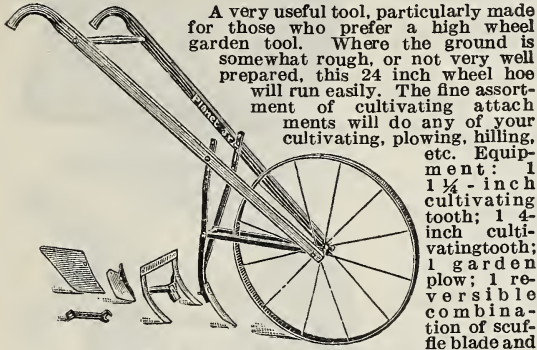
These Single Wheel Hoes have steel frames and 15-inch steel wheels. Price: \$9.00.



# GARDEN IMPLEMENTS

Give years of satisfactory service after moderate cost is forgotten. Cheapest in the long run.

## No. 119 GARDEN PLOW AND CULTIVATOR

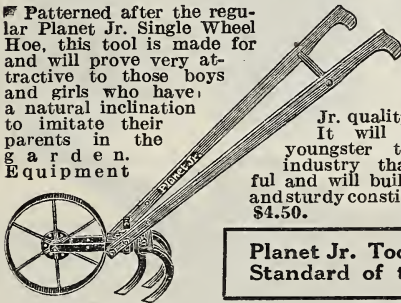


A very useful tool, particularly made for those who prefer a high wheel garden tool. Where the ground is somewhat rough, or not very well prepared, this 24 inch wheel hoe will run easily. The fine assortment of cultivating attachments will do any of your cultivating, plowing, hilling, etc. Equipment: 1 1 1/4 - inch cultivating tooth; 1 4 - inch cultivating tooth; 1 garden plow; 1 reversible combination of scuffle blade and

3 cultivating teeth. 24 inch steel wheel. Price: \$5.75.

## PLANET JR. JUVENILE WHEEL HOE

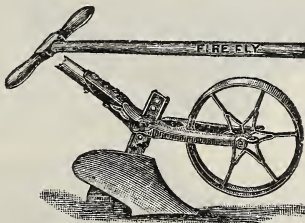
Patterned after the regular Planet Jr. Single Wheel Hoe, this tool is made for and will prove very attractive to those boys and girls who have a natural inclination to imitate their parents in the garden. Equipment



consists of 3 narrow cultivating teeth. Tool is made of the best material, and is up to Planet Jr. quality in every way. It will instill in the youngster that spirit of industry that is so useful and will build up healthy and sturdy constitutions. Price: \$4.50.

Planet Jr. Tools are the Standard of the World

## FIREFLY GARDEN PLOW



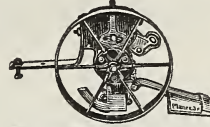
Exceedingly useful to owners of small gardens, throwing a furrow four to six inches wide and one to three inches deep. This tool will enable a busy man to do all his garden work in a few minutes. Fine for scratching up the chicken yard. Price: \$4.50.



## EXTRAS FOR PLANET JR. TOOLS

Plow for Single Wheel Hoe. Price, each.....\$1.50  
 S100/101 Hoes. Price: 7-inch Blade, pair..... 1.35  
 Rakes. Price: Each, 3 tooth, 75c; 5 tooth..... 1.00  
 Disc Hoes. Price, pair..... 3.50  
 Three-Prong Cultivator Teeth. Price: each..... 1.15  
 Cultivator Teeth. Price: each..... .40

## No. 35 PLANET JR. SEEDER ATTACHMENT For Wheel Hoes and Garden Plows

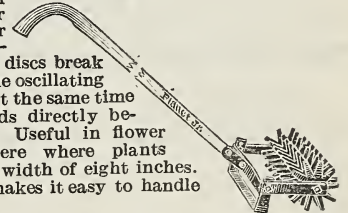


Ever since the wheel hoe in the kitchen garden there has been an insistent demand for a small seeder. The seeding attachment shown here can be attached to any Planet Jr. Single or Double Wheel Hoe or Garden Plow.

Remember this attachment does not replace our regular line of seeders—it is intended for the small kitchen garden where the rows are usually short—not large enough to warrant the purchase of a complete seeder. It is just as accurate as the larger models and change from one seed to another is made in a few minutes. Everyone raising his own table vegetables should have this attachment. Price: \$7.00.

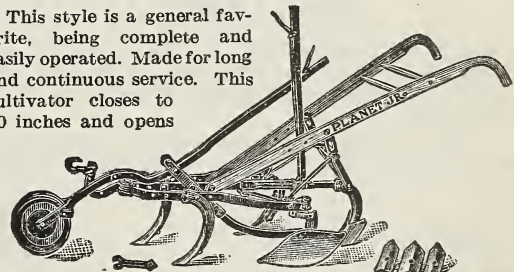
## STAR PULVERIZER, CULTIVATOR AND WEEDER

This new type of the Star Pulverizer has one row of star discs and an oscillating blade. The star discs break up the ground and the oscillating blade pulverizes it, at the same time cutting off the weeds directly beneath the surface. Useful in flower gardens or anywhere where plants are close. It cuts a width of eight inches. The curved handle makes it easy to handle. Price: \$7.00.



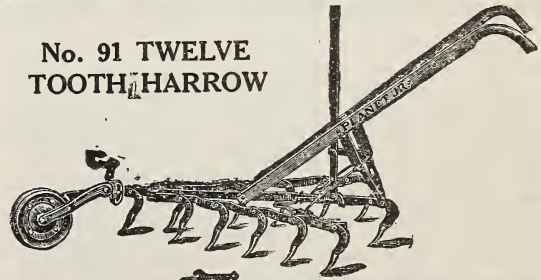
## No. 8 PLANET JR. HORSE HOE AND CULTIVATOR

This style is a general favorite, being complete and easily operated. Made for long and continuous service. This cultivator closes to 10 inches and opens



to 25 inches. The lever expander and depth regulator make this an easy tool to use. The teeth are made of bevel steel and hardened. Price: Complete, \$21.50.

## No. 91 TWELVE TOOTH HARROW



This twelve tooth Harrow gives excellent satisfaction. For farmers and gardeners it is unequalled for deep or close cultivation or when desired to work a crop thoroughly without hilling. For the strawberry grower it is invaluable. Price: \$16.50.

# LAWN MOWERS

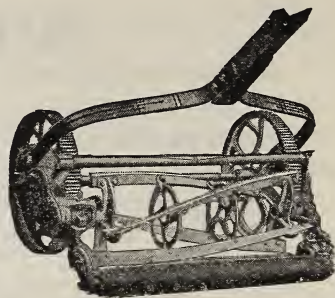
## “PHILADELPHIA” LAWN MOWER

STYLE A ALL STEEL.

Being all steel, it is practically indestructible. Excellent for large areas where a good mower is necessary.

Cylinder with 4 blades. Driving wheel, 10 inches. Diameter of cylinder, 6 $\frac{5}{8}$  inches. Train of 3 gears on one side. Double ratchet.

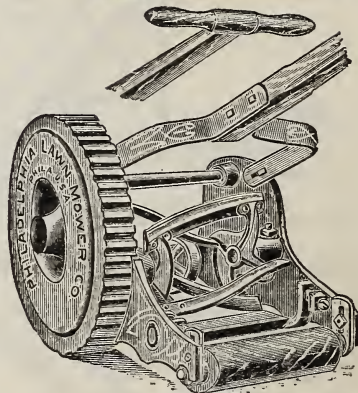
| Size          | Price   |
|---------------|---------|
| 17 inch ..... | \$27.50 |
| 19 inch ..... | 28.75   |



## LAWN TRIMMER

**LAWN TRIMMER**—Will cut smoothly to  $\frac{1}{4}$  inch of wall, making use of shears unnecessary. Built for durability and service. Cylinder with 4 blades. Driving wheel, 8 inches. Diameter of cylinder, 5 $\frac{1}{4}$  inches.

| Size         | Price  |
|--------------|--------|
| 6 inch ..... | \$8.50 |

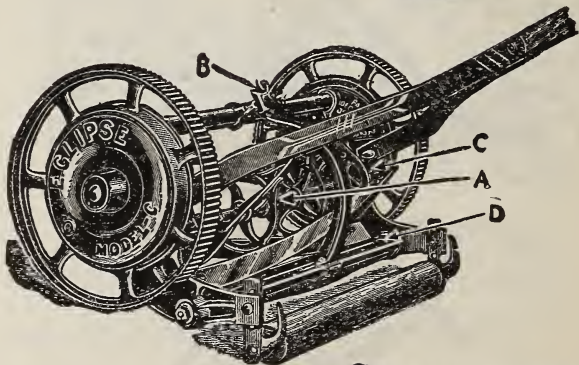


**GRASS CATCHER**—Heavy gauge galvanized wire frame, covered with extra quality 8-oz. green and white striped canvas sides and back. Price: each, 14 to 16 inch, \$1.50; 18 to 20 inch, \$2.00.

## THE ECLIPSE Self Sharpening LAWN MOWER

Direct drive from both sides. Made of the best materials. Any owner can sharpen this mower by reversing the blades. Cylinder with 4 blades. Driving wheels 10 inches. Patented bronze bearings.

| Size          | Price   |
|---------------|---------|
| 14 inch ..... | \$16.50 |
| 16 inch ..... | 18.00   |
| 18 inch ..... | 19.50   |



## THE LADY

Built of the same high grade material as the Eclipse. The reel is 6 inch, four blade controlled with ball ratchets and held in plain adjustable bearing. The drive wheels are 8 inches.

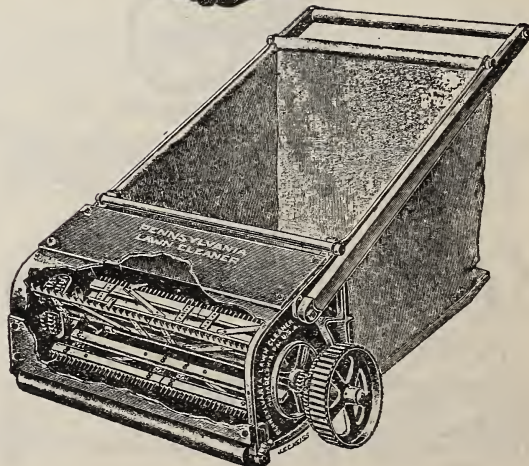
This is a very strong built mower that will give good service for many years, and yet is sold at a low price.

| Size          | Price   |
|---------------|---------|
| 14 inch ..... | \$ 9.00 |
| 16 inch ..... | 10.25   |
| 18 inch ..... | 11.75   |

## Pennsylvania Rotary Lawn Rake

This is virtually a revolving lawn comb, having flexible steel wire teeth which go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. It has a dumpable collecting box. This work is most effectually accomplished by the use of the Pennsylvania Gem Lawn Cleaner and Rake. One man can do more work than four with rakes. (See cut.)

Price: 24-inch machine .....

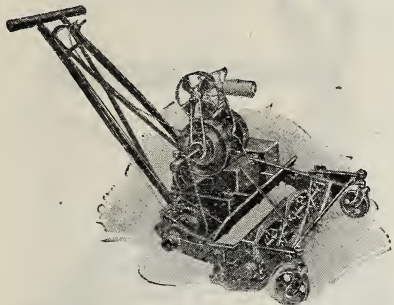


(Weight packed for shipment, 90 lbs.)

# THE MILBRADT POWER MOWER

MADE IN ST. LOUIS.

FULLY GUARANTEED.



The **MILBRADT MOWER** is a thoroughly practical machine designed especially for the small estate, country club and park—for every lawn that is half an acre and more in size. It is an **improved** mower that does all the work of a larger model, with none of the cumbersome operation and excessive expense that necessarily accompany a machine of greater size. Weight 160 lbs. Cuts 27-inch wide, four to six acres per day—gasoline consumption two to three quarts per day—so simple a 12-year old boy can run it. **Price: \$245.00.**

## RUBBER PLANT SPRINKLERS

**SCOLLY PLANT SPRINKLER**—Made of the best rubber. Used for spraying house plants, sprinkling clothes, etc. **Price: \$1.50.**  
**PUTTY BULB**—The best appliance for distributing putty. Used by a large number of leading florists. **Price: Each, \$1.50.**

## LAWN SPRINKLERS

**ELGIN SPRINKLERS**—Each year meets with a greater sale of these. Has iron stand which will slide over the grass. Nothing to get out of order. **Price: 75c.**  
**SAUCER SPRINKLER**—An all brass sprinkler with iron base. **Price: 75c.**

## LAWN AND GARDEN HOSE

We make a specialty of the very best lawn and garden hose. We do not handle a wrapped hose; only the best moulded hose is worth buying. The moulded hose will last for years after cheap wrapped hose is worn out. **Price: ½-inch, 13c foot; ¾-inch, 16c foot.**

## HOSE MENDERS

**"PERFECT CLINCHING" HOSE MENDER**—The best mender on the market. Easy to put on and no danger of leaking. **Price: ½-inch ¾-inch and ¾-inch, 10c each; \$1.00 per dozen.**  
**"PERFECT CLINCHING" HOSE COUPLING**—A self-fastening coupling that does not require extra bands, bolts or wires. **Price: ½-inch, ¾-inch and ¾-inch, 25c each.**

**RUBBER HOSE WASHERS**—**Price: ¾-inch, dozen, 5c; 1-inch, dozen 10c.**

## CEDAR TREE TUBS

**MADE** of the very choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress tubs.

| No. | Diam. | Height. | Price  | No. | Diam. | Height. | Price  |
|-----|-------|---------|--------|-----|-------|---------|--------|
|     | In.   | In.     |        |     | In.   | In.     |        |
| 1.  | 12    | 10½     | \$2.50 | 3½  | 16½   | 15¾     | \$4.90 |
| 2.  | 13    | 13      | 2.35   | 4.  | 19½   | 17      | 5.50   |
| 3.  | 14½   | 15      | 4.00   |     |       |         |        |

## RICHMOND STYLE TREE TUBS

**THESE** Tree Tubbs are made of the same selected Virginia White Cedar, bound with flat steel hoops.

| No.     | Top Diam. | Depth  | Price  | No.     | Top Diam. | Depth   | Price  |
|---------|-----------|--------|--------|---------|-----------|---------|--------|
| 4B..... | 9 inch    | 9 inch | \$1.00 | 6B..... | 11 inch   | 10 inch | \$1.50 |
| 5B..... | 10 inch   | 9 inch | 1.10   | 7B..... | 12 inch   | 11 inch | 1.75   |

## PLANT STAKES AND POT LABELS

### Natural Cane Stakes.

|             |        |               |              |        |               |
|-------------|--------|---------------|--------------|--------|---------------|
| 6 ft., doz. | \$0.20 | 100. . \$1.50 | 10 ft., doz. | \$0.50 | 100. . \$4.00 |
| 8 ft., doz. | .35    | 100. . 2.50   |              |        |               |

### PLANT STAKES—Bamboo.

#### Painted Green.

|              |        |               |             |        |               |
|--------------|--------|---------------|-------------|--------|---------------|
| 1 ft., doz.  | \$0.10 | 100. . \$0.75 | 3 ft., doz. | \$0.18 | 100. . \$1.25 |
| 1½ ft., doz. | .10    | 100. . .85    | 4 ft., doz. | .20    | 100. . . 1.50 |
| 2 ft., doz.  | .15    | 100. . 1.00   | 5 ft., doz. | .25    | 100. . . 2.00 |

### Dahlia Poles, Painted Green.

|             |        |                |             |        |                |
|-------------|--------|----------------|-------------|--------|----------------|
| 5 ft., doz. | \$1.40 | 100. . \$11.00 | 6 ft., doz. | \$1.50 | 100. . \$12.00 |
|-------------|--------|----------------|-------------|--------|----------------|

### POT LABELS

|             | Per 100 | Per 1000 |              | Per 100 | Per 1000 |
|-------------|---------|----------|--------------|---------|----------|
| 4 inch..... | \$0.30  | \$2.00   | 8 inch.....  | \$0.55  | \$4.50   |
| 5 inch..... | .40     | 2.50     | 12 inch..... | 1.50    |          |
| 6 inch..... | .50     | 3.00     |              |         |          |

### WIRED TREE LABELS.

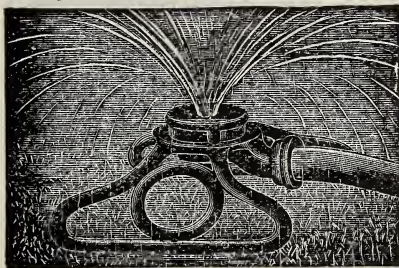
|                    |            |                        |        |
|--------------------|------------|------------------------|--------|
| 3½x½-in., per 1000 | ... \$3.25 | 5x1½-in., pkg. of 200, | \$1.50 |
|--------------------|------------|------------------------|--------|



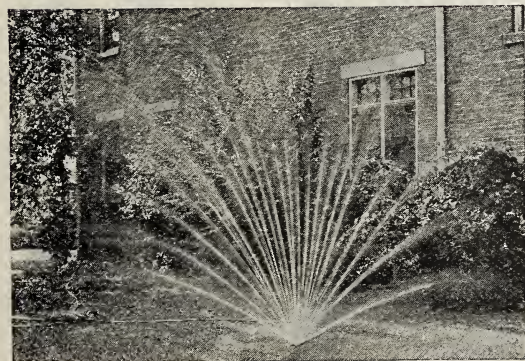
Plant Sprinklers



Cedar-Tree Tubbs



Elgin Sprinkler



Saucer Sprinkler.

## GARDEN IMPLEMENTS

FOR the gardener, the proper tools are just as essential for the performance of their works as for any man.

On this and the following pages are listed tools of every description that will aid in better gardening. They are not novelties or playthings but real factors in the production of the best that is to be had from your work in the garden.

**ACME WEEDER OR HAND CULTIVATOR**—Combination hoe and cultivator combined. Made of solid steel. **Price; Each, \$1.25.**

**ASPARAGUS KNIFE**—Highest grade crucible steel, highly polished blade, 7¼ inches long. 1¼-inch blade, fastened by two rivets in highly polished hardwood handle. **Price; Each, 50c.**

**BEEET HOE**—A handy little tool for gardeners to thin out lettuce, beets and other small vegetables. 8-inch handle. **Price; Each, 50c.**

**EDGER PLANET JR.**—To keep grounds looking neat and attractive, the grass bordering all walks must be frequently edged and this will do the work quickly and with little effort, no matter if the walks are straight or curved. **Price; \$2.00.**

**GARDEN TROWEL**—4-inch, riveted handle. **Price; Each, 20c.**

**E. Z. HAND WEEDER**—(See cut.) **Price; Each, Style A, 25c.**

**EXCELSIOR HAND WEEDER**—For weeding seed beds, stirring soil in hotbeds, etc. **Price; Each, 15c.**

**FRUIT PICKERS**—Attach to pole of any desired length. Saves all climbing, especially on young trees. **Price; Each, 60c.**

**GARDEN DIBBLE**—All iron; is used for transplanting small plants. Has polished steel point. **Price; Each, 35c; D Handle, 50c.**

**GARDEN SET**—Three Pieces; Shovel, 6x4¾-inch blade, 42-inch handle; Hoe, 4x3½-inch blade, 48-inch handle; Rake, 5¾-inch head with six 2½-inch bent teeth. **Price; \$1.50 per Set.**

**GARDEN HOE**—Highest grade crucible forged steel, oil tempered polished blade **Price; \$1.00.**

**GARDEN RAKE**—All steel, with short teeth, for walks and driveways. **Price; 16 teeth, each, \$1.50.**

**MOLE TRAP**—Is designed particularly for trapping Ground Moles. This trap is of a type in which a spring actuated member provided with sharp-pointed prongs is reciprocatingly mounted on a stationary frame or supporting structure and is held in an elevated position by a latch or trigger mechanism that is adapted to be tripped by a mole traveling through a furrow in the ground at a point where the trap is located. **Price; Each, \$2.00.**

**HAND SPADING FORK**—These forks are well made, the tines are polished about half-way and adjoining part enameled blue 11-inch, 40c.

**HEDGE SHEARS**—8-inch, with notch. The "notch" is at the heel of the blades, for cutting small branches. **Price; \$2.50; 6-inch, \$1.75.**

**LANG'S HAND WEEDER**—In our opinion this is the best of all weeders. **Price; Each, 25c.**

**LAWN RAKE, OLE OLSON**—The wooden teeth in this rake are mortised through the head and clinched in a way that holds them absolutely tight and rigid. **Price; 26 teeth, each, \$1.75.**

### RAFFIA

We will furnish you the finest quality of Raffia on the market in different colors. The natural Raffia is also used for tying up plants in field or greenhouse. **Price; Natural, lb., 30c; skein, 10c; colored, skein, 15c; 1 lb. pkg., \$1.25. Postage extra.**

### REED

USED for basket making, lattice work, etc. We carry all sizes adapted for schools, homes, etc.

|            |        |        |            |        |        |
|------------|--------|--------|------------|--------|--------|
| No. 1..... | 1 roll | 1 lb.  | No. 4..... | 1 roll | 1 lb.  |
| No. 2..... | \$.05  | \$1.15 | No. 5..... | \$.05  | \$1.00 |
| No. 3..... | .15    | 1.10   | No. 6..... | .15    | .95    |
|            |        | 1.05   |            |        | .90    |

By Mail, add Postage 10c per lb.



Asparagus Knife.



Acme Weeder or Hand Cultivator



Fruit Picker



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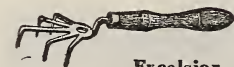
Garden Rake.



Beet Hoe



Lang's Weeder



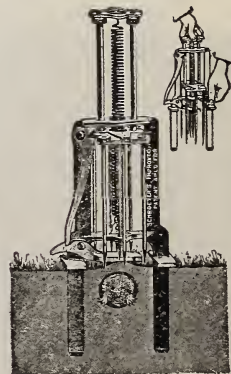
Excelsior Hand Weeder



Garden Trowels

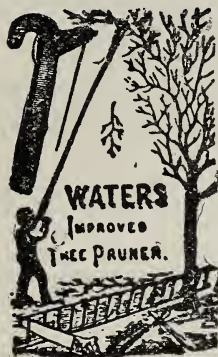


Garden Dibble



Mole Trap

## GARDEN IMPLEMENTS—Continued



**PRUNING SAW**—Highest grade crucible steel, polished and etched blade with adjustable cherry-wood handle. 14-inch blade. Price: \$1.25.

**PRUNING SHEARS**—Very strong steel blades and good spring. Price: Each, No. 30, \$1.25; No. 110, \$2.00.

**POTATO HOOK**—Highest grade crucible forged steel tumbled finished prongs, oil tempered and carefully tested; bent head. Price: Each, \$1.25.

**SPADING FORK**—Four flat diamond back tumbled finished tines, 6¼ inches long; spread (extreme width), 6 inches; malleable D handle, with wood grip. Price: Each, \$1.50.

**SPAGNUM MOSS**—Extensively used for filling Fern and Orchid baskets, mixing with potting soil, covering tops of pots to preserve moisture, etc. Price: lb., 10c; bale, about 20 lbs., \$2.00.

**SHOVEL**—A handy tool for the garden. Price: \$1.75.

**STEEL GRASS SHEARS**—For trimming edges on walks or borders. The best made. Price: Each, 75c.

**THE PULL EASY** is the best cultivator for the army of early risers, who faithfully tend a little patch of green things in the back yard. Every part is of the best material; the teeth are drop-forged steel, set in an indestructible plate. The handle is perfectly smooth, of straight-grained, tough white ash. Price: Each, \$1.75.

**TRANSPLANTING TROWEL**—Made of the same material as the above. Price: 5-inch, 20c; 7-inch, 30c.

**TURF EDGER**—9-inch crucible steel polished blade, tempered and sharpened; gold bronzed solid steel socket; blade and socket in one piece; 4-foot selected ash handle. Price: Each, \$1.25.

**TREE PRUNERS, WATER'S**—The best pruner on the market. Price: 8 ft., \$2.50; 10 ft., \$2.75; 12 ft., \$3.00. Extra Blades, each, 50c.

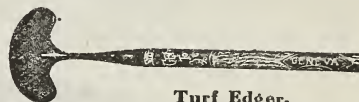
**"McKENNEY" TREE PRUNERS**  
The No. 0 is a one-hand pruner having compound leverage and two cutting blades. The blades are drop forged from tool steel and carrying a long wearing edge, the handles being smooth and round and easy on the hand. The spring used is quick acting. Pruner is designed so that it may be used to advantage in very thick shrubbery. Cuts limbs ½ inch in diameter. Length, 15 inches. Price: \$4.00.

Number 1 cuts limbs 1 inch in diameter easy and perfect. It is the lightest Pruner on the market for the size that it cuts. It has two cutting blades, drop forged from tool steel. The handles are of steel and the hand grip designed so that it may be carried on the belt. Length, 23 inches. Price: \$4.50.

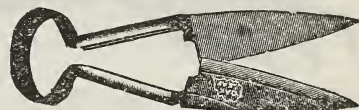
Number 2 cuts limbs 1½ inches in diameter easy and perfect. It has two cutting blades, drop forged from tool steel, and with the patented leverage is the most powerful pruner built. Price: \$6.50.



Rake.



Turf Edger.



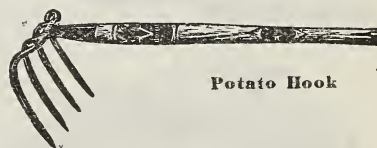
Steel Grass Shears.



Hedge Shears.



Pruning Shears.



Potato Hook



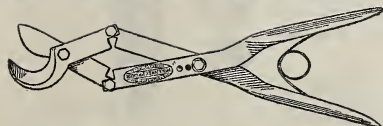
Transplanting Trowel.



Pruning Saw.



Spading Fork.



McKenney's Pruner.



Planet Jr.

# MOE'S ALL STEEL GARDEN TOOLS

MADE of heavy pressed steel, all one piece, and practically indestructible. No loose wood handles, and nothing to break. The handles are formed round and smooth, no rough edges and are just the right size and shape to afford easy grip. They have the proper hang or balance, are stiff and strong, without unnecessary weight. High grade durable tools. Handsomely finished in baked black enamel, with ground and polished points.



No. 87—Hand Weeder

No. 80—Garden Trowel. One-piece pressed steel. Handsomely finished in black baked enamel. Length of blade, 6 inches. Ground and polished points. Shipping weight, 1 lb. **Price: Each, \$0.25.**

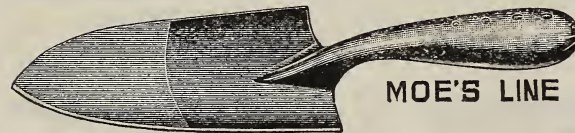
No. 81—Transplanting Trowel. One-piece pressed steel. Handsomely finished in black and baked enamel. Length of blade, 6 inches. Width, 1 1/4 inches. **Price, each \$0.25.**

No. 82—Garden Weeder. One-piece pressed steel. Handsomely finished in black baked enamel. Has five steel fingers, and is one of the most useful and handiest garden tools made. Ground and polished points. **Price: Each, \$0.25.**

No. 85—Garden Trowel. Made of a single piece of heavy galvanized steel. Handle and blade all in one piece. No wood handles to break or come off. An excellent tool at a low price. **Price: Each, \$0.10.**



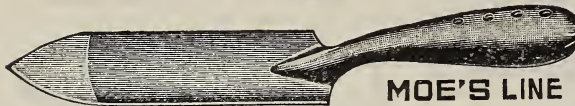
No. 82—Garden Weeder.



No. 80—Garden Trowel.

No. 87—Hand Weeder. Made of one piece of hard, stiff steel. Ground edges and black enameled handle. Shipping weight, 1 lb. **Price: Each, 20c.**

No. 88—Dandelion Weeder. Made of one piece of hard, stiff steel. Ground point and black enameled handle. Shipping weight, 1 lb. **Price: Each, 25c.**



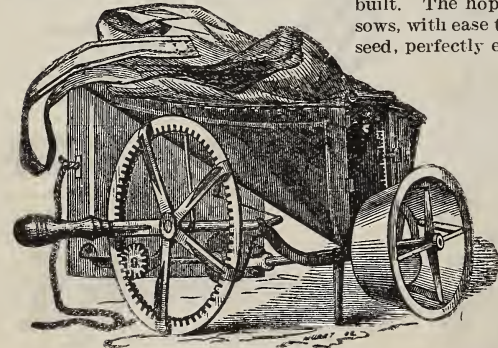
No. 81—Transplanting Trowel.

**CORN PLANTER**—The Eclipse Rotary has positive feed. Four changes of disc (one disc for seed or broom corn). No planter is complete without wheel to drop one grain to replant drilled corn. **Price: Each, \$2.50.**

## CYCLONE SEED SOWERS



The material used in the construction of the Cyclone is of the best throughout. The machine is practically and mechanically built. The hopper or sack has a capacity of 1/2 bushel. It sows, with ease to the operator, all varieties of grain and grass seed, perfectly even. **Price: \$2.00; \$2.15 postpaid.**



Caheon Seeder.

## LIGHTNING TIN HORN SEED SOWER

Has long tin sectional tube, having sack attached; also has adjustable feed for different grains and quantities. Suitable for small seeds only. Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left, which closely resembles the old method by hand. **Price: \$1.00; \$1.10 postpaid.**



Corn Planter

## CAHOON'S BROADCAST SOWER

For sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, etc. Standard Seeder of the World—A Model for Accuracy and Durability—Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

The breadth of the cast will be according to the weight of the seed. Wheat and Rye, 30 to 36 feet. Oats, 21 to 25 feet. Barley, 27 to 33. Clover, Millet, Hungarian Seed, 20 to 24 feet. Hemp, 27 to 30 feet. Timothy, 15 to 18 feet. **Price: \$4.00; \$4.25 postpaid.**



TO THE HOME OF  
"PURE AND SURE SEEDS"

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# ST. LOUIS SEED CO.

411-413 Washington Ave.

ST. LOUIS, MO.







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## FLOWERS

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## ST. LOUIS SEED COMPANY'S CALENDAR FOR SEED PLANTERS IN THE LATITUDE OF ST. LOUIS

**JANUARY**—Sow in Hot-Bed — Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Early Lettuce, Early Onions, Radish.

**FEBRUARY**—Sow in Hot-Bed—Early Beet, Broccoli, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato.

**MARCH**—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Kohl Rabi, Lettuce, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs. Sow in Open Ground—Beans, Beets, Cabbage, Cauliflower, Celery, Carrot, Cress, Leek, Lettuce, Onion, Parsnip, Peas, Potatoes, Radish, Spinach, Early Turnip, Onion Sets.

**APRIL**—Sow in Hot-Bed—Cucumber, Egg Plant, Melon, Pepper, Tomato. Sow in Open Ground—Asparagus, Beans, Beets, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cucumber, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melons, Onions, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Tomato, Turnip, Sage, Herbs, Onion Sets.

**MAY**—Sow in Open Ground—English Beans, Pole Beans, Bush Beans, Beets, Brussels Sprouts, Cabbage, Carrot, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melon, Okra, Onion,

Parsley, Parsnip, Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Tomato, Turnip, Herbs.

**JUNE**—Sow in Open Ground—Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Lettuce, Melon, Okra, Peas, Potatoes, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

**JULY**—Sow in Open Ground—Bush Beans, Beet Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl Rabi, Lettuce, Okra, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

**AUGUST**—Sow in Open Ground—Bush Beans, Corn, Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spinach, Squash, Turnip. Plant—Winter Onions.

**SEPTEMBER**—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Winter Radish, Spinach Turnip. Plant—Winter Onions. Write for St. L. S. Co.'s Bulb Catalogue.

**OCTOBER**—Sow in open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Spinach. Plant—Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

**NOVEMBER**—Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

## SEED TABLES

|                                      | Weight per Bus. | Quantity to Sow 1 Acre |
|--------------------------------------|-----------------|------------------------|
| Alfalfa or Lucerne.....              | 60 lbs.         | 20 to 25 lbs.          |
| Alsike or Swedish.....               | 60              | 8 to 10                |
| Bokhara.....                         | 60              | 8 to 10                |
| Crimson or Scarlet.....              | 60              | 10 to 15               |
| Mammoth or Sapling.....              | 60              | 8 to 10                |
| Red.....                             | 60              | 6 to 8                 |
| White.....                           | 60              | 3 to 5                 |
| Cat-Tail (Pearl).....                | 50              | 8 to 10                |
| Common.....                          | 50              | 25 to 35               |
| German or Golden.....                | 50              | 25 to 35               |
| Siberian.....                        | 50              | 6 to 8                 |
| Hungarian.....                       | 48              | 25 to 35               |
| Awnless Brome.....                   | 14              | 28 to 42               |
| Bermuda.....                         | 40              | 2 to 3                 |
| Creeping Bent.....                   | 14              | 15 to 20               |
| English Perennial Rye.....           | 20              | 30 to 40               |
| English Blue.....                    | 14              | 20 to 30               |
| Italian Rye.....                     | 20              | 30 to 40               |
| Johnson.....                         | 25              | 25 to 30               |
| Kentucky Blue for Pasture.....       | 14              | 20 to 25               |
| Kentucky Blue for Lawns.....         | 14              | 40 to 50               |
| Meadow Fescue.....                   | 14              | 20 to 30               |
| Orchard.....                         | 14              | 12 to 15               |
| Red Top—in chaff.....                | 14              | 15 to 20               |
| Red Top—solid seed.....              |                 | 6 to 10                |
| Fescue.....                          | 14              | 20 to 30               |
| Tall Meadow Oat.....                 | 12              | 20 to 30               |
| Timothy.....                         | 45              | 10 to 12               |
| Mixture for Pastures.....            | 14              | 30 to 40               |
| P. S. Co.'s "HAVALAWN" Grass Seed 14 |                 | 40 to 50               |

|                               | Weight per Bus. | Quantity to Sow 1 Acre |
|-------------------------------|-----------------|------------------------|
| Barley.....                   | 48 lbs.         | 1 ½ to 1 ½ bus.        |
| Beans—Navy.....               | 60              | 1 ½ to 2 bus.          |
| Beans—Field.....              | 60              | 1 ½ to 2 bus.          |
| Beans—Soja.....               | 60              | 20 to 30 lbs.          |
| Broom Corn Seed.....          | 48              | 2 to 4 qts.            |
| Buckwheat.....                | 52              | 1 to 1 ½ bus.          |
| Cane Seed—for Sugar.....      | 50              | 4 to 8 lbs.            |
| Cane Seed—for fodder.....     | 50              | 30 to 50 lbs.          |
| Castor Beans.....             | 46              | 4 to 5 lbs.            |
| Corn—Field.....               | 56              | 4 to 5 qts.            |
| Corn Fodder, broadcast.....   | 56              | 2 bus.                 |
| Corn Fodder, drilled.....     | 56              | 1 bu.                  |
| Corn, Pop—shelled.....        | 60              | 2 to 4 qts.            |
| Cow Peas.....                 | 60              | 1 ½ to 2 bus.          |
| Flax.....                     | 56              | 1 to 1 ½ bus.          |
| Hemp.....                     | 44              |                        |
| Kaffir Corn—in drills.....    | 50              | 3 to 5 lbs.            |
| Kaffir Corn—broadcast.....    | 50              | ½ to 1 bu.             |
| Oats.....                     | 32              | 1 ½ to 2 bus.          |
| Peas—Field.....               | 60              | 1 ½ to 2 bus.          |
| Peanuts.....                  | 22              | 2 bus. in pods         |
| Pumpkin, Common Field.....    | 30              | 2 to 3 qts.            |
| Rape, Dwarf Essex.....        | 50              | 5 to 8 lbs.            |
| Rye.....                      | 56              | 1 to 1 ½ bus.          |
| Sunflower.....                | 22              | 2 to 3 lbs.            |
| Teosinte.....                 |                 | 4 to 6 lbs.            |
| Wheat—Spring or Winter.....   | 60              | 1 ½ to 1 ½ bus.        |
| Vetches—Spring or Winter..... | 50              | 1 to 1 ½ bus.          |

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