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14th ANNUAL CATALOGUE
1913

REICHARDT & SCHULTE CO. INC.

GARDEN
FIELD AND
FLOWER
SEEDS

SEEDS OF QUALITY
GARDEN
IMPLEMENTS
INSECT
DESTROYERS



POULTRY
AND
STOCK
SUPPLIES
FERTILIZERS

TELEPHONES { SOUTHWESTERN.
PRESTON 686.
AUTOMATIC, 1686.

THE TEXAS SEED HOUSE, 206-208 MILAM ST.,
HOUSTON, TEXAS.

Reichardt & Schulte Co. Inc.

The Texas Seed House, Houston, 206-208 Milam St.

TO OUR FRIENDS AND CUSTOMERS

It is with pleasure that we present herewith again our annual "Silent Salesman" and wish to express our thanks for the again increased confidence in us, and it shall be our aim to justify this confidence more and more every year. Perhaps it has called on you before—then it is an old acquaintance which you will be glad to see in a new dress. Perhaps it is the first time that this book falls into your hands—then we ask your patience. Look over this catalogue carefully, and note the completeness of our line. Read our descriptions carefully and note our offers.

Our constant aim is to make the highest quality the first consideration, and next to put our prices as low as good seed can be sold. Good, reliable seed is the foundation of the grower's success, while seeds of inferior quality are bound to prove crop failures, and time and labor are wasted. To prevent such loss, it must be of interest to every farmer or truck gardener to secure seeds that he knows will germinate. The only way of doing this is to purchase only from the most reliable seed house, the house that has made its reputation by years of honest efforts.

The seeds we offer are dependable, of high grade and true to name, and stand high in the esteem of our critical planters throughout the country. We have endeavored to not exaggerate but to set forth in plain words descriptions that will describe and not mislead; illustrations that will truthfully convey to the mind the object shown. Should you want any articles not listed in this catalogue, we will be pleased to have your inquiries and will give them prompt attention.

In revising this Guide Book we have endeavored to offer everything of merit that is best adapted for the South and have eliminated such varieties as experience and repeated tests have shown to possess little or no value, and have added thereto other varieties which have shown especial merit to the Gulf Coast Region.

IMPORTANT SUGGESTIONS

HOW TO ORDER—Please be careful to write your name and address distinctly and in full, using the order sheet and envelope inserted in this Catalogue, and no matter how often you write, BE SURE to sign your name, giving your Town, State, County, and Rural Free Delivery Route, if any.

HOW TO SEND MONEY—Cash should always accompany the order. Remittances may be made at our risk by any of the following methods: (1st, and best) Postoffice order; (2) Draft on New York; (3) Express Company's money order; (4) Registered letter; (5) when personal checks are sent, 10 cents must be added for exchange. (We also accept clean stamps in small amounts same as cash, at your risk.)

REFERENCES—As to our financial responsibility, we refer you to any bank or banker who is a subscriber to the commercial agencies.

PROMPT SHIPMENTS—We are prepared to fill, in nearly every case, all orders promptly and correctly the day they are received.

SENDING SEEDS BY MAIL is both a specialty and very important branch of our business.

ERRORS—Should one occur, we desire to be promptly advised and will take pleasure in making satisfactory correction.

PRICES are net. Houston, express, or freight depots, and are subject to change at any time, but will not be advanced unless absolutely necessary.

LARGE ORDERS—Any Dealer, Market-Gardener, Institution or any individual, wishing seeds in large quantities, is requested to mail us a list of what they want and we will promptly return it to you with the very lowest prices marked. A LETTER OF INQUIRY MAY SAVE YOU DOLLARS if you want to buy in quantity.

GUARANTEE—Complaints made that seeds are not good, should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear, wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. Soil preparation for the reception of seed is very important; if not properly done seed with very high germination is bound to perish. For all these reasons it is impossible to guarantee seeds under all circumstances, and, WHILE WE EXERCISE GREAT CARE TO HAVE ALL SEEDS PURE AND RELIABLE, we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs, or Plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. WE TEST ALL OUR SEEDS BEFORE SENDING THEM TO OUR CUSTOMERS, and should they fail to grow, if promptly and properly tested by the customer, will replace the same amount or give value in others. We cannot afford knowingly to send out seeds doubtful as to vitality or purity, and you cannot buy better stocks of any other seedsman.

Growers and Importers of Seeds and Bulbs

Dealers in Fertilizers, Implements, Poultry and Stock Supplies, Incubators
Insecticides and Fungicides

Reichardt's Prize Head Cabbage

This new Cabbage is unrivalled as the most equally maturing of the ball-shaped varieties in existence. The heads are of large size, weighing about eight pounds each, all maturing at the same time, and are extremely early for so early a variety of exceptionally large size; ripens with Early Jersey Wakefield. The plant is of vigorous habit, but compact, with short stem and few outer leaves, which are light green, rather small and nearly round. The comparatively thick leaves are smooth and tightly folded. It is unsurpassed in earliness, uniformity of head and compact growth, and all these properties combined, besides excellent quality, make it the most valuable one for market gardening trade.

We Will Pay \$10 in Cash

FOR THE FIVE BEST HEADS OF CABBAGE GROWN IN OUR BIG PRIZE CONTEST

For the encouragement of Southern Truck Growers, and to introduce OUR SUPERB NEW CABBAGE, which has created quite a sensation, we have decided to offer

\$50 IN CASH PRIZES

For the best and earliest specimens of Cabbage grown from our Reichardt's Prize Head Seed. Prizes to be distributed as follows:

FIRST PRIZE—\$10.00 IN CASH

For the First Five Heads of Reichardt's Prize Head Cabbage delivered at our office and raised by one party only.

THIRD PRIZE—\$10.00 IN CASH

For the Five Most Perfect Shaped Heads of Reichardt's Prize Head Cabbage raised by one party and delivered at our office between the 15th and 20th of April, 1913.

FOURTH PRIZE—\$10.00 IN CASH

For the Five Most Perfect Shaped Heads of Reichardt's Prize Head Cabbage raised by one party and delivered at our office between the 25th and 30th of April, 1913.

SECOND PRIZE—\$10.00 IN CASH

For the Next Earliest Five Heads of Reichardt's Prize Head Cabbage delivered at our office and raised by one party only.

FIFTH PRIZE—\$10.00 IN CASH

For the Five Most Perfect Shaped Heads of Reichardt's Prize Head Cabbage raised by one party and delivered at our office between the 1st and 7th of May, 1913.

Conditions Governing the Contest

Not more than one prize will be awarded to one party.

The seed of this cabbage will not be sold in less quantities than one-quarter pound. Seed can only be purchased from us.

Each purchaser will receive a numbered receipt which will entitle him to participate in the contest.

We make no condition as to location—anyone is eligible to compete.

The prize-winning cabbage will be reserved by us for display purposes.

All contestants must send their specimens by express, charges prepaid.

After the prizes are awarded the specimens of the contestants not winning will be sold and the amount realized will be credited to each contestant. A credit slip for that amount will be mailed to him, for which he may either obtain the cash or merchandise from us, or we will apply it on subscription to Texas Farm and Fireside, as he may prefer.

That no question can arise as to the fairness with which this contest will be conducted, we have arranged with:

Mr. Sam H. Dixon, editor of the Texas Farm and Fireside;

Mr. J. W. Carson, director of the Harris County Demonstration Farm; and

Prof. B. F. Whiteside, United States and County Farm Demonstrator, to act as judges to consider the specimens submitted and to make the awards.

We want every one to try for one of these cash prizes.

Write us today for our free catalogue and let us recommend the best varieties of seed for your locality.

We carry only the best seeds of proven productive qualities, and at prices that are right.

It would be to your own interest to purchase your seed from us regardless of the contest.

PRICE REICHARDT'S PRIZE HEAD CABBAGE—1-4 lb., \$1.75; 1-2 lb., \$3.25; 1 lb., \$6.50.

Reichardt & Schulte Co., Inc.

206-208 MILAM ST.

"THE TEXAS SEED HOUSE"

HOUSTON, TEXAS

MONTHLY TABLE FOR SOWING VEGETABLE SEEDS

Compiled and Adapted for Climatic Conditions of South Texas and Gulf Coast Region.

JANUARY.

Sow Spinach, Collards, Radish, Mustard, Carrots, Beets, Leeks, Turnips, Lettuce, Endive, Cabbage, Broccoli, Kohl Rabi. Sow Early Cauliflower in a frame, Cress, Chervil, Parsley and Celery, Peas, Irish Potatoes and all kinds of Herb Seeds; sow Cucumbers, Egg Plants, Pepper, Tomatoes and Melons in hotbeds for transplanting.

FEBRUARY.

Sow Spinach, Rhubarb, Endive, Onion, Salsify, Collards, Cauliflower, Kale, Mustard, Carrots, Beets, Leeks, Radishes, Turnips, Swiss Chard, Kohl Rabi, Lettuce, Cabbage, Parsley, Cress, Celery, Peas, Irish Potatoes, Herb Seeds. Plant Asparagus Roots, Beans, Corn. Sow Cucumbers, Squash, Melons, Cuslaw, Pumpkins, Egg Plant, Tomato, Pepper in hotbeds for transplanting. End of this month Sweet Potatoes can be planted for slips.

MARCH.

Sow Beets, Cabbage, Onions, Endive, Salsify, Turnips, Pumpkins, Parsnips, Collards, Cauliflower, Kohl Rabi, Kale, Radishes, Lettuce, Spinach, Carrots, Mustard, Swiss Chard, Leeks, Celery, Parsley, Cress, Chervil, Lettuce. Plant Bush and Pole Beans, Endive, Squash, Cucumbers, Melons, Okra, Bush and Pole Peas. Tomatoes, Egg Plants and Peppers can be sown in the open ground. Plant Corn, Irish and Sweet Potatoes.

APRIL.

Sow Bush and Pole Beans, Corn, Cucumbers, Squash, Melons, Okra, Beets, Carrots, Swiss Chard, Radishes, Peas, Onions, Turnips, Salsify, Cabbage, Parsnips, Collards, Kale, Spinach, Lettuce, Mustard, Endive, Cress, Parsley, Pumpkins, Celery, Tomatoes, Egg Plants, Pepper, Kohl Rabi, Cauliflower, Corn.

MAY.

Sow June Corn, Melons, Squash, Cucumbers, Egg Plants, Peas, Turnips, Salsify, Parsnip, Kale, Cabbage, Mustard, Spinach, Tomatoes, Peppers, Okra, Bush and Pole Beans, Pumpkins, Radishes, Endive, Lettuce. Celery for bleaching can be sown now, but requires plenty of water if the weather is dry. Set out Sweet Potato Slips.

JUNE.

Sow Water and Musk Melons, Cucumbers, Squash, Okra, Pumpkins, Bush and Pole Beans, Radishes, Lettuce, Celery, Turnips, Mustard, Peas, Endive, Cauliflower, Tomatoes, Egg Plants and Sweet Pepper for a fall

crop. Large Adams' Corn, if planted now, will make a successful late crop for market; also June Corn.

JULY.

Plant Pole and Bush Beans. Sow Tomatoes, Corn, Cucumbers, Cauliflower, Endive, Lettuce, Radishes, Turnips, Rutabagas, Cabbage of all kinds, Kohl Rabi, Parsley, Mustard, Beets and Celery. June Corn.

AUGUST.

Plant Bush and Pole Beans Peas, Cabbage, Turnips, Cucumbers, Carrots, Broccoli, Brussels Sprouts, Kale, Cauliflower, Parsley, Lettuce, Chervil, Radishes, Mustard, Cress, Beets, Carrots, Celery, Spinach. Set out Shallots and Onion Sets; also Irish Seed Potatoes. June Corn.

SEPTEMBER.

Plant Extra Early Peas. Sow Radishes, Carrots, Beets, Beans, Parsley, Mustard, Celery, Corn Salad, Kohl Rabi, Leeks, Lettuce, Endive, Turnips, Parsnips, Salsify, Irish Potatoes, Broccoli, Cauliflower, Spinach, Parsley, Cabbage. Sow Creole and Bermuda Onion Seeds. Set out Shallots and sow Turnip Rooted Celery and Salsify. Plant Onion Sets and Cabbage plants, also Asparagus and Horseradish Roots.

OCTOBER.

Sow Onion Seeds of all kinds, Cabbage, Cauliflower, Broccoli, Kale, Leeks, Spinach, Mustard, Swiss Chard Carrots, Beets, Bush Beans, Corn Salad, Brussels Sprouts, Collards, Kohl Rabi, Chervil, Radishes, Lettuce, Endive, Parsnip, Salsify, Peas. Set out Shallots, Strawberry Plants. Asparagus Roots, also Horseradish Sets and Onion Sets. Rhubarb and Turnips.

NOVEMBER.

Sow Spinach, Corn Salad, Radishes, Lettuce, Mustard, Parsley, Chervil, Carrots, Salsify, Parsnips, Onions, Collards, Celery, Cress, Endive, Cabbage, Peas, Beans, Leeks, Turnips. Set out Shallots, Strawberry Plants and Onion Sets. Cabbage Plants, Beets, Asparagus, Horseradish, Rhubarb Roots.

DECEMBER.

Plant Peas for general crop. Sow Spinach, Radishes, Carrots, Lettuce, Endive, Cabbage, Beets, Turnips, Mustard, Leeks. Sow Cauliflower in a frame for a late Spring crop. Sow Tomatoes, Egg Plants and Sweet Pepper in hotbeds for early plants.

MONTHLY TABLE FOR SOWING FIELD SEEDS

JANUARY.

Plant Potatoes, Green Mountain and Bliss Triumph, and other second early varieties may be planted after the first. Texas Red Rust Proof Oats may be sown. Field Corn, Rape and Winter Vetch, Stock Turnips and Stock Beets, Alfalfa and Clover.

FEBRUARY.

February is the best month to plant a general crop of Potatoes, as on an average they will succeed better if planted during this month than any other. Plant also Spanish Peanuts, Adams' Extra Early Corn and Chufas, Field Corn, Alfalfa, Rape, Vetch, Grass and Clover Seed, Emmer, Sorghum.

MARCH.

Sow Sorghum, Broom Corn, Egyptian Wheat, Dhouro Corn, Jerusalem Corn, Chufas, Kaffir Corn, and Milo Maize for stock food. Field Corn, Alfalfa, Irish and Sweet Potatoes, Peanuts, Cotton, also Early Garden Corn and Chufas for hogs. Cow Peas, Oats, Millet, Spring Vetch.

APRIL.

Work enumerated above for March may apply to April; also Cow Peas, Millet, Cotton and Peanuts.

MAY.

Plant Sugar Beets and Mangels for stock feeding, all kinds of Sorghum, Millet, Fodder plants. Cow Peas,

Soja Beans, Velvet Beans, Peanuts and Cotton, Milo Maize, June Corn.

JUNE.

Work enumerated above for May applies to June.

JULY.

Cow Peas, Mexican June Corn, Millet, Sorghum, Kaffir Corn and Spanish Peanuts.

AUGUST.

Cow Peas, Dwarf Essex Rape, Vetch, Irish Potatoes, Rust Proof Oats, English Rye Grass, June Corn.

SEPTEMBER.

Alfalfa, Barley, Rye, Winter Turf and Texas Red Rust Proof Oats, Wheat, Rescue Grass, Bermuda Grass, Dwarf Essex Rape, Vetch, Emmer, also Japan and other Clover Seed, Burr Clover, Grass Seeds. Irish Potatoes for fall planting.

OCTOBER.

Work enumerated for September applies to October.

NOVEMBER.

Alfalfa, Rye, Barley, Dwarf Essex Rape, Clovers, Turf Oats, Vetch, Texas Rust Proof Seed Oats, Wheat and Emmer, Rescue Grass, Burr Clover, Grass Seeds.

DECEMBER.

Alfalfa, Vetch, Rape, Clover, Emmer, Oats, Rye, Barley, Wheat, Grass Seeds.

MONTHLY TABLE FOR SOWING FLOWER SEEDS AND BULBS

JANUARY.

Continue to sow flower seeds during this month for spring and early summer blooming. The best varieties for now are Verbena, Phlox, Petunia, Summer Chrysanthemum, Scarlet Sage, Hollyhock, Sweet Alyssum, Snapdragon, Aster, Columbine, Daisy, Wall Flower, Bell Flower, Sweet Sultan, Coreopsis, Sweet William, Japan and Carnation Pinks. Larkspur, California Poppy, Heliotrope, Everlasting Flowers, Candytuft, Lobelia, Monkey Flower, Love in a Mist, Evening Primrose, Sweet Mignonette, Dwarf Mourning Bride and Pansies, also Japan and Tiger Lilies and Narcissus bulbs for late flowering. In a cold frame sow at the end of the month Balsam, Zinnia, Amaranthus, Cockscomb, Marigold, Evening Glory and Nasturtium, and in the Greenhouse in pots Begonia Rex, Begonia Tuberosa and Cyclamen. Plant Gladiolus and Freesia bulbs out of doors in sheltered places for early blooming. Set out Rose bushes and flowering ornamental shrubs.

FEBRUARY.

Sow flower seeds for late spring and early summer, such as Zinnia, Balsams in frame, and different varieties of Amaranthus, Gomphrenas, etc.

Set out Rose bushes and ornamental shrubs. Plant Gladiolus and Tuberosa bulbs, Sweet Alyssum, Candytuft, Snapdragon, Pansy, Aster, Chinese and Japan Pinks, Daisies for late blooming, Lobelia, Mignonette, Carnation Pink and Sweet Sultan. Phlox and Verbena may still be sown. Sow Cosmos, Coreopsis, Sunflower, Cobaea Scandens, Nasturtium, Aristolochia Siphon, Marigold, Salvia and Vinca. Lay in Dahlia bulbs in a hotbed for propagating.

MARCH.

Sow Balsam, Zinnia, Amaranthus, Dahlia, Cockscomb, Cosmos, Portulaca and Sunflower. Plant Gladiolus, Tuberosa bulbs and Dahlia roots. Set out Chrysanthemums for fall blooming.

APRIL.

Sow Balsam, Zinnia, Portulaca, Gomphrena and Amaranthus, Cockscomb and Vinca. Plant Coleus and other foliage plants, Dahlias and Chrysanthemums, Sunflower, Gladiolus and Tuberosa bulbs.

MAY.

Follow instructions given for last month.

JUNE.

Follow instructions given for April.

JULY.

Sow Vinca, Phlox, Cockscomb, Ten-week Stock Balsam and Zinnia.

AUGUST.

Sow Pansy, Balsam, Zinnia, Cockscomb, Gomphrena, and follow instructions for July.

SEPTEMBER.

During the month flower seeds, such as Sweet Peas, Pansy, Daisy, Sweet Alyssum, Candytuft, Verbena, Zinnia, Stocks, Phlox, Chinese, Japanese, Marguerite and Carnation Pinks, Asters and Vinca may be sown. Fall and winter blooming bulbs should be started to come into bloom during November and December.

OCTOBER.

Continue to sow flower seeds of all spring blooming varieties. Plant Sweet Peas, Hyacinths, Narcissus, Freesias, Crocus, Snowdrops, Japan Iris, Zinnias, Ranunculus, Anemones, Tulip and Lily Bulbs, Pansies, Daisies, Sweet Alyssum, Candytuft, Petunias, Phlox, Verbenas, Columbine, Chinese, Japanese and Carnation Pinks, Snapdragon, Sweet William, Stocks and Poppy. Sow Bermuda Grass for your winter lawn. Plant Calla Lilies and Chinese Sacred Lilies.

NOVEMBER.

Sow flower seeds of all kinds in boxes and transplant when large enough into open ground, such as Pansy, Daisy, Phlox, Petunia, Chinese and other Pinks, Alyssum, Candytuft, Wall Flower, Larkspur, Carnations, Lobelia, Poppy and Sweet Peas.

Set out Rose bushes and other hardy plants.

Plant Hyacinths, Tulips, Narcissus, Jonquils, Anemones and Ranunculus in open ground or flower pots for forcing. Plant Calla Lilies and Chinese Sacred Lilies, Crocus, Oxalis, Freesias, Snowdrops, Iris.

DECEMBER.

Plant Hyacinths, Tulips, Narcissus, Jonquils, Ranunculus, Anemones, Japan Lilies. Sow all varieties of winter and spring blooming flower seeds in cold frames to be set out in January and February, as, for instance, Lobelia, Asters, Pansy, Daisy, Phlox, Petunia, Chinese and other Pinks, Alyssum, Candytuft, Wall Flower, Larkspur, Poppy, Hollyhock, Snapdragon, Calceolopsis, Heliotrope, Primula and Mignonette. Set out Roses and other hardy plants. Plant Calla Lilies and Chinese Sacred Lilies.

SPECIAL COLLECTIONS OF VEGETABLE AND FLOWER SEEDS.

Our Special Collections of Seeds have been so popular in recent years that we are now giving special attention to this branch of our work. These collections are put up in advance of the regular seed selling season, and are ready for mailing immediately on receipt of your order. Every one of them is a splendid bargain in seeds and the varieties contained have been most carefully selected for Southern home garden use.

QUARTER DOLLAR INTRODUCTORY VEGETABLE COLLECTION.

8 PACKETS 25 CENTS.

- 1 Packet Sure Head Cabbage.
 - 1 Packet Bismarck Beet.
 - 1 Packet Big Boston Lettuce.
 - 1 Packet New Stone Tomato.
 - 1 Packet Scarlet Turnip, white tipped Radish.
 - 1 Packet Alabama Sweet Watermelon.
 - 1 Packet Rocky Ford Cantaloupe.
 - 1 Packet Early White Flat Dutch Turnip.
- For 25 cents we will send the above 8 full size packets of seed by mail, postpaid.

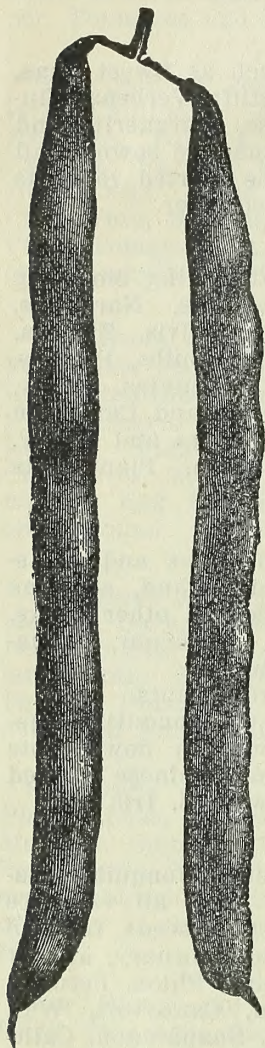
12 PACKETS—BIG 40c COLLECTION OF FLOWER SEEDS.

For 40 cents we will mail one full-sized packet each of the following:

- Alyssum Sweet, beautiful white flower of delicious fragrance.
- Balsam, Double Mixed, favorite garden flower.
- Cockscomb, Dwarf Mixed, beautiful, free blooming annual.
- Larkspur, Dwarf German Rocket, Mixed, good for bouquets.
- Marigold, French Double Dwarf, Mixed, various markings.
- Nasturtiums, Tall or Dwarf Mixed, fine for table decorations.
- Phlox, Drummondii, Mixed, splendid mass of colors.
- Petunia, Good Mixed, fine for bedding.
- Poppy, Double Paeony Flowered, Mixed, well adapted for shrubbery.
- Sweet Peas, great variety of colors.
- Verbena, Fine Mixed, beautiful dazzling self-colors.
- Zinnia, Double Mixed, showy and free flowering.

Novelties and Specialties for 1913

WHITE KENTUCKY WONDER



White Kentucky Wonder

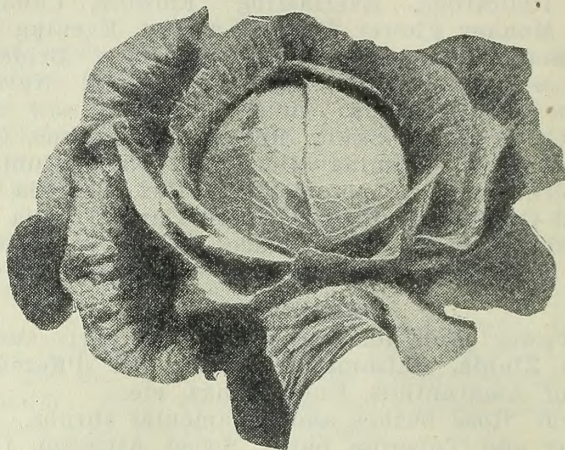
Should become popular with market gardeners because it is the best and most profitable gardeners' Bean yet introduced. This Bean is about ten days earlier than the old-fashion Kentucky Wonder. Very early, yet bears for a long season. The pods, 6—8 inches long, are borne in clusters, are of a rich dark green color, very meaty, entirely stringless, tender and of excellent flavor and quality. The pearly white beans make splendid dry beans for winter use, which is a great advantage over the ordinary Kentucky Wonder. Price, pkt., 10c; 1-2 pt., 15c; pt., 25c; qt., 45c, postpaid.

WEBBER WAX BEAN.

A new Wax Bean of distinct character, having been originated by a market gardener in one of the best market gardening sections of the West. It produces pods of an exceedingly bright yellow color, handsomer than any other Wax Bean. Pods are of good length; semi-round, thick-meaty, and stringless. Vines are strong, holding the pods well up, with good leaf covering and bearing in profusion. This Bean resembles in shape the Wardwell's Wax, is equally as early, but the pods are rounder and more meaty. It sells readily on the market on account of the attractive color. The color of the seed is yellow, oval-shaped and medium size. Price, per pkt., 10c; 1-2 pt., 15c; pt., 25c; qt., 45c, postpaid.

COPENHAGEN MARKET CABBAGE.

UNSURPASSED



IN QUALITY

Copenhagen Market Cabbage

This new earliest of all ball-shaped Cabbages is unrivalled as the most equally maturing and large heading early Cabbage in existence. The heads are of exceptionally large size for so early a variety, and are all maturing at the same time. They average about eight pounds each in weight, are very solid, with small core and of fine quality. The plant is of vigorous habit, but compact with short stem and a few outer leaves. The leaves are light green, rather small, nearly round, comparatively thick and smooth and always tightly folded. Is equally as early as Jersey Wakefield. Its earliness, compact growth, uniformity and size of head, firmness and excellent quality combine to make this Cabbage the most valuable one for the market gardening trade. (See cut.) Price: Pkt., 10c; 1-2 oz., 35c; 1 oz., 65c; 2 oz., \$1.00; 1-4 lb., \$1.75; 1-2 lb., \$3.50; lb., \$6.50, postpaid.

ARISCONTI COTTON

(DROUTH RESISTER.)

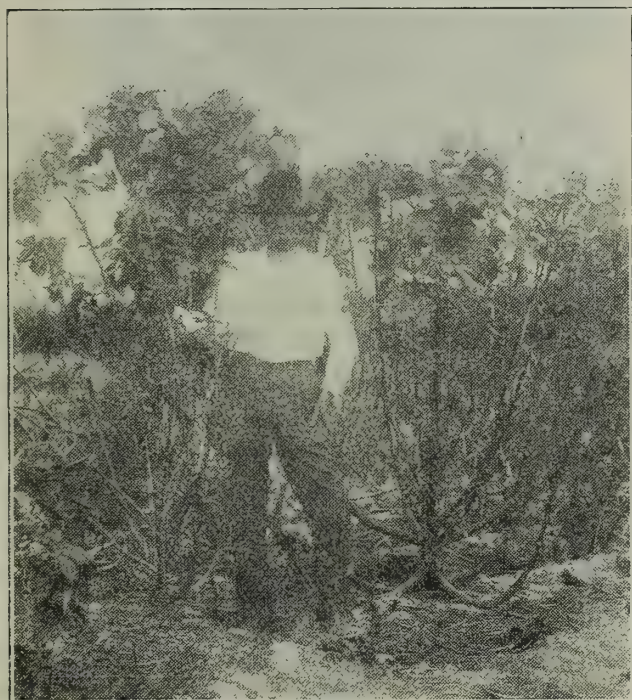
This marvelous Cotton is a hybrid and has been crossed between Caranonica and Sea Island Cotton by Mr. Leon Van Meldert, of Cedar Bayou, Texas. It is late in maturing, roots deeply and will resist drouth better than any other kind. The bushes of this Cotton attain a height of from six to seven feet, and branch out heavily. It produces about five hundred bolls on one stalk, containing three and four locks with an exceptionally

Novelties and Specialties for 1913

COTTON—Continued.

long and fine fibre—two to two and one-half inches in length, of extra strong quality. The seeds of this variety are perfectly black and free from lint. Owing to the extra fine staple and fibre, its market value is twice as much as middling Cotton. It should be planted six feet apart, requiring three pounds of seed per acre, if planted by hand taking three to four seeds to the hill. Won first prize at Dallas Fair for best lint Cotton. Price, \$1.00 per pound.

REICHARDT'S EARLY PROLIFIC OKRA.



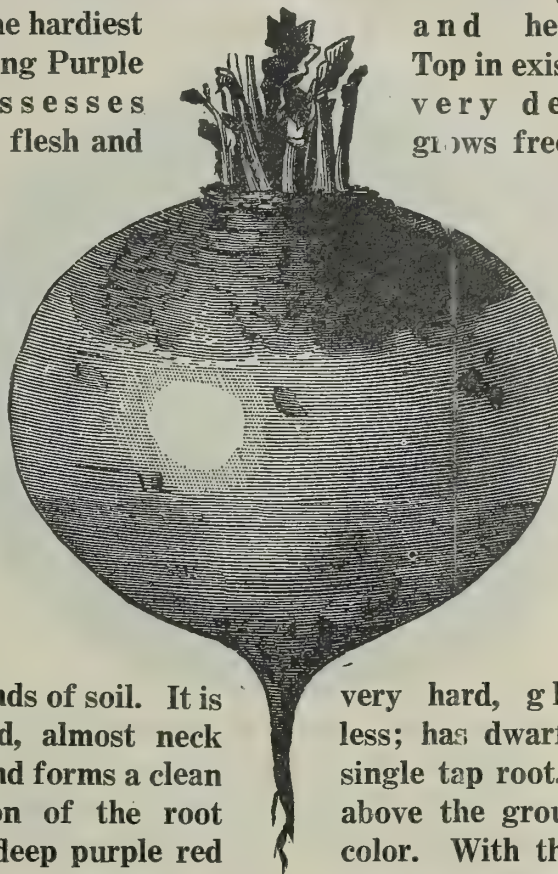
This extraordinarily early and prolific variety of Okra introduced and grown by Mr. Armstrong, of Orange, Texas, has for the first time been brought on the market by us and has proven a perfect success. Being extremely early, this variety was sold on the market just as the common kinds began to form pods. Plants grow from 5 to 7 feet high, bringing out 8 to 12 large branches close above ground, which produce pods in great abundance. These average from 8 to 12 inches in length by 1 1-2 inches in diameter. Pods are long and slender; of a handsome pale green color. Fruits will be ready for market 60 days after planting, as they can be picked when plants are two feet high and continue bearing until killed by frost. Price, pkt., 5c; oz., 10c; 1-4 lb., 20c; 1-2 lb., 35c; lb., 70c, postpaid.

REICHARDT'S MAMMOTH PURPLE TOP RUTABAGA.

We claim for it is the hardest cropping Purple It possesses sound flesh and

this variety that and heaviest Top in existence very dense, grows freely in

UNEQUALLED



IN QUALITY

all kinds of soil. It is shaped, almost neck age and forms a clean portion of the root of a deep purple red riety the question of

very hard, globe-less; has dwarf foliage and forms a clean single tap root. The above the ground is color. With this variety a real neckless Rutabaga is solved. Flesh is richly colored, fine grained and sweet. Price, pkt., 5c; oz., 15c; 1-4 lb., 30c; 1-2 lb., 50c; lb., 90c, postpaid.

NEW YORK, OR WONDERFUL, LETTUCE.

THE KING OF MAIN-CROP HEAD-LETTUCES. IMMENSE HEADS AS SOLID AS A CABBAGE. Blanches Beautifully; Crisp, Tender and Free From Bitterness.

It produces immense heads, often 15 and 16 inches across and weighing enormously. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. It is a very large, robust-growing variety, rooting deeply, resisting hot, dry weather; very slow to run to seed and a sure header under most trying conditions. The outer color is of a distinct apple-green. As a standard main summer crop, hot-weather Lettuce it is in every way desirable and has no equal, but is not recommended for forcing. (See cut.) Price, 5c pkt., 15c oz., 50c 1-4 lb., \$1.75 lb., postpaid.

Novelties and Specialties for 1913

REICHARDT'S IMPROVED NETTED ROCK CANTA- LOUPE.



This is the most popular of the Improved Rocky Ford, or Solid Net types. It has taken more premiums than all other varieties combined, and represents the highest possible attainment in Cantaloupe development. An ideal melon and more extensively grown by market gardeners and associations throughout the country than any other variety. It is undoubtedly the heaviest meated melon of the Rocky Ford type.

The "Netted Rock" produces melons of uniform standard size, 90 per cent of which are completely covered with a beautiful gray, lacelike netting, which, with the small seed cavity, are the most essential points in the carrying and keeping qualities of the Cantaloupe.

The flesh is green, tinged with a delicate salmon-colored pink around the seed cavity, which is by far the smallest of any strain of the Rocky Ford. The flesh is firm, but not tough or stringy. Is sweet, luscious and melting, and of a delicious flavor.

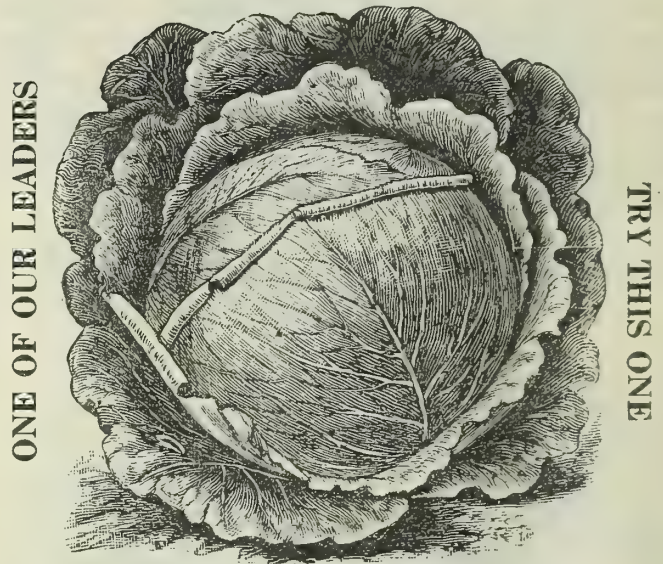
Those planting the "Netted Rock" may rest assured that they have planted the best Cantaloupe that Rocky Ford has produced to date.

The seed we offer was grown from the finest selection of the originator's stock.

Price, pkt., 10c; oz., 15c; 1-4 lb., 50c; 1-2 lb., 85c; 1 lb., \$1.50, postpaid.

REICHARDT'S FROST KING CABBAGE.

120 DAYS.



Reichardt's Frost King Cabbage

A sort which stands out in the open fields all winter without the slightest protection, although the temperature falls as low as zero. High cold winds do not kill it. It is by far the hardiest of any Cabbage grown and has proved of exceeding value in localities of variable winter temperature, as rapid fluctuations do not hurt it in the least. The Frost King has a short stem and makes a deep blue and wide leaf which folds over in opposite pairs, making a broad, flat, hard head, all very uniform in size and their period of maturity. This Cabbage is recommended for use in districts where cabbage cultivators run risks of early and late frosts.

Price, per pkt., 10c; 1-2 oz., 30c; oz., 50c; 2 oz., 90c; 1-4 lb., \$1.50; 1-2 lb., \$2.75; lb., \$5.00, postpaid.

ALL THE ABOVE NOVELTIES AND SPECIALTIES ARE OF THE HIGHEST GRADE AND WE STRONGLY RECOMMEND THEM AND URGE OUR CUSTOMERS TO GIVE THEM A THOROUGH TRIAL.

OUR HALF-DOLLAR VEGETABLE COLLECTION—16 PACKETS, 50 CENTS.

1 Packet Curled Parsley.
 1 Packet Sure Head Cabbage.
 1 Packet Premium Flat Dutch Cabbage.
 1 Packet Early Eclipse Beet.
 1 Packet Danver's Half Long Carrot.
 1 Packet Arlington White Spine Cucumber.
 1 Packet True Georgia Collards.
 1 Packet Big Boston Lettuce.

1 Packet Rocky Ford Cantaloupe.
 1 Packet Alabama Sweet Watermelon.
 1 Packet Southern Giant Curled Mustard.
 1 Packet White Velvet Okra.
 1 Packet Extra Early Long Scarlet Radish.
 1 Packet Early White Bush Squash.
 1 Packet Dwarf Champion Tomato.
 1 Packet Purple Top Turnip.

For 50 cents we will send the above 16 packets of seed by mail, postpaid.

We will be pleased to change any of the above to suit the wants of our customers, except Peas, Beans, Corn and Onion Sets, or Field Seeds.

ARTICHOKE

Ger., Artichoke; Sp., Alcachofa.

LARGE GREEN GLOBE This Artichoke is grown for its flower heads, which are cooked like Asparagus. Hardy and easily cultivated. The most popular variety. Buds large, globular, deep green with tint of purple at base. The seed can be sown in February in a rich seed bed in drills one inch deep and twelve inches apart, thinning when up to four inches apart. Protect in winter with a slight covering. The second season they form heads. Once established, they will continue bearing for years. Pkt., 10c; oz., 35c.

JERUSALEM This variety is not produced from seed, but is cultivated for its tubers which are especially valuable for stock feeding on account of their fattening

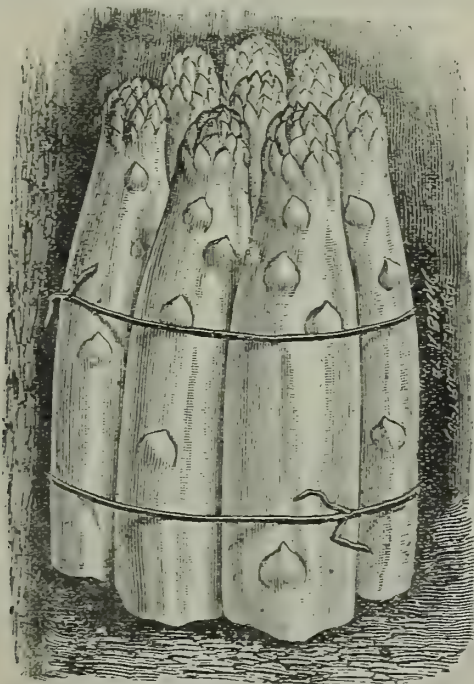
properties; they are well adapted to any soil where corn and potatoes can be grown. They are the best hog food known; a preventive of cholera and other hog diseases. One acre planted in Jerusalem artichoke roots will keep from 20 to 30 head of hogs in fine condition from October until April, as they should not be dug in the fall, but the hogs turned into the field to help themselves by rooting for them. Three bushels of tubers are sufficient to seed one acre; cut to one eye, the same as potatoes, planting in April or May, in rows three feet apart and two feet in the rows, and cover about two inches deep.

We doubt very much if we will be able to furnish tubers as same are extremely scarce this year. Prices on application.

ASPARAGUS

Ger., Spargel; Fr., Asperge; Sp., Esparrago; Ital., Spargio.

One oz. of seed will plant 60 feet of row; 5 pounds will plant an acre.



Asparagus—Columbian Mammoth White

(There is probably no one vegetable that will yield the intelligent grower more satisfactory returns for the capital and labor invested than Asparagus. It always commands a high price in the metropolitan markets with an ever-increasing demand; and here in the great Southwest it can be successfully grown at the least expense.)

CULTURE: A bed fifty by fifteen ft. will hold 100 2-year-old roots, which is sufficient for a large family. These 2-year-old roots are the kind usually planted.

Better still, write for our new leaflet, "HOW TO GROW ASPARAGUS," which will be mailed free on application.

GONNOVER'S COLOSSAL. This sort is one of the largest and most extensively used variety, very tender and of the best quality. Productive and of very large size; an old favorite. Price, per packet, 5c; per oz., 10c; per pound, 75c, postpaid; not postpaid, 65c.

COLUMBIAN MAMMOTH Exceedingly large, especially productive and of very attractive appearance. Furnishes shoots of exceptionally large size and of superior tenderness and flavor. Color clear white until four to six inches above soil. It is a better yielder and of stronger constitution than the older varieties and does better in this locality. Price, per packet, 5c; per ounce, 10c; per pound, 75c, postpaid; not postpaid, 65c.

Asparagus Roots

A saving of two to three years is effected by planting roots. Those offered are **SELECT, STRONG, TWO-YEAR-OLD ROOTS**, and we are confident they will please you in every way. **DON'T BE MISLED IN PLANTING ONE-YEAR-OLD OR INFERIOR ROOTS.** Price, \$1.50 per 100 by express, not prepaid.

GREEN BEANS

DWARF, BUSH OR SNAP—GREEN PODDED SORTS.

Our Beans are all "Northern Grown," and although there will be a shortage, still our growers assure us of a pretty full delivery.

Ger., Grup-Bohnen; Fr., Haricots Nains; Sp., Habituelas; Ital., Fagioli.

One quart will plant 100 hills; 1½ bus. will plant an acre; an acre should yield 100 bushels of "snaps," and should be ready to pick in six to seven weeks after planting.

CULTURE: Sow in drills two feet apart, dropping a bean every four inches in rich, warm, moist soil. Cover about two inches. Be certain your soil is well drained, and that every facility is given the surface water to run off quickly. Plant early and take the chances of a frost, for it is the early crop that pays both the local gardener and the shipper. Beans do well planted on our Southern sub-tropical line during the months of March, April, May, August, September and October. Cultivate shallow and frequently, and draw the earth to the plants when the blooms first appear. It is wise to purchase seed only from seedmen of practical experience and commercial standing. The difference between good and bad seed is always the difference between a profit and a loss.



Extra Early Round Pod Valentine.

EXTRA EARLY RED VALENTINE, This is the earliest **ROUND POD** strain of Valentines and fully uniform in habit and ripening with an almost entire absence of flat pods. Hardy and vigorous, upright in growth. Early and uniform in height as well as ripening, making it one of the most desirable sort for market gardening as a large proportion of the pods can be picked at one time. Hardy, pods light green and semi-transparent, round and slightly curved. Succulent, prolific and quite free from strings, continuing long in an edible condition. 46 days from planting first picking.

EXTRA EARLY REFUGEE Much earlier than the old **ROUND POD** style Refugee or 1000 to 1. Pods are round, solid, tender and of excellent quality. Very popular and much preferred by our Southwest Texas farmers for early spring crop. An extremely early sort, furnishing round fleshy pods slightly curved, of medium size, about 5 inches long, and of fine quality. Vines small and of upright growth. An excellent bean for early market and stands shipping well.

BLACK VALENTINE Popular in the South on account of its blight-resisting qualities. Matures early, producing long round straight pods which are tender when quite young.

EXTRA EARLY LONGFELLOW, An ideal snap bean; **ROUND POD** a prolific producer of round, straight, solid, fleshy pods, averaging over six inches in length, tender and brittle and having no strings, except when quite old. Is exceedingly prolific, always solid, and remarkably early. It matures its crop very regularly, and withstands adverse conditions well. The flavor is delicious. This is the ideal Bean for the Houston market and Gulf Coast Territory.

BURPEE'S STRINGLESS This Bean is very similar **GREEN, ROUND POD** to the Red Valentine, developing its crop about 4 days sooner. Vigorous and upright in habit. The pods are light green, long, not quite as round as Valentine and less curved, absolutely stringless, exceedingly early. This sort combines unusual hardness, extreme earliness and wonderful productiveness with pods of handsome appearance.

GIANT STRINGLESS GREEN One of the earliest and **POD, ROUND POD** handsomest of the green podded sorts; very productive; round pods, about six inches long, entirely stringless and a splendid shipper, while for the family garden it cannot be equaled. About a week earlier than Red Valentine and much more prolific.

LONG YELLOW SIX WEEKS This is a green pod **FLAT POD** sort. The term yellow applying only to the color of the seed. Vines are large, vigorous and branching. Pods long, straight, of flat type.



Burpee's Stringless Green Round Pod.

GREEN BEANS—Continued.

BOUNTIFUL, FLAT Of thrifty growth; rust and mildew-proof; is very hardy, extremely early. bountifully prolific and bears continuously for several weeks. Bears immense green pods, thick, broad and extra long, of the highest quality. Is absolutely stringless.

PRICES on Green Beans:

	Postpaid.			Not Prepaid.	
	½-pt.	pt.	qt.	½-pk.	pk.
Extra Early Red Valentine....	15	25	40	90	1.75
Burpee's Stringless Green Pod..	15	25	40	90	1.75
Giant Stringless Green Pod....	15	25	40	90	1.75
Long Yellow Six Weeks.....	15	25	40	90	1.75
Extra Early Refugee	15	25	40	90	1.75
Bountiful	15	25	40	90	1.75
Extra Early Longfellow	15	25	40	90	1.75
Black Valentine	15	25	40	90	1.75

If Beans in pints and quarts are ordered by express or freight, DEDUCT 5c from 1-2 pints, 10c per pint and 15c per quart from postpaid prices.

WAX BEANS

DWARF BUSH WAX OR YELLOW PODED SORTS.

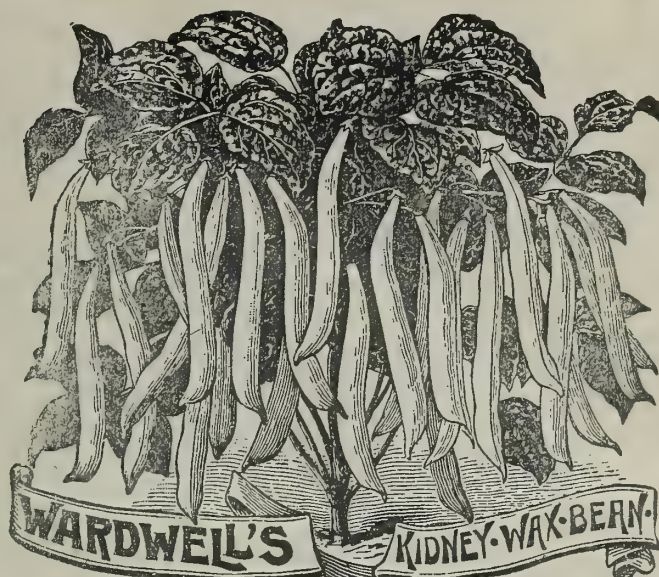
CHALLENGE BLACK WAX, A superior strain of the **ROUND POD** Black Wax and less likely to throw green pods than other sorts. This is one of the earliest wax podded beans, will give a full picking of pods which are unexcelled by any in quality. Vines erect, compact, bearing the pods well up from the ground. Pods are clear, waxy white, medium sized, considerably curved, round, very fleshy, crisp, tender and stringless.

PENCIL POD BLACK WAX, The acme of improvement on the old favorite German Black Wax. Pods are freely borne on dwarf plants and are a fraction later than the old Black Wax, and are of a darker shade of yellow. This bean is particularly handsome, also medium early, hardy and very prolific. Leaves roughened. Pods long, five and one-half to six inches. Straight, round, fleshy; tender, absolutely stringless, and of excellent quality and are produced through a long season. It contains a little of the Refugee blood, which, no doubt, accounts for the round, pencil-like pods. In this section, where the round podded varieties are in such demand, it will prove a veritable boon, and we anticipate a large demand for the seed. This is without doubt the best Yellow Pod Wax Bean for our territory.

ROUND POD KIDNEY WAX Pods are round. Plants grow strong and sturdy, with long, round, handsome stringless pods of large size, very solid, and full of meat, crisp and brittle. Very early and productive. Much preferred by market gardeners.

GERMAN BLACK WAX, One of the most prolific Wax **OVAL POD** Beans in the market. Vines are medium sized with small foliage, very vigorous, hardy and productive, maturing about midseason. Pods about 4½ inches in length, borne well up from the ground. Pods medium length, curved cylindrical, fleshy and of a clear creamy white color.

WARDWELL'S KIDNEY WAX, Hardy and productive, **FLAT POD** maturing a little later than Golden Wax, producing long, broad, thick, flat, nearly straight pods of creamy white color. These are of excellent quality.



Pods are of large size, about six inches long. They always find a ready sale, making it one of the most profitable for market. Leaves are large, slightly roughened. One of the best Wax Beans for home garden and a good shipper and keeper as well.

DAVIS KIDNEY WAX, AN EXCEPTIONALLY HARDY, **FLAT POD** PRODUCTIVE, WHITE-SEEDED, WAX-PODDED SORT—Pods very long, white, straight and handsome. The most hardy and productive bush wax-podded Bean. Vine rustless, vigorous. When young the pods are very brittle, crisp and tender. The dry beans are kidney-shaped, clear white and excellent for baking. Best of all for shipping as Snap Beans. The perfect shape and fine color of the pods and the clear white seed make this one of the best sorts for canners.

IMPROVED GOLDEN WAX, Early and very productive. Vines erect, compact, bearing pods well up from the ground. Same are of medium length, 4½ to 5 inches long, golden yellow. Nearly straight, broad and flat, very fleshy and wax-like. Rustproof and stringless.

KEENEY'S RUSTLESS GOLDEN WAX, FLAT POD Combines hardiness and productiveness with fine quality. A strong growing bush variety of remarkable vigor and freedom from rust. The pods are meaty and well filled, thick flat when young and semi-round later; a very desirable variety.

WEBBER WAX BEAN—See Specialties.

PRICES on Wax Beans:

	Postpaid.			Not Prepaid.	
	½-pt.	pt.	qt.	½-pk.	pk.
Wardwell's Kidney Wax	15	25	40	90	1.75
Davis Kidney Wax.....	15	25	40	90	1.75
Challenge Black Wax	15	25	40	90	1.75
Pencil Pod Black Wax.....	15	25	40	90	1.75
German Black Wax	15	25	40	90	1.75
Golden Wax	15	25	40	90	1.75
Keeney's Rustless Golden Wax..	15	25	40	90	1.75
Round Pod Kidney Wax.....	15	25	40	90	1.75

If Beans in pints and quarts are ordered by express or freight, DEDUCT 5c from 1-2 pints, 10c per pint and 15c per quart from postpaid prices.

POLE (or Running) BEANS

FAMOUS KENTUCKY WONDER A splendid variety. **OR OLD HOMESTEAD** Very early and prolific, with showy pods, which are most excellent for snaps. Vines vigorous, climbing, bearing its pods in large clusters. Pods are green, very long, often reaching from 9 to 10 inches, nearly round and very tender. As a green pole bean, cannot be excelled. In fact, under ordinary weather conditions will continue bearing until frost.

GREASEBACK, GREEN POD This variety is very early and valuable for its habit of perfecting all its pods within a short time. Vines are medium-sized, bearing round, fleshy pods in clusters. The pods are medium length, from five to six inches in length, deeply creased, entirely stringless. The dry seed is pure white and excellent for winter use. Comparatively straight, silvery green, of good quality; stand shipping better than most sorts.

POLE BEANS—Continued.

RED SPECKLED CUT SHORT, OR CORN HILL, GREEN POD An old variety and very popular for planting among corn, and it will give a good crop without the use of poles. Vines medium sized, twining loosely with dark colored, smooth leaves; pods short, about 3 to 4 inches in length; flat and oval, fleshy and of good quality.

LAZY WIFE, GREEN POD One of the best of the later green podded pole Beans. The pods of medium dark green color, borne in large clusters, are five to seven inches long, broad, thick, fleshy and perfectly stringless.

SOUTHERN PROLIFIC, GREEN POD Heavy cropper and great re-sister of our sub-tropical heat; about two weeks later than Kentucky Wonder; very prolific, pods five to seven inches long, green, and medium round. Plant in July and they will bear until winter.

DUTCH CASE KNIFE, GREEN POD Vines vigorous, climbing well but twining more loosely than some, and so may be used for a corn hill bean. Leaves large, crumpled, pods very long, flat, irregular.

EARLY GOLDEN CLUSTER WAX, YELLOW POD A well known early and very beautiful sort. Vines large,

strong growing, vigorous, hardy; leaves large, light green, crimped; pods six to eight inches long, borne in abundant clusters. Very broad, thick and fleshy, deeply creased.

WHITE KENTUCKY WONDER—See Specialties.

PRICES on Pole Beans:

	Postpaid.			Not Prepaid.	
	½-pt.	pt.	qt.	½-pk.	pk.
Famous Kentucky Wonder.....	15	25	40	90	1.75
Southern Prolific	15	25	40	90	1.75
Dutch Case Knife	15	25	40	90	1.75
Lazy Wife	15	25	40	90	1.75
Red Speckled Cut Short.....	15	25	35	90	1.75
Early Golden Cluster Wax....	15	25	45	1.00	2.00
Creaseback	15	25	40	90	1.75

Prices quoted above in pints and quarts are postpaid. If ordered by express or freight, DEDUCT 5c from half pints, 10c per pint and 15c per quart.

Lima (or Butter) Beans

HENDERSON'S BUSH The earliest variety we have, being two weeks earlier than any other sort. The plant is about 18 inches high and very prolific. Beans are small. Best variety for this section and for our Houston market.

BURPEE'S BUSH The best late dwarf variety. Plant about 24 inches high, very prolific. Pods and seeds large and heavily ribbed.

DREER'S BUSH LIMA A very prolific variety, a little later than Burpee's, having short, thick pods, closely filled with short, almost round, seeds.

KING OF THE GARDEN POLE One of the best running varieties, is medium early, has long pods from 5 to 6 inches long, well filled. Same are straight and handsome. Bears abundantly. Vines are very vigorous and productive.

LARGE WHITE POLE An excellent Shell Bean, either green or dried. Vine tall, vigorous, but slender, leaves medium sized smooth, light green. Pods borne in clusters, about five inches long, broad, very thin, dark green. Seed very large, ovoid flat, greenish white; medium late.

CAROLINA OR SIEVA POLE Seeds are small and rather kidney shaped; grows vigorously and emits short, lateral branches; very prolific and one of the earliest; with small, smooth dark green leaves. Pods short, about 3 inches in length, curved, flat. Seed small, white and flat.

SEIBERT'S EARLY LIMA POLE This new variety is one of the very earliest. The vine is very vigorous and productive. Pods are large, but thin, and can be more easily opened than those of other varieties. The green beans are very large, handsome and of the best quality. Pods about five inches long, containing four to five beans.

EARLY JERSEY LIMA POLE Ten days earlier than any other Lima. We recommend this variety to all who desire a profitable Lima Bean.

NOTE: Do not plant Lima Beans when the soil is cold and wet, or the seed will rot. The soil must be warm and not too wet. Bear this in mind and there will be no failure with this crop. The same directions may apply to Okra.

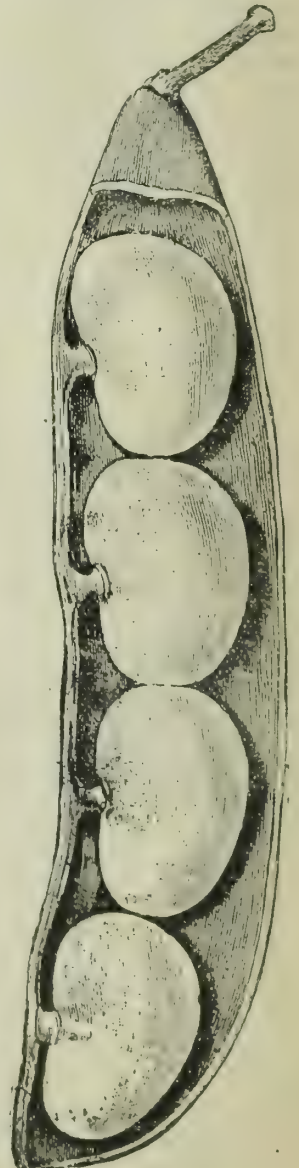
PRICES on Butter Beans:

	Postpaid.			Not Prepaid.	
	½-pt.	pt.	qt.	½-pk.	pk.
Henderson's Bush	20	30	45	90	1.75
Burpee's Bush	20	30	45	90	1.75
Dreer's Bush Lima	20	30	45	1.15	2.25
King of the Garden Pole....	20	30	45	90	1.75
Large White Pole	20	30	45	1.15	2.25
Carolina or Sieva Pole.....	20	30	45	1.00	2.00
Seibert's Early Lima.....	20	30	45	1.00	2.00
Early Jersey Lima	20	30	45	1.00	2.00

If Beans in ½-pints, pints and quarts are ordered by express or freight, DEDUCT 5c from ½ pints, 10c per pint and 15c per quart from postpaid prices.



Famous Kentucky Wonder



Bush Lima

BEETS

FOR TABLE USE

Ger., Salatruibe; Fr., Betterave; Sp., Remolacha; Ital., Barbabietola.

One ounce will plant 50 feet of drill; five pounds will plant an acre; ready for use in 50 to 120 days.

CULTURE: Drill in deep sandy loam 18 inches between rows and thin out to 3 inches in the drill. Firm the soil when seeds are planted. Soaking over night in medium weak liquid manure will hasten germination. If wanted early sow in frame or greenhouse and transplant to the open when warm enough. In our Southern climate best results are had from sowings in July, August and September. Keep the soil well cultivated, and do not neglect fertilization. The home market requires large roots, while the Northern markets prefer small, symmetrical, smooth roots.

THE BISMARCK Fine table variety. (An excellent novelty from Germany.) Combines more qualities than any other variety. Flesh crimson, exceedingly tender, remarkably early. In shape it is almost round. The leaves are small and compact, and set very close to center of bulb. The tap root also is small, starting clear from the bulb without taper—indeed, it combines to a greater



The Bismarck

degree than any variety we know of the maximum edible bulb with the minimum root and foliage. The color is crimson. But it is when prepared for the table that its fine qualities become most apparent. The flesh, of delicate texture, is rich, sugary and entirely free from fibre.

ECLIPSE A very early Beet especially desirable for home garden. Tops small, root smooth, round or slightly top shaped. Flesh bright red, very sweet, crisp and tender. This variety has to a great extent superseded the Egyptian. The bulbs are perfect globes, blood colored and develop with astonishing rapidity. Foliage longer and more vigorous than the Egyptian. 45 days.

CROSBY'S EGYPTIAN Really the best of the early varieties, though not so quick in maturing as the Eclipse. Tops are small; roots are nearly round or slightly flattened and very smooth. Exterior color of root, bright red; flesh very sweet, tender and of good quality. Pkt. 5c; oz., 15c; ¼-lb., 40c; lb., \$1.35.

GRIMSON GLOBE This Beet is remarkable for its smooth skin and fine shape. Root round, deep crimson, smooth outside skin, early in development. Foliage is dark red. An exceedingly choice variety uniting both rare beauty and value. 45 days. We have been growing it on our trial grounds for several years and could not help noting its many desirable qualities. It is a second-early variety, does not grow large and coarse.

DARK RED EGYPTIAN Very desirable; not as attractive in appearance as Crosby's, but equally as good a cooker and much darker. It is probably more generally planted than any other one variety.

DEWING'S BLOOD TURNIP Tops are medium-sized. Leafstem and veins dark red, leaf green, root dark purplish red, turnip shaped with medium sized tap. Flesh is carmine, with purplish tinge, zoned with lighter shade. A medium early sort, tender, sweet and a good keeper.

DETROIT DARK RED This Beet is one of the best varieties for market on account of its uniformly deep rich color. Flesh is deep vermilion red, zoned with a lighter shade of the same color. Very attractive in color, and unsurpassed in quality. A favorite with our trade. Tops small, upright, growing so that the rows may be close together. Leaves dark green, shaded with red. Root medium sized, nearly round, very smooth and of dark blood red color; very sweet, crisp and tender.

EDMANDS Sweet and tender and of uniform growth; deep blood, oval in form, wedge-shaped root; smooth skin. 55 days. Top short and rather spreading, ribs and leaf stalks dark red. Exterior color, dark red; interior color, purplish red with little zoning; excellent keeper; flesh darker than the skin; very popular.

EARLY BLOOD TURNIP Quite early; grows to a very large size and is edible in all stages of its growth. This Beet has larger, coarser tops and root than Detroit Dark Red and also requires considerably longer to mature. Root nearly round or slightly flattened. Flesh deep red zoned with lighter shade; sweet, crisp and tender. A splendid truck or family Beet.



Electric

ELECTRIC A good early Beet, ideal for table use; has fine grained flesh, exceedingly tender and very sweet. The color is dark crimson with rings of lighter red, shape round and smooth; leaves small and compact.

LENTZ Originated in Philadelphia and therefore an American variety. Short leaved, suitable for culture under glass. Light in color; in shape rather flat, and in flavor excellent.

LONG SMOOTH BLOOD Will mature in sixty days and is a great dry weather Beet. Roots smooth, slender, growing half out of the ground, with few or no side roots; about 10 inches in length. Exterior color very dark purple, almost black; flesh dark red, tender and

BEETS—Continued.

sweet. Keeps well through the winter. Is a desirable family Beet as it remains edible a long time after maturing.

SILVER BEET OR SWISS CHARD This variety is cultivated for its large, succulent leaves, which are used for the same purposes as Spinach. It is very popular in all markets.

HALF LONG BLOOD A very dark red variety. Tops are very upright with exceptionally smooth leaves. Roots are very smooth and uniform in shape. Flesh very deep, rich red, sweet and tender; excellent to slice for pickles; a good kind for family use.

PRICES on all varieties of Table Beets, EXCEPT CROSBY'S EGYPTIAN:

Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; lb., 85c, postpaid. If wanted by express, DEDUCT 10c per lb.

BEETS**MANGEL WURZEL, FOR STOCK FEEDING.**

(The increase in sales, year by year, of Mangel Wurzel and Sugar Beets evidences the correctness of our judgment in advising the planting of these varieties for stock. Although more generally cultivated in a more northerly section, it has been demonstrated that they will thrive here and prove remunerative if planted in September or October, or even later. Once fairly established, they will continue growing all the year, and can be pulled and fed as required. In planting remember that the Golden Tankard grows well above the ground, the Intermediate grows partly in and partly above the soil, and the Long Red grows more like the Long Blood Beet; so by planting the three varieties and feeding in the order named, good Stock Beets may be had, regardless of season.)

CULTURE: Sow in rows 22 inches apart, using about six pounds of seed per acre. To get good, large and uniform Beets, the plants should be thinned when in the fourth leaf to six inches apart in the row.

MANGEL, HALF SUGAR A variety produced in Germany by introducing Sugar Blood into the Mangel. This materially increases the quantity of saccharine matter, while retaining the Mangel size, thus multiplying the fattening properties of the root. Roots are light bronze green above ground, grayish white below, with white flesh. Can be harvested very easy on account of growing half out of the ground and its long ovoid shape.

GOLDEN TANKARD Very large, yellow fleshed variety. Tops comparatively small with yellow stems; neck very small. Roots large, ovoid, usually larger growing towards the bottom in diameter than the top; light gray above ground, deep orange below. Flesh yellow zoned with white.

MAMMOTH LONG RED MANGEL Roots very large, uniformly straight and well formed, skin is red, flesh white, tinged with rose, enormously productive. The largest of all the Mangels and the heaviest cropper.

SUGAR BEETS

VILMORINS' WHITE FRENCH SUGAR Unquestionably one of the best strains for sugar making. It will do better on new land than any other kind. Tops of medium size, with smooth, bright green leaves. Roots of medium size, white with tinge of gray. Uniform in type; flesh white; elegant for stock feeding purposes.

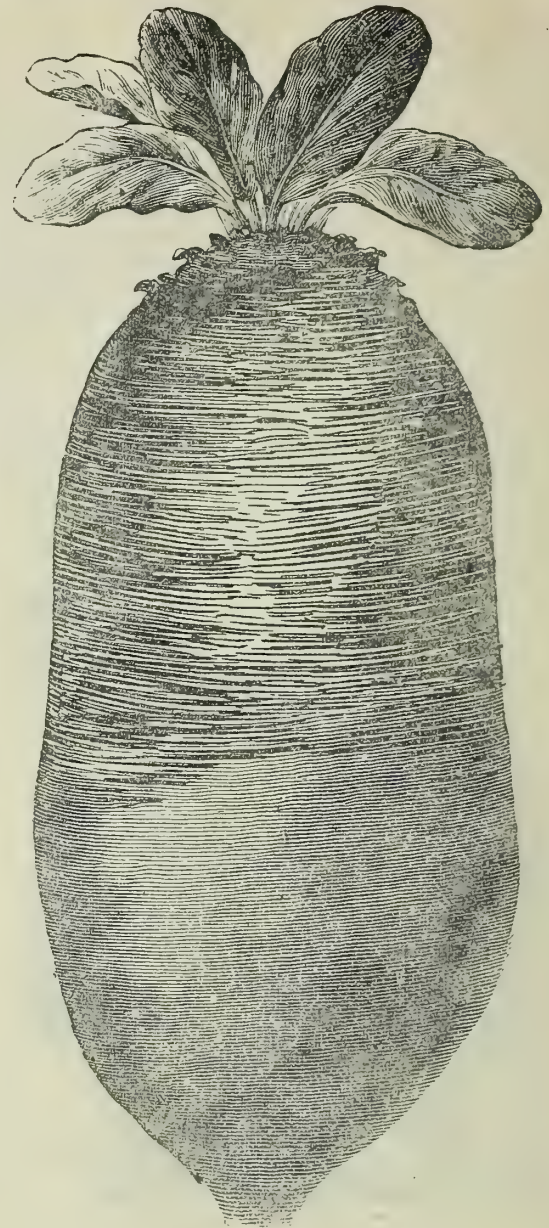
KLEIN WANZLEBEN This variety has proved to be a very valuable sort. It has a rather long, slender root, very rich in sugar. Flesh white. It grows below the surface.

PRICES on all varieties of Mangel and Sugar Beets:

2 oz.—Postpaid, 15c; ½-lb.—Postpaid, 30c.

¼-lb.—Postpaid, 20c; 1-lb.—Postpaid, 50c.

If wanted by express or freight, DEDUCT 10c per pound.



Golden Tankard

FINE FOR STOCK

GOOD FOR THE SOUTH

BRUSSELS SPROUTS

Ger., Sprossen Kohl; Fr., Chouxde Bruxelles; Sp., Breton de Bruselas; Ital., Cavolo di Brusselles.

IMPROVED HALF DWARF The plants, which are very hardy, grow two or three feet high, and produce from the sides of the stalk numerous little sprouts, which resemble very small cabbages, one or two inches in diameter. The leaves should be broken down in the fall, to give the little heads more room to grow. They are very hardy, and giving compact, round sprouts of large size and good quality.

Pkt., 5c; oz., 20c; 1-4 lb., 50c; 1-2 lb., 75c; lb., \$1.50, postpaid.

BROCCOLI

Ger., Spargel-Kohl; Fr., Choux Broccoli; Sp., Broccoli; Ital., Brocoli.

Although originating from a very distinct type, the modern improved sorts of Broccoli can scarcely be distinguished from cauliflower; the points of difference being that they are generally taller and the heads more divided. The culture is the same as that given for cauliflower but will withstand greater extremes of temperature than the former.

EARLY LARGE WHITE FRENCH The best variety. Heads white, very compact and hard, continuing firm for a long time. A hardy, vigorous, easily grown sort.

Pkt., 5c; oz., 35c; 2 oz., 50c; 1-4 lb., \$1.50, postpaid.

CABBAGE

Ger., Kohl; Fr., Chon; Sp., Repolio; It., Cavolo Cappuccio.

(We desire to impress upon our friends the fact that the Cabbage seeds listed in this catalogue are as true to name and description as skilled growing can make them. They are mainly grown for us on Long Island or obtained from those famous expert growers in Denmark and Holland. Grown from selected heads, our customers can therefore rely upon getting Cabbage seeds true to name and of the best possible vitality.)

CULTURE: Cabbage requires a rich soil, plowed deep and heavily manured, and the plants must be thoroughly cultivated. The seed bed must not be rich, but when plants are set out for constant and steady growth, frequent application of manure is almost necessary. Close watch must be kept for insect enemies, and their destruction effected immediately on the first appearance. Eternal vigilance and persistent labor is essential to a good cabbage crop. Our pamphlet, "HOW TO GROW CABBAGE," will be mailed on request.

One ounce of seed will produce about 1500 plants, and six ounces should be sown to set out an acre. Ready for market in 60 to 150 days, according to variety. Intelligently grown, it is a most profitable trucker's crop.

FIRST EARLY SORTS POINTED HEAD VARIETIES.



Early Jersey Wakefield

EARLY JERSEY WAKEFIELD The earliest and hardest heading of first early Cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Its exceeding hardiness, not only to resist cold but other unfavorable conditions, insures the greatest likelihood of profitable and satisfactory results. Our stock is grown and selected with the greatest care; there is none better and there are few as good. A reliable header and most excellent in all good qualities. The strain we offer is unexcelled. Heading for market 70 to 80 days from sowing. Head conical, very compact, solid and excellent quality. The thick, stout leaves and compact habit of the variety make it the best sort for very early setting.

CHARLESTON (or large) Of the same appearance, **WAKEFIELD** habit and general character as the Jersey Wakefield, excepting the heads are larger. Large, solid, half-pointed heads of good quality. Leaves rather large, smooth and thick; exceedingly hardy, producing fully twice as much per acre than Early Jersey Wakefield.

EARLY YORK Heads small, heart-shaped, firm and tender.

SECOND SORTS.

EARLY DWARF FLAT DUTCH Continued experience confirms our belief that this is a most valuable second early sort. The plant is short stemmed and upright, having few and short leaves. A great favorite owing to its uniform size, good heading and heat resisting. Head large, nearly round or slightly flattened, very solid. The color is more vivid green than the Wakefield; it is maturing with Early Summer. The stems are very short, the leaf stalks bearing leaves clear down to the main stalk; the plants appearing to squat upon the sur-

face of the soil. Matures much earlier than Late Flat Dutch and other sorts grown for market and shipping. 95 days.

EARLY SUMMER An early, large-heading Cabbage; plants strong growing, with large spreading outer leaves. Heads flat, and keep longer without bursting than most of the early sorts. Of an excellent quality; the plant has a peculiar bluish tinge. Valuable for both family and market. 85 days.

SUCCESSION A sure heading, long keeping variety, very similar to All Seasons, but maturing a little later. Heads deep and very firm, having but few outer leaves. This popular second early sort is about 10 days later than Henderson's Early Summer, larger in growth and heads more uniform; an excellent keeper. Heads are deep and very firm.

VOLGA This is one of the best large Cabbages ever introduced. For uniformity in growth, shape of head and hardiness, we have never seen its equal in a large headed variety. One of the earliest main crop Cabbages of superior quality. Very desirable where a large, uniformly round head with short stem and compact growth is wanted. Matures very early for a variety furnishing such large heads of excellent shape. Very hardy; good keeper.

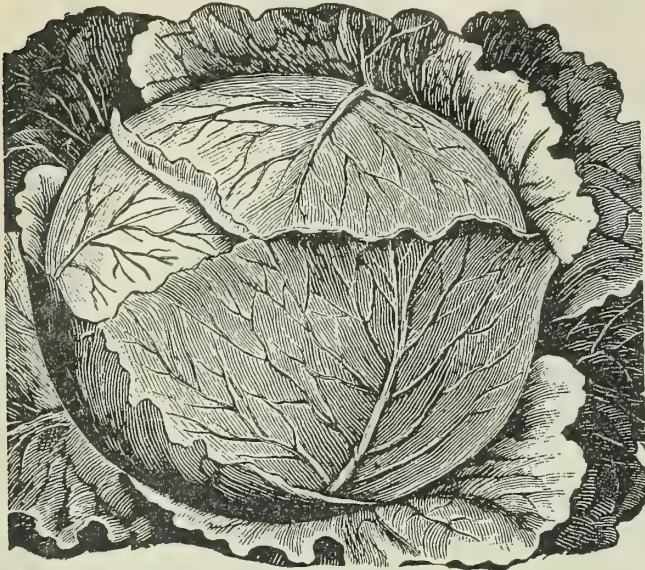
EARLY WINNINGSTADT Pointed Head. Belonging to the conical or Wakefield variety, it produces very solid heads. The heads are of the same size as the Jersey Wakefield, but more sharply pointed in form and not so early. The leaves are rich dark green, slightly glossy, short and thick, most tightly folding. Owing to these features and besides being of a compact upright habit of growth, this variety seems to suffer less from the cabbage worm than other kinds. Splendid variety for Kraut.

ALL SEASONS One of the largest and most desirable of the second early sorts. Plant very vigorous and sure heading with few outer leaves. Heads are extremely hard and solid, round and flattened on top and ready to market nearly as early as Early Summer, while considerably larger in size. Of the best quality. Remarkable for its ability to stand the hot sun and dry weather. One of the most desirable for Kraut.

ALL HEAD EARLY Our strain of All Head Early is of special value because of close adherence to the type in habit of growth and the shape and quality of the head. This famous Cabbage is considerably larger than any other early summer cabbage that is equally as early. The deep, flat heads are remarkably solid and the most uniform in color, form, and size of any variety. Has very few outer leaves; it is equally as good for summer as for winter planting. Plants more compact, leaves smoother and thicker and heads larger and a little more round than the Early Summer. We consider this one of the best second early sorts on our lists for both the market and home use.

EARLY DRUMHEAD A solid flat head variety, maturing a few days after the Wakefield and is one of the most valuable varieties. It is ready for marketing two or three weeks earlier than the Late Drumhead.

CABBAGE—Continued.
LATE OR WINTER SORTS.



Hollander or Danish Ball Head

HOLLANDER, OR DANISH BALL HEAD Since introducing this Cabbage a number of years ago, it has gained in popularity with our truck growers and market gardeners every year and again for the coming season we are going to have the same stock that has given such satisfaction. A winter cabbage of great celebrity because every head is alike, being round in shape, more dense than any other cabbage, pure white within, and of admirable keeping quality. For main crop and late planting, being one of the best keepers of all winter Cabbages and very desirable for distant markets or for late spring use. The heads are of good marketable size, not so large as Flat Dutch, but very hard, round, fine grained and exceedingly hardy in resisting cold and dry weather. Leaves rather large, thick, bluish green. Stands shipment better than any other late variety. 120 days.

AUTUMN KING OR WORLD-BEATER An extremely large and solid heading variety. The plant is of extra strong growth with dark bluish green leaves growing closely about the large flattened heads. Heads are broad flat, heavy; earlier than Late Drumhead and more showy. Stems short; few outside leaves; a remarkably fine sort. Withstands the sudden changes of our freakish climate with more equanimity than any variety now on the market. From this valuable peculiarity, it is the favorite sort with our local market gardeners. Add to this the fact that the heads are large and firm, and, under favorable conditions, of most rapid growth.

MAMMOTH ROCK RED The largest and surest heading red Cabbage. The plant is large with numerous spreading leaves. The head is large, round, very solid and of very attractive deep red color.

PREMIUM LATE FLAT DUTCH We recommend this sort for markets that require a very large, deep head. The plant is large with few outer leaves. For a large heavy, hard, smooth-leaved, late ripening Cabbage no strain is superior. As a variety for winter planting it has no superior. Heads large, bluish green, round, solid, broad and flat at top, and of a splendid quality. Excellent keeper; considered by many the standard. 120 days.

SUREHEAD A compact growing short-stemmed Cabbage. This Cabbage produces large, round, flattened heads of the Flat Dutch type and is remarkable for its certainty to head. Same are uniform, extremely hard, fine in texture. It is very sweet flavored, has but few outer leaves. An excellent sort so largely grown for winter use. Head large, very solid and uniform in shape. We assure our customers that our stock is the best obtainable. This variety is of very fine flavor, a fine keeper and good for shipping. Heads weighing about ten pounds each. 110 days.

LARGE LATE DRUMHEAD A large, late variety of great merit, similar to the Late Flat Dutch. We recommend this sort for markets that require a very large, deep head. The plant is large, with few outer leaves. A sure heading variety which will give good sized heads which are very compact and of excellent quality.

SHORT-STEM DRUMHEAD The best of the Drumheads; matures early; heads are large and borne very close to the ground. This is a fine strain of large Drumhead Cabbage desirable for fall and winter. It is uniform in heading and dwarf in growth. Has very little outer foliage.

FOTTLER'S BRUNSWICK An early Drumhead; sits low on the stalk and makes heads of from ten to fifteen pounds.

DRUMHEAD SAVOY Heads solid, toothsome and with a Cauliflower flavor. Leaves "crinkled," the exterior ones green and the interior ones white. Resistant to Cabbage worms.

COPENHAGEN MARKET—See Specialties.

REICHARDT'S FROST KING—See Specialties.

REICHARDT'S PRICE HEAD—See Price Contest.

PRICES on Cabbage Seed:

	Pkt.	1/2-oz.	oz.	1/4-lb.	1/2-lb.	lb.
Early Jersey Wakefield....	5	10	15	50	90	\$1.75
Early Dwarf Flat Dutch..	5	10	15	50	75	1.50
Charleston Wakefield	5	10	15	50	75	1.50
All Seasons	5	10	15	50	75	1.50
Early Winningstadt	5	10	15	50	75	1.50
Danish Ball Head	5	10	20	75	1.25	2.25
Autumn King	5	10	15	50	90	1.75
Premium Late Flat Dutch..	5	10	15	50	75	1.50
Surehead	5	10	15	50	90	1.75
All Head Early	5	10	20	75	1.35	2.25
Early Drumhead	5	10	15	40	75	1.50
Large Late Flat Dutch... 5	10	15	40	75	1.50	
Large Drumhead	5	10	15	50	85	1.60
Short-Stem Drumhead	5	10	15	50	85	1.60
Succession	5	10	20	75	1.35	2.25
Fotller's Brunswick	5	10	15	50	85	1.60
Drumhead Savoy	5	10	15	50	90	1.75
Rock Red Mammoth	5	10	15	50	90	1.75
Early Summer	5	10	20	75	1.35	2.25
Volga	5	10	15	50	90	1.75
Early York	5	10	15	50	90	1.65

All above prices postpaid.



Premium Late Flat Dutch

CARROTS

FOR TABLE USE

Ger., Mohrrueben; Fr., Carotte; Sp., Zonahoria; Ital., Carota.

The Carrot is one of the most wholesome and nutritious of our garden roots, deserving to be more extensively used for culinary purposes, and we urge our customers to give some of the early table varieties as well as feeding sorts a trial. For horses, and especially as winter feed for milch cows, the carrot cannot be surpassed, and it should be more largely grown by farmers for this purpose.

One-half ounce will sow 100 feet of drill, and 2½ pounds will sow an acre; crop matures in 70 days, and 400 to 700 bushels can be taken from an acre.

CULTURE: Plow or spade deeply a rich sandy loam. Sow in drills twelve inches apart, between the rows, and thin to a stand. For field culture sow in drills three feet apart, between the rows, to permit cultivation by horse power. It is best to firm the seed in the ground after sowing, and for this purpose a drill with roller follower should be used.

PRICES on Table Carrots:

	Pkt.	oz.	¼-lb.	½-lb.	1b.
Ox Heart	5	10	25	45	85
Nantes	5	10	30	60	1.00
Danvers Half Long.....	5	10	25	45	85
Long Orange	5	10	25	45	85
Chantenay	5	10	30	60	1.00

All above prices postpaid.

CARROTS.

FOR STOCK FEEDING.

CULTURE: Employ same methods as for Table Carrots.

LARGE WHITE BELGIAN Grows one-third out of the ground. Roots pure white, green above ground, with small top. Flesh rather coarse. The roots on light, rich ground grow to a large size and are extensively grown for stock feeding.

YELLOW BELGIAN A good field variety, similar to White Belgian in shape and size, but of orange color.

NEW MASTODON This is the heaviest cropping Carrot grown. The flesh is white, crisp and solid, very sweet in flavor, and eagerly eaten by stock. It differs from White Belgian in shape, the roots being shorter and heavier at the shoulder. An important feature is that they are easily gathered and do not break in pulling or storing. The roots frequently measure twelve to eighteen inches in circumference and eighteen to twenty tons is not an extravagant statement as to yield. We do not hesitate in recommending this variety.

LARGE WHITE VOSGES, OR IMPROVED SHORT WHITE—A stock variety which is enormously productive and easy to harvest. Color light green above ground, white below; flesh rich, white, solid and crisp; heavy yielding.

MARKET GARDENERS



FAVORITE

DANVER'S HALF LONG Grown largely on account of its great productiveness and adaptability to all classes of soil. A broad shouldered, cylindrical, dark orange variety. Tops of medium size. Roots of medium length, 6 to 8 in. long. The smooth and handsome roots are deep orange, tapering uniformly to a blunt point; flesh sweet, crisp and tender and of a deep orange color. Our market gardeners and truckers will have nothing else. 70 days.

OX HEART The best of the short varieties in color, flavor and shape. Tops comparatively small. Roots about 4½ inches long, very thick, ending abruptly in a small tap root. Flesh bright orange, fine grained and sweet.

NANTES A stump-rooted, one-half long variety. Tops small, roots cylindrical, smooth, bright orange; flesh orange, becoming yellow in center. Usually about five inches long. Excellent for the market or home garden. A good keeper, quick grower and ready seller.

LONG ORANGE The old long yellow "our grandmothers grewed," and still very much liked.

CHANTENAY Tops medium sized; necks small; roots tapering slightly but uniformly stump-rooted and smooth, color deep orange red; flesh very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any; is a heavy cropper and undoubtedly one of the best for both market and home garden, while its great productiveness makes it very desirable as a field sort.

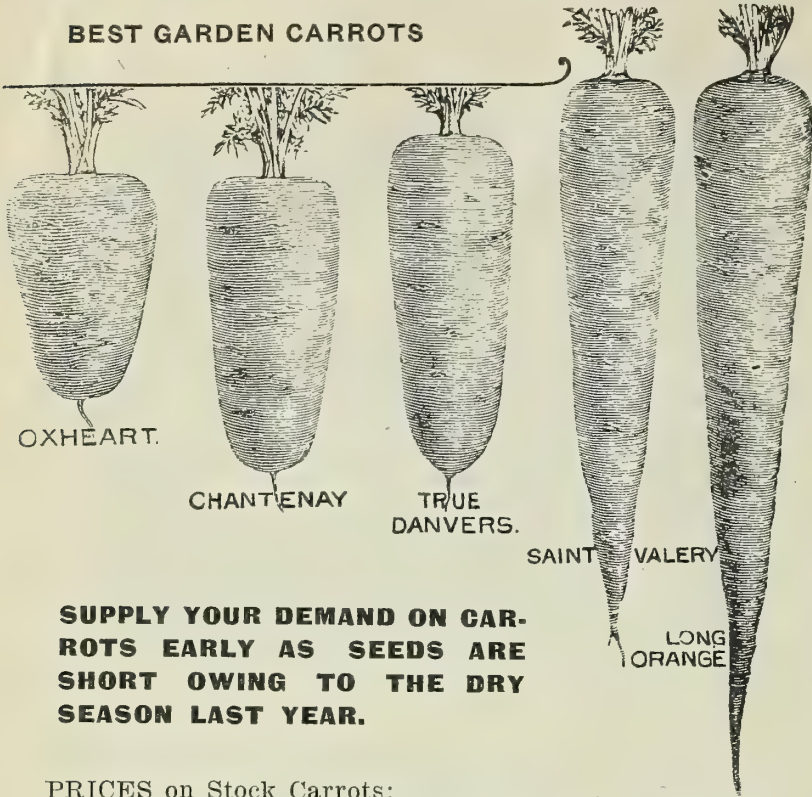
FINE FOR



HOME USE

Chantenay

BEST GARDEN CARROTS



SUPPLY YOUR DEMAND ON CARROTS EARLY AS SEEDS ARE SHORT OWING TO THE DRY SEASON LAST YEAR.

PRICES on Stock Carrots:

	Pkt.	oz.	¼-lb.	½-lb.	lb.
Large White Belgian	5	10	20	35	70
Large Yellow Belgian	5	10	20	35	70
New Mastodon	5	10	20	35	70
White Vosges	5	10	20	35	70

All above prices postpaid.

CELERY

Ger., Sellerie; Fr., Celeri; Sp., Apio; Ital., Sedano.

CULTURE: Sow in December, January and February in hot-beds for early transplanting, and in August and September for a later crop. Sow thinly and shade during the hot months. When the plants are six inches high, transplant into trenches about 4 inches deep, 9 wide and 2½ feet apart, made very rich by digging in rotten manure. Plants should be from 6 to 8 inches apart.

An ounce will produce about 3000 plants, and one pound will plant one acre; ready for market in 140 to 175 days.

GOLDEN SELF-BLANCHING This is the best Celery for early use. This variety is now the leading sort in all markets as an early Celery. The stalks are much broader and heavier than those of the White Plume, and greatly superior in quality. It is ready for use nearly as early, producing a dwarfier and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety make it only necessary to be tried in order to establish it as the standard of excellence as an early sort. Pkt., 5c; ½-oz., 50c; oz., 90c; ¼-lb., \$3.50; lb., \$12.00, postpaid.

WHITE PLUME A handsome, very early variety much in demand as a market sort. Leaves light bright green with tips almost white, of a very good flavor, crisp and tender. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c; lb., \$2.50.

LARGE SMOOTH PRAGUE An improved form of turnip-rooted celery producing large, nearly round roots which have comparatively few side roots. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼-lb., 40c; lb., \$1.50, postpaid.

FLAVORING CELERY This is old seed and is used only for flavoring soups and pickles; making celery salt, celery bitters, etc. Price per packet, 5c; per oz., 10c; per lb., 40c.

GERMAN CELERIAC, OR TURNIP ROOTED CELERY Sow the seed at the same season and give the same treatment as common celery. Transplant the young plants to moist rich soil, in rows two feet apart and six inches apart in the row. Give thorough culture. As the roots are the edible portion of this vegetable, it is not necessary to earth up or "handle" it. After the roots have attained a diameter of two inches or over, they are fit for use. To

CHERVIL

Ger., Gartenkernel; Fr., Cerfeuil; Ital., Serfoglio.

A hardy annual, worthy of more general use for flavoring and garnishing. The curled variety is even more beautiful than parsley and can be used to great advantage in beautifying dishes of meats and vegetables.

CULTURE: Sow in early spring in rich, well-prepared soil, and when plants are well established transplant to about one foot apart.

CURLED Greatly superior to the old, plain variety, being earlier, handsomer and having fully as fine perfume and flavor. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼-lb., 25c; 1 lb., 75c.

CHICKORY

Ger., Cichorienwurzel; Fr., Chicoree; Ital., Cicoria Selvatico.

LARGE-ROOTED, OR COFFEE Our stock is the improved type, with very much larger; smoother, whiter and proportionately shorter roots than the old kind. Price, pkg., 5c.



Golden Self-Blanching

keep through winter, pack in damp earth or sand and put in the cellar or leave out of doors, covering with earth and straw like beets and carrots. Price, pkt., 5c; oz., 15c; ¼-lb., 40c.

GIANT PASCAL One of the best for fall and winter use. It is a selection from the Golden Self-blanching and adds to the general good quality of its parent superior keeping qualities. The stalks are very large, solid, crisp and of a rich, nutty flavor. It blanches very easily and quickly. The heart is golden yellow and very attractive. Pkt., 5c; ½-oz., 10c; oz., 20c; ¼-lb., 60c; lb., \$2.00, postpaid.

CAULIFLOWER

Ger., Blumenkohl; Fr., Chow-fleur; Sp., Califlor; Ital., Cavol-fiore.

An ounce of seed will make about 2000 plants; four ounces will plant an acre. Ready for table in 100 days or less.

CULTURE: Same as for Cabbage, remembering that as the Cauliflower goes into bloom, there should be an abundance of water at the roots.

SELECTED Is superior to **SNOWBALL** all others. It is **CAULIFLOWER** the earliest of all Cauliflowers. Its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with other varieties. For forcing under glass during winter and spring Snowball is peculiarly adapted, from its dwarf growth and short outer leaves and for this purpose no other Cauliflower is now so largely grown. Especially adapted to South Texas. The plants are compact, with few short outside leaves. Heads are of medium to large size, solid, compact, round, very white and curd-like. Our strain of Snowball Cauliflower, grown by the most expert Danish and other European growers, is excellent and is intended to supply the most critical trade with seed that can be depended upon as the very best.

Pkt., 20c; ¼-oz., 75c; ½-oz., \$1.50; one oz., \$2.50.

AUTUMN GIANT Late, strong habit, large, compact heads and large leaves for protection. Price per packet, 10c; ½-oz., 25c; oz., 40c.

ALGIERS A late sure-flowering sort of excellent quality. Plants large, of upright growth, the leaves protecting the heads so that they will endure uninjured a frost that would ruin most other sorts. Price per packet, 20c; ½-oz., \$1.25; oz., \$2.00.

EARLIEST DWARF An early variety, with large heads, **ERFURT** produced on short, compact stalks. Outside leaves are short; almost as early as Snowball. Heads of medium to large size, curd white, exceptionally deep and of finest quality. Per packet, 15c; ¼-oz., 60c; ½-oz., \$1.00; oz., \$1.75.

DRY WEATHER (Copenhagen)—This is the one to try if you have had trouble growing Cauliflower. Medium early, very large, and sure to head. Seems to be able to stand all kinds of grief. Will come nearer carrying through the hot weather than any other kind we have ever seen. Packet, 20c; ¼-oz., 75c; ½-oz., \$1.50; oz., \$2.50.

Chives or Schnittlauch

Chives are very hardy and perennial members of the onion family. They are grown exclusively for their tops. Planted in clumps in any garden soil, they grow rapidly, and increase so as to render a division necessary. The tops appear very early in spring and can be cut throughout the season. They are fine for flavoring steaks and salads of all kinds.

Roots, per bunch, 25c by mail, postpaid.

Seeds, pkg., 25c; oz., 40c; ¼-lb., \$1.50.



Selected Snowball Cauliflower

COLLARDS

Ger., Blaetter-Kohl; Fr., Chou.

Nearly related to and should be treated like Cabbage; extensively grown throughout the South for "Greens." Our stock is Georgia grown.

GEORGIA SOUTHERN, This is the white or green **OR CREOLE** stemmed variety, growing two or three feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. Freezing does not injure, but rather improves their quality.

Pkt., 5c; oz., 10c; ¼-lb., 25c; 1 lb., 75c, postpaid.

GEORGIA BLUE STEM Favorite and standard for South Texas. Per pkt., 5c; per oz., 10c; per ¼-lb., 25c; per lb., 75c, postpaid



Collards

Corn Salad or Fetticus

Ger., Feldsalat; Fr., Mache; Ital., Valeriana.

This small salad is used during the winter and spring months as a substitute for Lettuce and can also be used and cooked like Spinach.

LARGE SEEDED Pkt., 5c; oz., 10c; ¼-lb., 20c; 1 lb., 60c, postpaid.

COTTON

All of our COTTON SEED, with the exception of our native seed, is obtained from districts where the boll weevil is unknown, and is, therefore, free from the germ of this abominable pest. Our seeds will be found as true to name as skilled growing can produce them. Prices on large lots and car lots furnished on application.

RUSSELL'S BIG BOLL This Cotton is so **PROLIFIC** well known among growers that it does not need very much introduction. It is a thrifty, large five lock Cotton, and is practically storm proof. It is a strong, stout plant and a vigorous grower, and produces a good, strong lint, and will produce a lint yield of 33 1-3 to 38 per cent.

Express or freight, not prepaid, peck, 50c; bu., \$1.50.

KING'S IMPROVED Owing to the extreme **EXTRA EARLY** earliness of production, this variety has been called "The Weevil Beater." If the boll weevil has appeared in your district, by all means plant King's Improved and your crop will be harvested before the weevil wakes up. The percentage of lint is very high. The bolls are small and the plants are very strong and large producers, and it is a good early marketable Cotton.

Express or freight, not prepaid, peck, 75c; bu., \$2.00.

MEBANE'S IMPROVED Too much praise cannot be given this wonderful native Texas Cotton. Produces a good, strong staple, is a heavy yielder, stalks of uniform size; large five-lock bolls. Very frequently forty bolls will turn out a pound of cotton. This variety is in greater demand in boll weevil sections than any other sort, because it is earlier than any other large boll sort. The bolls of this variety open out widely but the lint is set firmly in the boll, making it to a great extent a storm-proof sort. Easy to pick, each boll giving a handful of Cotton and always turning out over 36 per cent lint, generally 37½ to 40 per cent lint. This Cotton is fast taking the place of other varieties of older origin and Cotton imported from other States.

Express or freight, not prepaid, peck, 50c; bu., \$1.50.

ROWDEN'S IMPROVED BIG BOLL PROLIFIC It has the largest sale of any Cotton ever sold in Texas, and all who plant it say it is the best Big Boll Cotton they have ever grown. It is far superior to the famous Storm-Proof in hanging in the boll. It also over one-third itself, 1400 pounds Seed Cotton making 500 pounds lint; staple equal to any grown in Texas, and will show a lint yield of 33 1-3 to 38 per cent, and the ordinary picker can easily pick from 300 pounds to 500 pounds per day. We recommend this Cotton to our customers. Each boll of Cotton is a handful in itself. Selected Seed. Express or freight, not prepaid, peck, 50c; bu., \$1.50.

WOOTEN'S COLUMBIA BIG BOLL This famous Big **LONG STAPLE COTTON** Boll Long Staple Cotton is one of the earliest, most prolific and drouth resisting Cotton ever planted in Texas. It forms medium large leaves and has very large bolls with 70 per cent five locks, which hold the Cotton firmly and is therefore fairly storm-proof. The lint varies in length, from one and



Cotton

one-eighth to one and three-eighths inches, and is not only long and of fine milling quality, but also very strong. It is one of the best yielders, the quantity of lint being thirty-two per cent and was sold 18c to 22c per pound. Requires no special gin to gin it, the method being simply to raise the gin breast in order to run a loose roll. The staple will run one and three-sixteenths to one and three-eighths inches; light soil giving the finest fibre—heavy ones the greatest per cent of lint. The yield per acre being equal to any of the short staple varieties. Plant in four-foot rows 15 inches apart, 1 bushel to the acre.

Express or freight, not prepaid, peck, 60c; bu., \$2.00.

CRESS

Ger., Kresse; Fr., Cresson; Sp., Mastruco; Ital., Agretto.

CULTURE: The seed should be sown in drills about sixteen inches apart, on very rich ground and the plants well cultivated. It may be planted very early but repeated sowings are necessary to secure a succession.

NEW UPLAND CRESS Has the highly prized flavor of Water Cress. It is a perennial plant and can be grown for several years without renewal. Pkt., 5c; oz., 30c.

CURLED, OR PEPPER GRASS This small salad is much used with lettuce; also for garnishing, to the flavor of which its warm, pungent taste makes a most agreeable addition. Per pkt., 5c; oz., 10c; 2 ozs., 15c; ¼-lb., 20c; 1 lb., 50c, postpaid.

TRUE WATER This is quite distinct from the last, and only thrives when its roots and stems are submerged in water. Pkt., 5c; oz., 30c; 2 ozs., 55c; ¼-lb., \$1.00; 1 lb., \$3.00, postpaid.

CUCUMBERS

Ger., Gurken; Fr., Concombre; Sp., Pepino; Ital., Cetriolo.

An ounce will plant 100 hills; 2½ pounds will plant an acre. Ready for market in 50 days from planting.

CULTURE: If planted before danger of frost is passed, they must be protected. Sow in hills 3x4 feet, ten or twelve seeds to the hill, and after they sprout thin to five or six, always selecting those which seem most vigorous. In each hill, before planting, put a shovelful of well-rotted manure. Keep down the weeds with cultivator and hoe. Keep a watchful eye for insects and destroy them as fast as they appear. Our Cucumber seeds are the most profitable for the market gardener or trucker, as they are the most satisfactory for the family garden. They are grown to our order by the very best growers, who are specialists, and reside in localities peculiarly adapted to the maturing of the different varieties. Don't fail to plant for a fall crop of Cucumbers.

NOTE—Growers will be wise to scatter Tobacco stems thickly over their Cucumber beds as they materially keep down destructive insects. On the first appearance of insects, spray and SPRAY THPOROUGHLY with Tobacco tea, fish oil soap or kerosene emulsion. Don't sprinkle—**SPRAY.**



Klondike

DAVIS This very desirable new sort originated with one of the largest market gardeners. In color, a dark, glossy green, shape slim and symmetrical, with an average length of ten to twelve inches. They hold their color until nearly ripe, when they turn white. It is as early as the earliest strain of white spine; heavy yielder. With very few seeds, the solid white flesh is of superb quality for slicing.

KLONDIKE A medium early white spined Cucumber of handsome, very dark green color and of excellent quality for slicing. Fruits grow about 8 inches long, uniform in size and shape. Color, dark green, slightly striped at the ends. The dark green color is retained much longer and is affected less by the hot sun than any other. Its size, shape and splendid color make this sort very desirable for shipping.

EARLY FORTUNE Highly esteemed for the attractive, medium-sized pickles which it produces. It bears profusely. The fruits are dark green, tender, crisp, and fine for slicing. They are of uniform, cylindrical shape.

EVERGREEN WHITE SPINE Beautiful in shape and color and of the finest quality. The fruit is long, cylindrical, dark green, with very white, crisp and tender flesh. The vine is vigorous and productive and comes into full bearing somewhat later than Early White Spine. The mature fruits are about eight to nine inches long.

EXTRA LONG WHITE SPINE Smooth, round, handsomely colored fruits, 8 to 10 inches long and very regular in size and form; of excellent quality. Crisp and tender at all stages of its growth, and slow to make seed.

TAILBY'S HYBRID Remarkably free from culls, prolific, retains color a long time, and adapted to all uses.

IMPROVED LONG GREEN Vines very vigorous and productive, forming fruit fit for the table nearly as early as the shorter sorts; fruit about twelve inches long, firm and crisp. Excellent for pickles; also the mature fruits are sometimes used for making sweet pickles. We offer a carefully selected strain, uniformly long and dark green in color and with the large warts and spines well distrib-

uted over the surface instead of being clustered at one end as in inferior stock.

EXTRA EARLY LONG GREEN Has all the good traits of the Improved Long Green, with the additional one of being extra early in attaining market size.

EARLY FRAME A good early variety, but not so popular as the foregoing kind. As it is a very small variety, it is used extensively for pickling.

EARLY CLUSTER A very productive variety, bearing its fruits in clusters of two and three. Vines are hardy and very vigorous. Fruits short, thick, bright green, shading lighter at blossom end, crisp and tender. Used for pickling as well as slicing.

JAPANESE CLIMBING CUCUMBER The vines are extra strong and foliage more vigorous than other kinds. Being of a climbing habit, it can be grown on trellises, etc. Fruit is round, about 10 inches long, thick, of fine flavor. It is very prolific, from forty to fifty cucumbers growing on a single plant.

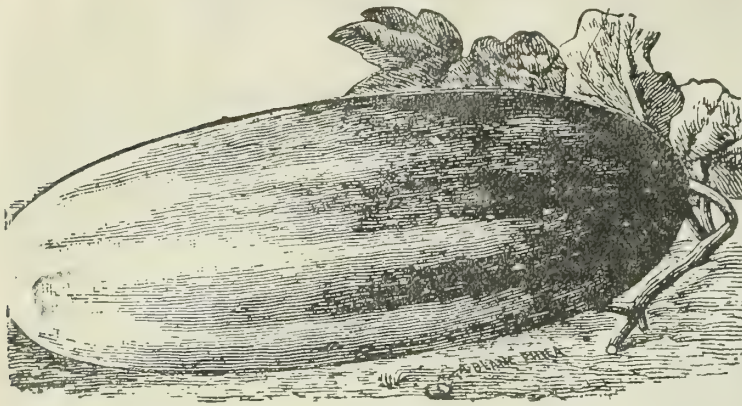
PERFECTED JERSEY PICKLE The small cucumbers of this splendid variety are short, cylindrical and blunt ended, making, when packed in bottles, very handsome, showy pickles of the very best quality. For this purpose we recommend the variety more highly than any other sort.

WEST INDIA GHERKIN A very small, oval-shaped prickly variety, quite distinct from all others and grown exclusively for pickles. It is the smallest of all the varieties and should be pickled when young. Seed germinates slowly.



Improved Long Green

CUCUMBERS—Continued.



Arlington White Spine

ARLINGTON WHITE SPINE A selection from the Early White Spine, being more pointed at both ends. Young fruits are crisp and tender and dark green in color. Preferred by many for small pickles. Excellent for slicing. Fruits growing about six and one-half to seven inches

long. Flesh is white, crisp and solid, with comparatively few seeds. Vines of vigorous growth and very productive.

LONG GREEN TURKEY A long variety, attaining a length of from fifteen to eighteen inches when grown. Very fine and productive.

PRICES on Cucumbers:	Pkt.	oz.	¼-lb.	½-lb.	lb.
Klondike	5	10	30	45	85
Extra Early White Spine.....	5	10	30	45	85
Tailby's Hybrid	5	10	30	45	85
Improved Long Green	5	10	30	50	95
Extra Early Long Green.....	5	10	30	45	85
Early Frame	5	10	25	40	75
Long Green Turkey	5	10	30	45	85
Early Cluster	5	10	25	40	75
Arlington White Spine	5	10	30	45	85
Japanese Climbing	5	15	40	70	1.25
Perfected Jersey Pickle	5	10	30	45	85
West India Gherkin	5	15	45	80	1.50
Early Fortune	5	10	30	45	85
Evergreen White Spine	5	10	30	45	85
Davis Perfect	5	10	35	60	1.10

Above prices are all prepaid. If wanted by express or freight, DEDUCT 10c per lb.

CHOICE SELECTED SEED CORN

Every planter realizes what GOOD SEED CORN means, and we have spent both time and money in securing the BEST and HIGHEST GRADES that can be produced, and our customers can rest assured of getting a QUALITY for next season that can not be BEAT.

The most important question that comes before the farmer is the selection of seed corn. Realizing this fact, it has always been our aim to select and supply only the very best grade of corn obtainable, and we are proud to say that we have succeeded. Again this year we have spared no effort to secure the most valuable varieties grown which have been tried and proven to be what is claimed for them.

Our corn is and for years has been grown for us by skilled specialists, and our friends will find it always of high grade and strong germinating power.

CORN IS ONE OF THE MOST IMPORTANT CROPS, NOT ONLY IN THE UNITED STATES, BUT OF THE ENTIRE WORLD. A GOOD CROP IN THE UNITED STATES REPRESENTS A FARM VALUE TWICE AS GREAT AS THE COTTON CROP.

The rapid growth of the live stock industry and the advantages of diversifying crops have led to a marked increase in the acreage of Corn in all of the Southern States. The South has special advantages for the raising of corn, in the long season during which it may be grown and the ready sale of the crop at remunerative prices. Planting may be done as early as February in the Gulf States, or it may be deferred until after a crop of oats, for instance, has been gathered from the land in June. Any soil which will produce a good crop of cotton will also produce good corn or any land which has made good crops of hay will make a good crop of corn immediately after the sod has been plowed. White dent varieties usually make a heavier yield than colored sorts, though many of the latter are more vigorous and hardy.

CULTURE: Plant in hills 3x3 feet, and cultivate shallow, but continuously. When the Corn is "laid by," plant Cow Peas in the water furrow. If no other variety can be had Black Eyes will do. The Cow Peas will nitrogenize the soil, and at the same time provide food for your stock, to say nothing of what your family will eat.

WHITE WONDER This Corn originated in Oklahoma and has demonstrated to be the best to withstand adverse weather conditions and has become a general favorite with planters of South Texas. In favorable seasons this corn will yield from 80 to 100 bushels per acre, while other varieties make from 35 to 50 bushels. It is the only early variety that matures large ears, ripening at the same time as the earliest sorts. Being a luxuriant and rapid grower it shades the ground early in the season, thus conserving the moisture and enabling the corn to withstand the drouth.

CHAMPION WHITE PEARL Undoubtedly and unqualifiedly the best all-round Corn on earth. An entirely distinct pearl white variety of corn; especially adapted to our Gulf Coast region. Ears grow large and smooth, 10 to 12 inches long, 16 to 20 rows kernels. Is very productive and ears are very heavy. Grains are extra deep and wide, cob is very small;

matures in 85 to 90 days. It is pearly white, rich in saccharine matter, prolific, ears well shaped and quick to mature. It is unexcelled as a stock food and makes an excellent roasting ear. Under favorable conditions, roasting ears can be pulled in 42 days.

IOWA SILVER MINE A snow-white Corn of larger grain than the above, an excellent field Corn. Silver Mine is one of the leading varieties of pure white Corn with a white cob, its desirable characteristics being deep grain, full of oil, ears well filled out, small space between the rows, and a good yielder even on poor soil. The stalks are rather short and heavy, ears are of uniform type; 16 to 20 rows, deep, pure white kernels set on small white cob, which dries out very readily and makes this sort earlier for market or cribbing than any other kind. Silver Mine is well adapted to a wide range of soils; it will frequently shell out 62 pounds of corn from 70 pounds of ears. Matures in 90 to 100 days.

SEED CORN—Continued.

MASTODON A large grain, large-eared, early maturing Yellow Corn, maturing in 60 days. This variety is locally known as "Yellow Dent" and is very generally planted.

KING OF THE EARLIEST The earliest and most prolific Yellow Corn known, and the one most generally planted in this section of the State.

LEGAL TENDER A next-early Yellow Dent, the grains of which are narrower and a fraction longer than the Mastodon.

BLOODY BUTCHER A most beautiful large-grained Red Corn. It is an enormous yielder of large, handsome ears, measuring from 10 to 12 inches long and containing from fifteen to twenty rows of splendid, deep grains.

TUXPAN A white Corn of Mexican origin, which is said to be nearly weevil proof; a vigorous grower, and can be planted either for early or late crops, and not infrequently is planted for both. We have been very careful in keeping our strain pure.

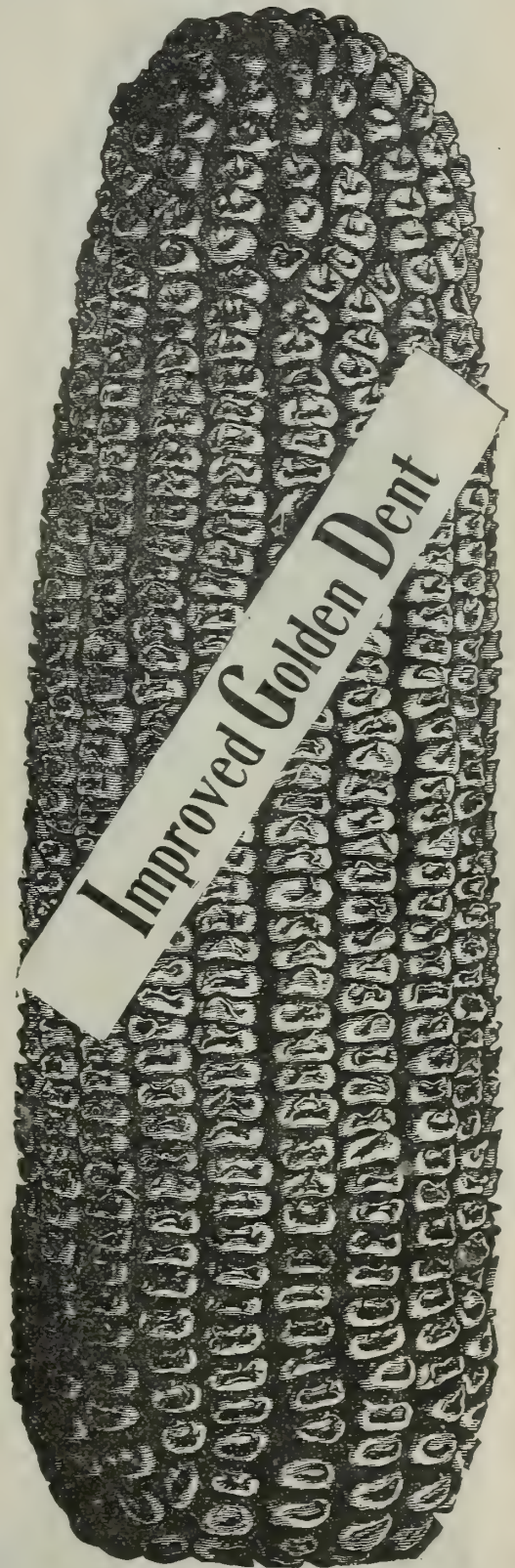
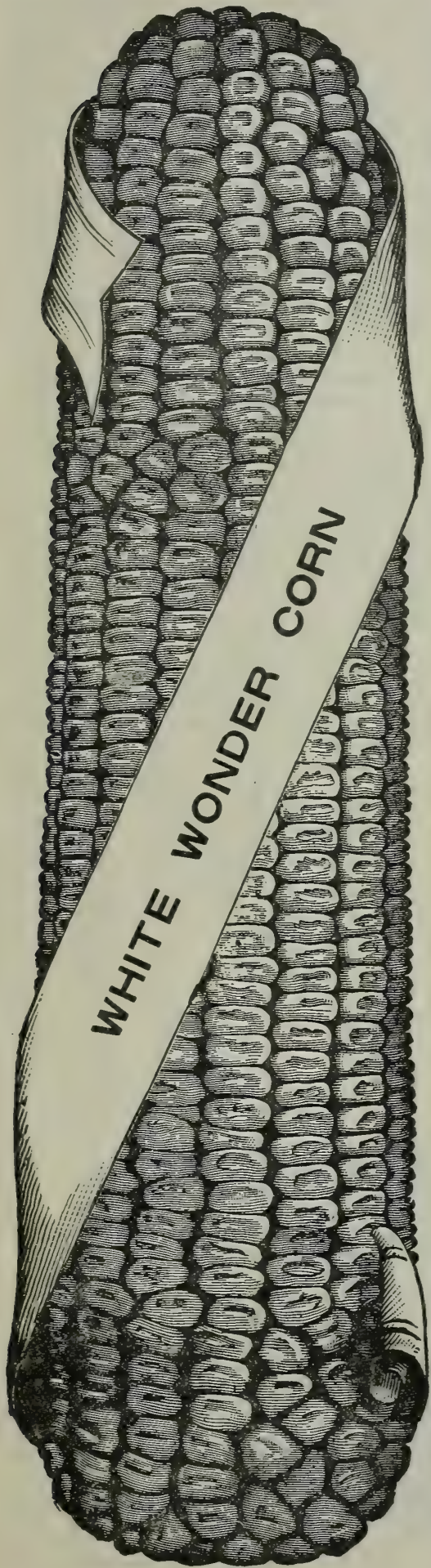
IMPROVED GOLDEN DENT A standard variety and one of the very best yellow grained Corns for the South. A most excellent variety; has straight rows. The cobs are of medium size and are extra well filled at the tip and butt with splendid deep kernels of light golden yellow color. Kernels are hard and moderately dented. Matures in 100 days. It is a vigorous grower, heavy yielder and a very popular stock Corn. It has given good satisfaction wherever planted and we highly recommend it to anyone who has not already given it a trial.

STRAWBERRY One of the best feeding varieties grown. Enormously productive, with ears of very large size.

SQUAW We sold quite a lot of this Corn in Texas the past season, and it has certainly come to stay. Some of our farmers say it is the best Corn they ever planted. It is a natural drouth resister. In yield it surpasses anything we have ever grown. Ears grow from 10 to 12 inches long and carry from 10 to 24 rows plump grain. One of the quickest maturing varieties; matures 85 days after planting. We cannot too strongly recommend this Corn. This Corn can be planted in spring and summer and makes two crops. A great many people prefer it to Mexican June Corn. Makes splendid roasting ears. It has a small, long ear, and is the original Indian Corn. The grains are peculiar, some being red, blue, speckled and white—more blue than any other color; has very plump grains and always fills out in any season and should be tried by every Corn grower.

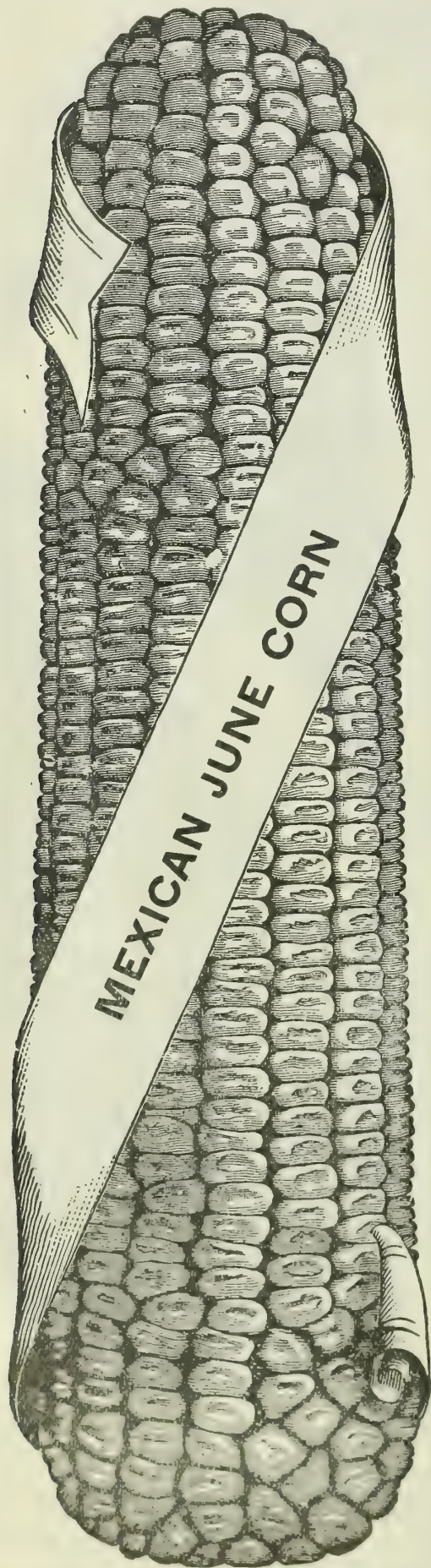
GOURD SEED OR SHOE-PEG Dent Corn. Has a very large ear, usually measuring 9 to 11 inches in circumference and 7 to 10 inches in length. Often has 28 rows of kernel to the ear. Makes a very large stalk of medium height. Splendid for roasting ears. Matures in about 120 days and yields from 50 to 75 bushels per acre.

GOLDEN BEAUTY (100 days.) The ears are perfect shape, with from 10 to 14 straight rows of bright yellow grains; remarkable in size, and filled out completely to the end of the cob. The richness of color and fine



CORN—Continued.

HICKORY KING A prolific white Dent Corn, with large grains and remarkably small cob. Two and three ears are frequently borne on a stalk. This Corn comes nearly being all Corn and no cob, the grain being so large that one of them will cover the end of the cob. Ears are from 7 to 10 inches long; very productive and very desirable for roasting ear Corn.



quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ear, and in every respect as perfect a type as it could be possible to have. **CROP SHORT.**

IOWA GOLD MINE Iowa Gold Mine is quite similar in appearance to the Silver Mine, but is a trifle earlier in maturing. In this Corn we have found one that combines the good qualities of all the Yellow Dent varieties. The length of the grain is one of its special features, which, combined with a medium sized cob, makes it a heavy yielding Corn. From 70 pounds of ears, 60 to 62 pounds of shelled Corn may be obtained. The color of the grain throughout is bright yellow. Among the different yellow varieties the Iowa Gold Mine has the finest appearance, both on the cob and shelled.

PRIDE OF THE NORTH (85 days.) This is the best early dent Corn grown. Strong, hardy, vigorous grower from the start. The ears are medium small, kernel deep and cob bright red. It is excellent for early feeding and can be planted thickly and still make full-sized ears. Ripens earlier, dries out quicker, makes better fodder, stands drouth better and will yield more No. 1 Corn to the acre than any other variety, and bring the most money in the market.

IMPROVED EARLY LEAMING The ideal corn for the stock raiser; does well everywhere. Hardy, vigorous, and thrifty. There are varieties which excel in size, production and other points, but no kind is more dependable. The grain is deep, color dark yellow and is very rich in oil and protein. It is a most excellent feeding variety, and a very popular sort for silage purposes as the foliage grows profusely and fine and makes the sweetest fodder and silage.

TEXAS YELLOW This variety is one of the heaviest croppers and a sure yielder. Stalks are growing to a height of 7 to 8 feet which is rather large and low. Ears are usually 10 to 12 inches in length, forming 16 to 20 rows of kernels. The latter are deep, long and well proportioned. Matures in 90 to 100 days.

TEXAS WHITE A splendid variety, makes enormous ears, measuring 12 inches. Grain is large and deep; white cob. Will surely please everyone who plants it.

KANSAS WHITE A selected white Corn, much used by large planters; an excellent Corn, but, being without a "pedigree," is usually sold at only a slight advance on select high-grade Corn.

PRICES on Corn:	½-Pk.	Pk.	½-Bu.	Bu.
Champion White Pearl	30	50	95	1.75
Iowa Silver Mine.....	30	50	95	1.75
Mastodon	30	50	95	1.75
King of the Earliest.....	30	50	95	1.75
Legal Tender	30	50	95	1.75
Strawberry	35	60	1.00	2.00
Hickory King	40	75	1.40	2.75
Tuxpan	40	75	1.40	2.75
Improved Golden Dent	30	50	95	1.75
Gourd Seed or Shoe-Peg	40	75	1.40	2.75
White Wonder	35	60	1.10	2.10
Squaw	35	70	1.20	2.40
Kansas White	30	55	1.00	1.90
Texas White	30	55	1.00	1.90
Texas Yellow	35	65	1.25	2.25
Golden Beauty (Crop short).....	30	55	1.00	1.90
Iowa Gold Mine	30	50	95	1.75
Bloody Butcher	40	75	1.40	2.75
Pride of the North.....	30	50	90	1.75
Improved Early Leaming	30	50	90	1.75

Above prices by express or freight at purchaser's expense. Write for prices in large quantities.

Dwarf Mexican June Corn

IMPORTED MEXICAN JUNE CORN The best success is obtained from imported June Corn. Texas grown June Corn will not give as good results. June Corn is a dry weather crop. Its roots reach deep in the soil and draw nourishment from a depth never attained by our more Northern Corn. The only possible failure of a crop is during a very wet season. This Corn grows only from 6 to 8 feet high, and planted as late as July 15th, it will produce roasting ears by September 15th. Can be planted up to August 1st, but general planting season is May, June, July. This Corn is grown by the most experienced and trustworthy grower, and you can absolutely depend on its genuineness. Prices, 30 cents per quart, postpaid; express or freight at purchaser's expense, qt., 20c; ½-pk., 50c; pk., 90c; ½-bu., \$1.75; bu., \$3.00.

Sweet, Sugar or Garden Corn

WHITE SNOWFLAKE CORN This is considered one of the best white garden varieties ever introduced in the South. The stalks grow from seven to eight feet and produce two good-size ears each, the cob of which is very small and the grains deep. It is a splendid Corn for shelling and of fine quality for roasting.

EXTRA EARLY ADAMS A splendid garden Corn, with small grains and ears, but maturing early and bringing the highest prices in the market. This is not a sweet Corn, but produces ears well filled with tender, white grains. On account of its hardness and hard, round grain, it can be planted very early.

EARLY ADAMS Following the Extra Early in season, but with larger grains and ears, but about seven days later. This variety is equally as hardy as the preceding; forms stalks 6 to 7 feet high, ears well filled with excellent white kernels which are larger than the Extra Early. This Corn is the favorite with our market gardeners for extra early roasting ears.

COUNTRY GENTLEMAN A Sugar Corn which has given perfect satisfaction, frequently producing three to five ears to the stalk; grains deep and narrow and zigzagged on the cob; ears small, but very rich in sugar. It is the most delicious of the late sorts.

STOWELL'S EVERGREEN The ears are large, having more than fifteen rows of deep, luscious kernels. Most popular sort amongst late Sugar Corns. The old standard variety, too well known to more than mention.

MAMMOTH SUGAR A large late variety, having ears of mammoth size, 15 to 20 rows. Quality excellent, not exceeded by any variety. A week later than Stowell's Evergreen.

METROPOLITAN One of the popular early Sweet Corns. The stalks grow about 4 feet in height and, as a rule, bear two good sized ears. The ears are 10-12 rowed, cob is white and the kernels are large and very sweet. On account of its hardness it is quite valuable for very early planting. As it matures sometimes just as there is a let-up on the market from the extra early, and before the medium season Corns come in, some of our market garden customers have been quite successful growing this variety.

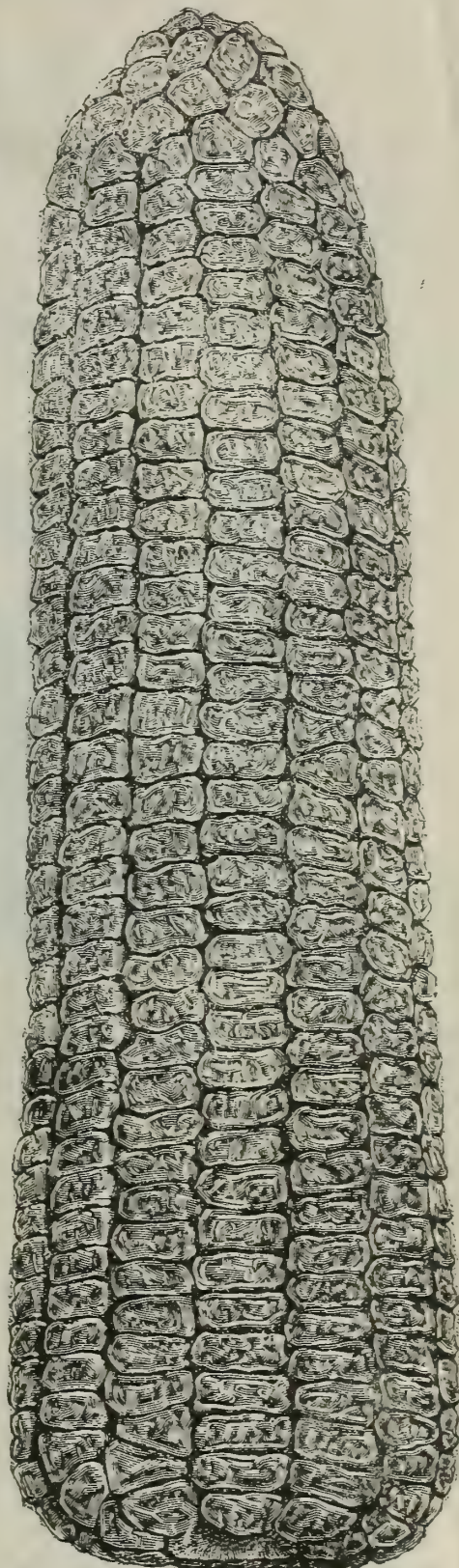
BLACK MEXICAN A medium early variety, growing about six feet in height; ears 8 inches long, well filled with eight rows of large, rather flat grains, which are a deep bluish purple, of very sweet flavor.

All our Corn is grown FOR US by Specialists, who have devoted their entire lives to this line of business.

PRICES on Garden Corn:

	Postpaid		Not Prepaid	
	Pt.	Qt.	1/2-Pk.	Pk.
Extra Early Adams	20	35	60	1.00
Early Adams	20	35	60	1.00
Country Gentleman	20	35	60	1.00
Stowell's Evergreen	20	35	60	1.00
Mammoth Sugar	20	35	60	1.00
Metropolitan	20	35	60	1.00
Snowflake	20	35	75	1.35
Black Mexican	20	35	75	1.35

If Corn in pints and quarts is ordered by express or freight, DEDUCT 5c per pint and 10c per quart.



Extra Early Adams

ENDIVE

Ger., Endivie; Fr., Chicoree; Sp., Escarola; Ital., Indivia.

One ounce will plant 100 feet of drill; three pounds will plant an acre.

CULTURE: Seed may be sown at any time except February and March; sow

in drills three feet apart and thin to ten inches in the row; ten days before wanted for the market, bring the outer leaves to the center and tie together, which bleaches the inner leaves.

LARGE GREEN CURLED An early vigorous growing variety, having the midribs of the outer leaves and usually tinged with rose. Leaves finely laciniate, giving the plant a mossy appearance. Pkt., 5c; oz., 15c; 1/4-lb., 40c.

WHITE CURLED Does not need blanching, the midribs being naturally of pale golden yellow, and the finely cut and curled leaves almost white. Pkt., 5c; oz., 15c; 1/4-lb., 40c.

BATAVIAN ROUND LEAVED A variety having broad, more or less twisted and waved green leaves with thick, white ribs. Very crisp and tender and of fine flavor.

PRICE: Pkt., 5c; oz., 20c; 1-lb., \$1.25, postpaid.



Endive

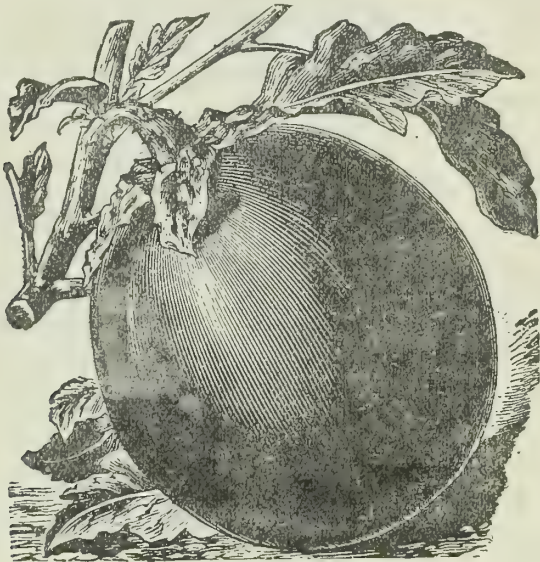
EGG PLANT

Ger., Eierpflanze; Fr., Auberguie; Sp., Beringene; Ital., Petronciano.

One ounce of seed will produce 1000 plants.

In our Coast Country these can be planted and housed until frost is over as a profitable crop. No vegetable can excel this for early market. January and February are the opportune months to sow your beds, if conditions are normal.

CULTURE: Plant seed in frames and set in the open, as soon as danger of frost is over, in rows three feet apart and two and one-half feet in the row. Keep down the weeds, supply fertilizer, don't let the roots suffer for water, and success will reward you. Keep watch for insect enemies, particularly the potato bug or Colorado beetle.



New York Spineless

IMPROVED LONG PURPLE Fruit large, smooth, deep-colored; flesh white and deliciously flavored, and plant spineless. Hardier and much earlier than the New York Purple. Thin fruits from 6 to 10 inches long; very productive.

BLACK PEKIN A globe-shaped variety of superior quality; glossy black fruit, solid and very early. Flesh is white, fine grained and delicate.

IMPROVED NEW YORK An entirely spineless variety. **SPINELESS** The plant and stem of the fruit are free from spines. Plants are large and spreading with light green foliage. Usually produces 4 to 6 large, smooth, oval-shaped, deep purple fruits. Flesh is white and of good quality. Early, productive and of excellent quality. An exceedingly productive variety. Fruit of large size and perfect form.

FLORIDA HIGH-BUSH This new variety is of remarkably vigorous growth, making strong, upright bushes, which are very hardy and productive. Will stand considerable cold weather, and the blossoms are not blighted by the hot sun. It resists drought and wet weather to a wonderful degree. The fruits are of large size.

BLACK BEAUTY Fruit large, symmetrical in shape and uniformly of a rich, dark purple color. This variety is very desirable for the market. From ten days to two weeks earlier than the purple varieties; is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. Some are very attractive in appearance. Entirely spineless.

	Pkt.	Oz.	¼-lb.	Lb.
Black Beauty	5	40	1.25	4.50
Improved Long Purple	5	40	1.25	4.50
Improved New York Spineless..	5	40	1.15	4.00
Florida High-Bush	5	40	1.25	4.50
Black Pekin	5	40	1.25	4.50

All above are prepaid.

DANDELION

Ger., Loewenzahn; Fr., Pissen-Lit; Sp., Amargon; Ital., Lente de Leone.

IMPROVED LARGE LEAF An improved variety, very early and largely cultivated for greens, or if blanched like Celery makes a fine and delicious salad. The roots when dried and roasted are often employed as a substitute for coffee. Pkt., 5c; oz., 40c.

GARLIC

Ger., Knoblauch; Fr., Ail; Sp., Ajo; Ital., Aglio.

This is a vegetable which is used to a great extent in the South, especially in Louisiana. It is used chiefly by the foreign population to flavor stews, and so forth.

35c per lb., postpaid, or 25c per lb. by express or freight, not prepaid.

Write for prices on larger quantities.

GOURDS

Texas is the natural home of these plants.

The Gourds are annuals, rapid growers, from 10 to 20 feet high, valuable for covering screens or arbors; should have moist, rich, loamy soil to attain perfection.

DIPPER The old-fashioned Calabash. Price, per packet, 5c; per oz., 15c.

SUGAR TROUGH The largest of the Gourd family. Price, per packet, 5c; per oz., 15c.

HERCULES CLUB Long, club-shaped and a rapid grower. Price, per packet, 5c; per oz., 15c.

NEST EGG Size, shape and color of a hen's egg, used as a nest egg. Price, per packet, 5c; per oz., 15c.

ORANGE Size, color and shape of an orange, and sweet scented. Price, per packet, 10c; per oz., 15c.

HORSERADISH

The best Horseradish is grown from small pieces of roots four or five inches long. These will be fit for use in one season's growth. A dozen roots will give all that will be needed for family use; as they constantly in-

crease, it is best to plant them in some out-of-the-way corner of the garden. 30c per dozen, 75c for 50; \$1.25 for 100, postpaid. Not prepaid, 75c for 50; \$1.25 per 100.

Plant in fall and spring.

HERBS

AROMATIC AND MEDICINAL

CULTURE: Most of the varieties thrive best in sandy soil, and some are stronger and better flavored when grown on that which is rather poor, but in all cases the soil should be carefully prepared and well cultivated, as the young plants are for the most part delicate and easily choked out by weeds. Sow in drills sixteen to eighteen inches apart, taking pains that the soil is fine and pressed firmly over the seed. Seed should be sown early in the spring; such varieties as Sage, Rosemary, Lavender and Basil are best sown in a frame and then transplanted into the garden. Most of them should be cut when in bloom, wilted in the sun and thoroughly dried in the shade.

ANISE (Ger., Anis; Sp., Anis.) A well known annual herb whose seeds, which have an agreeable aromatic odor and taste, are used for dyspepsia and colic.

BALM (Ger., Citronen Melisse; Sp., Toronjil.) A perennial herb, easily propagated by division of the root or from seed.

BASIL, SWEET (Ger., Basilikum; Sp., Albaca.) A hardy annual from the East Indies. The seed and stems have the flavor of cloves, and are used for flavoring soups and sauces.

BENE This plant is grown here in the South for its seeds and leaves, which have medicinal virtues.

BORAGE (Ger., Boretsch; Sp., Borraja.) A hardy annual used as a pot herb and for bee pasturage.

CORIANDER (Ger., Coriander; Sp., Culantro.) The seeds are used in the manufacture of liquors and confectionery.

CARAWAY (Ger., Kuemmel; Sp., Comino.) Cultivated for its seed, which are used in confectionery, cakes, rye bread, etc. The leaves are sometimes used in soups.

DILL (Ger., Dill; Sp., Eneldo.) An annual grown for its seeds, as well as for the greens, as they both have a strong aromatic odor and a warm, pungent taste.

FENNEL (Ger., Fenchel; Sp., Hinojo.) This is grown extensively here by the Italian gardeners for the market, and is also called Italian celery.

LAVENDER (Ger., Lavendel; Sp., Espliego.) Hardy, perennial, growing about two feet high. Used for distillation of lavender water, or dried and used to perfume linen.

MARJORAM, SWEET (Ger., Majoran; Sp., Mejorana.) A perennial, the young, tender tops being used green for flavoring or they may be dried and used for winter for flavoring meats, sausage, etc.

ROSEMARY (Ger., Rosmarin; Sp., Romero.) Hardy, perennial with fragrant odor and warm, aromatic bitter taste. Used for tea.

RUE (Ger., Raute; Sp., Ruda.) Hardy perennial with a peculiar smell. It must not be suffered to run to seed, and does best on poor soil.

SAGE (Ger., Salbei; Sp., Salvia.) A hardy perennial possessing some medicinal properties, but cultivated principally for use as a condiment, it being used more extensively than any other herb for flavoring and dressing.

SUMMER SAVORY (Ger., Bohnenkraut.) A hardy annual, the dried stems, leaves and flowers of which are extensively used for flavoring, particularly in dressings and soups.

THYME This herb is perennial, and is both a medicinal and culinary plant. The young leaves and tops are used for soups, dressing and sauce.

WORMWOOD (Ger., Wermuth.) A perennial plant of fragrant and spicy odor, but with intensely bitter taste. The leaves are used as a tonic, vermifuge and as a dressing for fresh bruises. Does best on dry poor soil.

PRICES on all herbs 5c a packet.

KOHL-RABI

Ger., Kohl-Rabi; Fr., Chou Rave; Sp., Nabilcol; Ital., Cavolo Rapa.

One ounce of seed will sow about 200 feet of drill, or produce 1500 plants in seed bed.

CULTURE: Plant and treat like cabbage, and remember that rapid, continuous growth produces the tender plant. The flavor is similar to turnips yet far superior in palatableness. No Southern home should be without this vegetable. Seed may be sown at any time you would plant cabbage.

WHITE VIENNA Extremely early with distinctly small tops. Bulbs of medium size, very light green, nearly white, and of the best quality if used when about 2 or 3 inches in diameter.

PURPLE VIENNA Very early, with small tops, the leaf stems tinged with purple. Bulbs are medium size, purple, flesh white.

LARGE GREEN Hardy, quite late, and used for feeding stock. Bulbs large, weighing eight to ten pounds, whitish green in color; leaves large and numerous.



White Vienna Kohlrabi

PRICES on Kohl-Rabi:

	Pkt.	Oz.	¼-lb.
White Vienna	5	25	75
Purple Vienna	5	25	75
Large Green	5	15	50

PLANTS

All Plants are shipped by express only (in small quantities by mail), at purchaser's expense and risk.

NO PLANTS SENT C. O. D.

R. & S. Co. will in no way be responsible for Plants or perishable goods arriving in bad or damaged condition. Plants are packed in our approved manner to stand long distance shipping, but rough handling and placing them in hot express cars and delay in transferring, arrival of plants in damaged condition is sometimes unavoidable and not a fault of ours.

CHIVES (Ger., Schnittlauch.) 25c per bunch.

CABBAGE 50c per 100; \$4.50 per 1000.

CAULIFLOWER \$1.00 per 100; \$7.50 per 1000.

EGGPLANTS 20c dozen; \$1.50 per 100; \$10.00 per 1000.

TOMATOES 15c dozen; \$1.00 per 100; \$7.50 per 1000.

SWEET PEPPER 20c dozen; \$1.50 per 100; \$10.00 per 1000.

HOT PEPPER 20c dozen; \$1.50 per 100; \$10.00 per 1000.

STRAWBERRY PLANTS Klondyke, Newman, Lady Thompson, Excelsior and other varieties. Price, 50c per 100; \$3.50 per 1000.

These vegetable plants are grown by ourselves from the very choicest STOCK SEED.

KALE, or BORECOLE

Ger., Blaetter-Kohl; Fr., Chou Vert; Sp., Breton; Ital., Cavolo Verde.

One ounce of seed will sow a drill of about two hundred feet.

CULTURE: Extensively grown, especially in the South during the fall, winter and spring. The leaves are used principally for greens. A favorite way is to cook them with bacon; also used for garnishing. Can be sown any time from August to November, also in the spring; broadcast or preferably in drills 18 inches apart so that the plants when small may be cultivated.

DWARF GREEN CURLED GERMAN A finely curled, spreading, low-growing variety. The plant is very hardy and is extensively grown for shipment. The leaves are long and of an attractive bright green color. Often used for garnishing; sow in September for winter and spring use. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c, postpaid.

SIBERIAN KALE, OR WINTER SPROUTS This is also called German Greens and is sometimes sold for Dwarf Green Curled Kale. It is not as curly as the Dwarf Curled Kale and is different from it in color. The leaves are smooth in the center, having a fringed edge. Color has a bluish tinge, not the deep green of the Dwarf Curled Kale. Pkt., 5c; oz., 10c; lb., 60c, postpaid.

DWARF CURLED SCOTCH Leaves bright green, curled, very tender and fine flavor; an excellent sort for private gardens. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c, postpaid.



Dwarf Green Curled German Kale

SEA KALE A delicious vegetable, grown for its blanched shoots, which are cooked like asparagus. Sow in the spring and plant out like cabbage. During the summer the plant will make a slender growth. The plant being perennial, young shoots appear the second spring, and these are covered with earth to blanch, or with a flower pot; and if it is desired to force them, cover the pot and earth around with fresh manure. Pkt., 10c; oz., 25c.

LEEK

Ger., Lauch; Fr., Poireau; Sp., Puerro; Ital., Porro.

One ounce of seed will sow 100 feet of drill.

CULTURE: Sow in seed beds and transplant to the open in rows fourteen inches apart and six inches in the row; draw earth to the plants as they grow—just the reverse of onion culture.

LONDON FLAG This is the variety generally cultivated in this country. It is hardy and of good quality. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., 90c, postpaid.

LARGE AMERICAN FLAG A variety similar to above, but larger; very popular with some market gardeners.

MONSTROUS CARENTAN The largest variety, often three inches in diameter, and becoming very white and tender. An exceptionally hardy and desirable sort.

Prices: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., 90c, postpaid.



LETTUCE

CABBAGE OR HEADING VARIETIES

Ger., Garten Salat; Fr., Laitue; Sp., Lachuge; Ital., Lattuga.

An ounce will produce 2500 plants.

CULTURE: Sow the seeds in beds and transplant to the open in rows fourteen inches apart and ten inches in the row; in making the seed bed, it is best to have it rather poor than rich. As ants are very fond of this seed, it is best to sprout the seed before planting; failure to do this is the not infrequent cause of growers complaining that the seed is infertile. The soil for lettuce should be quite rich, rather moist and kept well cultivated and fertilized. Our local markets require a large head lettuce, as for instance, the Big Boston, while other markets require the Grand Rapids type. Truckers should learn the types required in the various markets before shipping.

MAY KING LETTUCE In our recent extensive trials of American and European Lettuces we found May King a decidedly superior early heading sort. The plants are practically all head and extremely handsome. From early spring planting in the open ground they grow quickly to a diameter of six to seven inches with the broad, light, green outer leaves folding closely about the round solid head, in cool weather the edges of the outer leaves are lightly tinged with brown. The inner leaves are blanched to a rich golden yellow and have a fine, rich, buttery flavor. The round, solid heads are so firmly folded that they can be shipped to distant markets and arrive in good condition. We recommend this sort for spring as well as for fall use. Grown under glass this variety matured a large, handsome, light green head

LETTUCE—Continued



May King

practically as early as any of the strictly forcing sorts. Grown outdoors May King proved entirely satisfactory and the earliest of all to form a marketable head. Among extra early sorts it is unsurpassed in quality and we recommend it for forcing under glass and as the best large extra early sort for growing out of doors.

BIG BOSTON A fairly butter variety, strictly cabbage heading. Mature plants very compact and forming a well-defined, broad, slightly pointed, hard, well-blanching head, with outside leaves characteristically turned and twisted backward at their uppermost border. A popular sort for outdoor winter culture, and also in demand as a compact, large heading, forcing sort. Plants large, very hardy and vigorous; leaves broad, comparatively smooth but wavy at edge, thin and very hard; color bright, light green; when well grown are quite tender. Grown extensively in the South as a winter Lettuce. Late intermediate in season and slow to shoot to seed. White seeded.

CALIFORNIA CREAM BUTTER A decidedly butter variety, strictly cabbage heading. Plant fairly compact and forming a globular, very firm, well-defined, well-blanching head, with leaves very closely overlapping one another. Quality excellent; very buttery and fairly sweet. A strong growing sort with large, green leaves marked with scattered brown dashes. It forms a very solid head of rich cream colored leaves, very thick, tender and of splendid quality. Large, late intermediate and slow to shoot to seed. Black seeded.

SALAMANDER One of the best heading Lettuces, especially desirable for early planting outdoors; also suitable for forcing. Heads solid, the inner leaves blanching to a rich, creamy white; crisp, tender and buttery. A large, compact, light green head of excellent quality. One of the most satisfactory heading Lettuces for growing outdoors. A great heat resister.

HANSON A crisp variety, cabbage heading, very large, very late. Plant spreading, forming a globular, hard, well-blanching head. Leaves broad, fairly blistered and crumpled, thick and coarse; heavy veins, large midrib, borders finely filled. Color light green, never spotted. Grows to a large size and is uniformly sure heading. Heads are solid and beautifully blanching; crisp, mild and tender.

DEAGON Heads of medium size, very solid and in condition for use as long as any variety. Cabbage heading, butter variety, intermediate in season. Head elongated when first forming, globular or flattened when matured. The inner leaves blanch to a bright, rich yellow and are exceedingly well flavored, crisp and tender.

PASSION Large, solid, rapid grower and good shipper; much grown in Louisiana for the Northern markets. Cabbage heading, butter variety; late maturing. Plants spreading, firm, of globular form. Color dark green.

DENVER MARKET An early variety of Head Lettuce, either for forcing or open ground. The leaves are beautifully marked and blistered (like the Savoy Cabbage), very crisp and tender.

WHITE SUMMER CABBAGE Bright green, vigorous and forms a firm head of thick, tender leaves, inner ones blanched a beautiful cream-yellow.

EARLY TENNIS BALL One of the best Head Lettuces for early planting outdoors. Plants medium sized, having thick, dark green leaves and when well grown forming very solid heads, the inner leaves being blanched to a rich creamy-white and exceedingly crisp, tender and rich flavored. Color light green, never spotted; early intermediate in season. Seed blackish.

BROWN DUTCH A strictly cabbage heading medium large in size and late intermediate, butter variety. Leaves very straight and extending flatly over the ground. Very spreading, forming a globular, firm, well-blanching head with leaves closely overlapping one another. Leaves broad, fairly blistered, crumpled, twisted, thick and stiff, of dull green color, tinged with dull, faint brown and sometimes colored a decided brown in well defined blotches. Of fair quality, buttery in flavor and fairly tender. Seeds blackish.

REICHARDT'S PRIDE A new variety introduced by us the first time this year. For South Texas and Gulf Coast region cannot be excelled. Immense heads as solid as a cabbage. Blanches beautifully; crisp, tender and free from bitterness. It produces immense heads, often 15 and 16 inches across and weighing enormously. The interior is beautifully blanching, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. It is a very large, robust-growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed and a sure header under most trying conditions. The outer color is of a distinct apple-green. As a standard main summer crop, hot weather Lettuce it is in every way desirable and has no equal, but is not recommended for forcing. Price, 10c pkt., 25c oz., 75c ¼-lb., \$2.25 lb.

HOUSTON MARKET Excellent for mid-summer; one of the best for resisting heat. Heads large, well blanching, crisp, tender and sweet. Slow to run to seed. Extra good table quality.



Big Boston

LETTUCE—Continued

Curled or Loose Leaf Varieties

EARLY PRIZE HEAD This popular variety produces large loose heads of finely crumpled and fringed leaves, the outer portions of which are shaded with brown. Exceedingly crisp, sweet and tender. Plant spreading, low growing and consisting of a loose, rounded, or slightly flattened cluster of leaves. Leaves short, blistered and crumpled, much filled at borders. Color bright brown. One of the best for the home garden.

BLACK SEEDED SIMPSON For those who like a large, thin, exceedingly tender leaf, and for those markets which demand a large, loose cluster of leaves rather than a solid head, this is one of the best varieties, either for forcing or early sowing out of doors. Plant forms a large, loose head, light yellowish green in color, so that a little wilting is not noticed. Leaves large, thin, slightly ruffled and blistered, even the larger outer ones being quite tender. It is attractive, of excellent quality and continues a long time in condition for use.

GRAND RAPIDS As a Lettuce for greenhouse forcing this variety undoubtedly stands at the head of the list, being of quick growth, little liable to rot and standing for some days after being fit to cut. The plant is upright and forms a loose head or cluster of large, bright green leaves slightly crimped and blistered and rather thin. Leaves are short, blistered and crumpled, thick and heavy with coarse veins; borders frilled excessively; color very light green, never spotted; hard in texture. Seeds blackish, extremely hard to germinate. The leaves do not wilt quickly after cutting so that the variety will stand shipping long distances better than most sorts.

EARLY CURLLED SIMPSON Forms a close, compact **WHITE SEED** mass of curly yellowish green leaves. Earlier than the head varieties. Good for cold frames or early planting for outdoors.

PARIS WHITE COS, ROMANE, OR CELERY This variety grows strong and upright, producing long

leaves, which should be tied up and blanched before cutting, which makes them very crisp and tender. They are quite hardy, and will force well. They are the most popular variety in France and England, where they are frequently served without dressing and simply eaten like Celery, with salt.



Paris White Cos

	Pkt.	Oz.	1/4-lb.	1-lb.
Houston Market	5	10	30	\$1.00
Big Boston	5	10	30	1.00
Prize Head	5	10	25	85
Salamander	5	10	35	1.10
White Summer Cabbage	5	10	35	1.10
Black Seeded Simpson	5	10	35	1.10
Grand Rapids	5	10	25	85
Denver Market	5	10	35	1.10
Early Curled Simpson W. S.	5	10	35	1.10
California Cream Butter	5	10	35	1.10
Passion	5	10	35	1.10
Hanson	5	10	35	1.10
Deacon	5	10	35	1.10
Early Tennis Ball	5	10	35	1.10
May King	5	10	30	1.00
Paris White Cos	5	15	45	1.50
Brown Dutch	5	10	35	1.10
Reichardt's Pride	5	15	50	1.75

Above are all postpaid prices.

MELONS

MUSK AND CANTALOUPE.

Ger., Cantaloupe; Fr., Melon Muscade; Sp., Melone Muscatel; Ital., Popone.

One ounce of seed will plant sixty hills; two and one-half pounds will plant an acre.

CULTURE: Plant in hills of 6x6 feet; use only thoroughly rotted manure in the hills; cultivate as for cucumbers; keep close watch for insect enemies, and spray vigorously just a little bit before they appear, and keep up the good work.

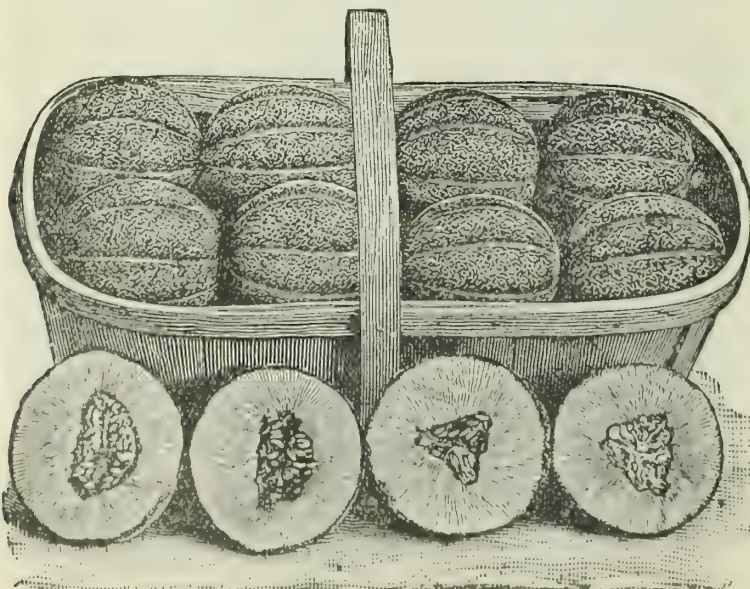
GREEN FLESHED VARIETIES

GENUINE ROCKY FORD A sweet, luscious Melon that has become world-famous for its captivating flavor. It is safe to say that no Melon has ever come on the market which has sold so readily and at such high prices as the Rocky Ford, often to the exclusion of other varieties.

THE STANDARD SHIPPING CANTALOUPE FOR SOUTH TEXAS. THOUSANDS OF CARS ARE SHIPPED ANNUALLY FROM THE GULF COAST REGION.

The reason for the popularity of this Melon is two-fold. First, its superb table qualities, being firm, sweet and remarkably solid. Second, its wonderful shipping quality, which enables it to be carried great distances, and yet arrive in first-class condition for market. The fruit is of medium size, slightly oval shaped. The vines are vigorous and productive. Fruits are slightly ribbed, densely covered with fine netting. Skin is green, turning a peculiar gray when ready for shipping. Seed cavity is very small, and the portion of flesh immediately surrounding same is slightly tinged with yellow. The flesh is green, thick and juicy. It is early and wonderfully productive.

Our seed was grown for us by one of the most careful and reliable growers in Colorado.



Genuine Rocky Ford

MUSK MELONS—Continued

NETTED GEM Very early, small, coarsely netted, green flesh, fine flavored. Good shipping variety.

VAN BUSKIRK'S NETTED ROCK CANTALOUPE This Melon is a great improvement over the ordinary Rocky Ford. It is very thick meated, smallest seed cavity, heavily netted, splendid shipper and sweetest Cantaloupe grown. This is the Melon for the trucker to grow for long distance shipments.

EXTRA EARLY HACKENSACK From ten to fifteen days earlier than the Hackensack, medium to large sized, nearly round, somewhat flattened, evenly and deeply ribbed and with very coarse netting. The skin is green, slightly tinged with yellow. Flesh is green, a little coarse. It is the result of intelligent selection.

LARGE HACKENSACK A large, round Melon, flattened at the ends and well ribbed. The skin is deeply netted. The flesh is green, of delicious flavor. It is a strong grower, and is very productive.

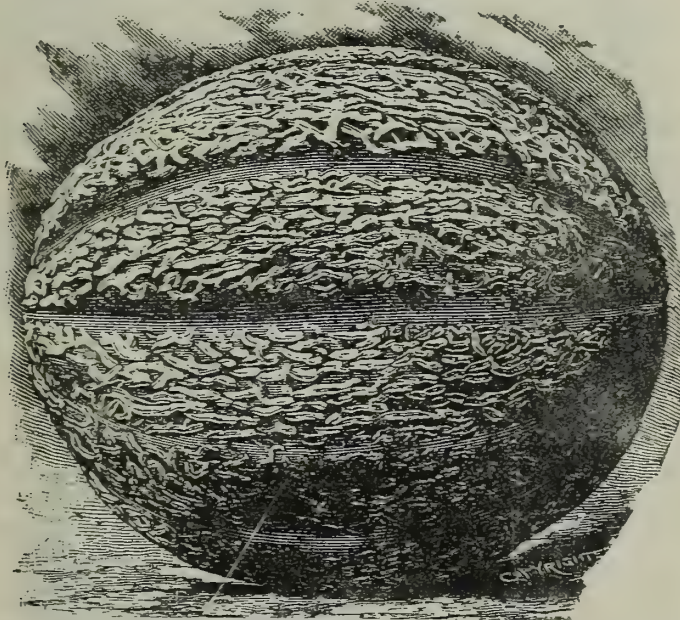
IMPROVED GREEN A greatly improved strain of the **PROLIFIC NUTMEG** old Green Nutmeg. Fruit of a medium size, very rich, melting and of exquisite flavor. Fruit is round, about seven inches in diameter, slightly flattened at the ends.

TEXAS CANNON BALL This Melon is as round as a ball, of medium size, 6 to 8 inches in diameter and heavily netted. Flesh light green, melting and highly flavored. Remarkably solid with extremely small seed cavity.

NEW ORLEANS MARKET A large, ribbed, rough netted Melon in universal demand during the entire season.

ACME, or BALTIMORE Oval-shaped fruits of medium size. They are thickly netted, well-ribbed and the firm, green flesh is of superior flavor.

ORANGE OR YELLOW FLESHED VARIETIES



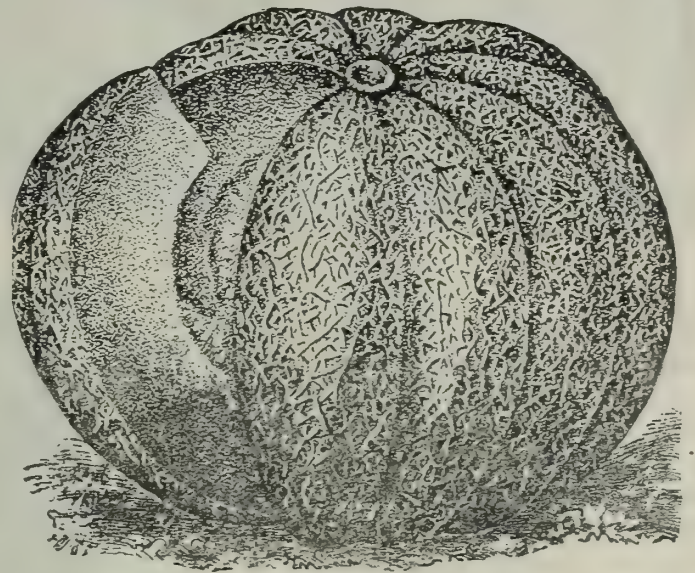
Burrell's Gem

BURRELL'S GEM The Melons are 6 to 7 inches long by 5 inches in diameter, sloping towards the ends; are well ribbed and covered with a fine grayish netting. Skin is rich, dark green. Flesh orange colored, sweet and tender, firm and thick, ripening close to the skin, leaving only a thin rind. A truly delicious Melon for home use, or if you desire a variety which will bring you a fancy price on the market, we unhesitatingly recommend the Burrell Gem. It is of about the same size and shape as the Rocky Ford, but has rich golden yellow flesh of the most delicious flavor, solid and a most desirable shipping sort.

BANANA Fruit two feet long and six inches in diameter. Rind is thin and tough. Flesh beautiful reddish salmon color of excellent flavor. A great resister of drought.

HOODOO An orange fleshed variety, ideal as a shipping melon and of the finest quality. Vines are vigorous, blight resisting and productive. Fruits uniformly of

medium size. Netting exceptionally fine and dense, extending over the entire surface. Rind thin and very firm, splendid for shipping to distant markets. Flesh very thick, firm and highly colored, fine texture and delicious flavor.



Emerald Gem

EMERALD GEM Undoubtedly the finest in flavor and the earliest to ripen of the yellow fleshed varieties, and while too soft to stand shipping any great distance is unequalled for home use or nearby markets. Vines of strong and vigorous growth; very prolific. Is rather small and flattened at both ends. Emerald green, smooth and free from netting, heavily ribbed, with narrow bands of lighter green between ribs. Flesh is very thick, crystalline appearance, and of rich salmon color, ripening close to the rind, juicy, melting and highly flavored.

BANQUET Flesh thick and salmon color; Melons are small, but the seed cavity is also small; this is one of the richest flavored Melons grown, and will always be a favorite with those to whom quality is the prime object.

OSAGE (Syn. Miller's Cream.) The fruits are larger than those of the Emerald Gem, nearly round in form but having the same dark green skin with lighter bands between the ribs and thick, firm orange flesh of fine quality. Sweet in every stage of growth, and for a thin skinned variety a splendid shipper; is egg-shaped and only lightly netted; flesh a deep creamy color.

PAUL ROSE Fruits are nearly round or slightly oval, rather larger than Netted Gem, ribbed and heavily netted; of a light green or faint yellow hue when fully ripe. Flesh is thick, of deep orange color, ripens close to the rind. Flesh is much firmer than Emerald Gem. Small seed cavity, uniform shape, beautifully netted, fragrant and a splendid shipper.

REICHARDT'S IMPROVED NETTED ROCK—See Specialties.

PRICES on Cantaloupe Seed:	Pkt.	Oz.	1/4-lb.	1-lb.
Rocky Ford	5	10	25	\$.85
Netted Gem	5	10	25	.85
Extra Early Hackensack	5	10	30	1.00
Emerald Gem	5	10	30	1.00
Texas Cannon Ball	5	10	25	.85
Banquet	5	10	30	1.00
Osage	5	10	30	1.00
Late Hackensack	5	10	30	1.00
New Orleans Market	5	15	50	1.50
Prolific Nutmeg	5	10	30	.90
Acme or Baltimore	5	10	30	1.00
Burrell's Gem	5	10	30	1.10
Banana	5	10	60	2.00
Van Buskirk's Netted Rock	10	15	40	1.35
Paul Rose	5	10	30	1.00
Hoodoo	5	10	30	1.00

If sent by express or freight, DEDUCT 10c per lb.

WATERMELONS

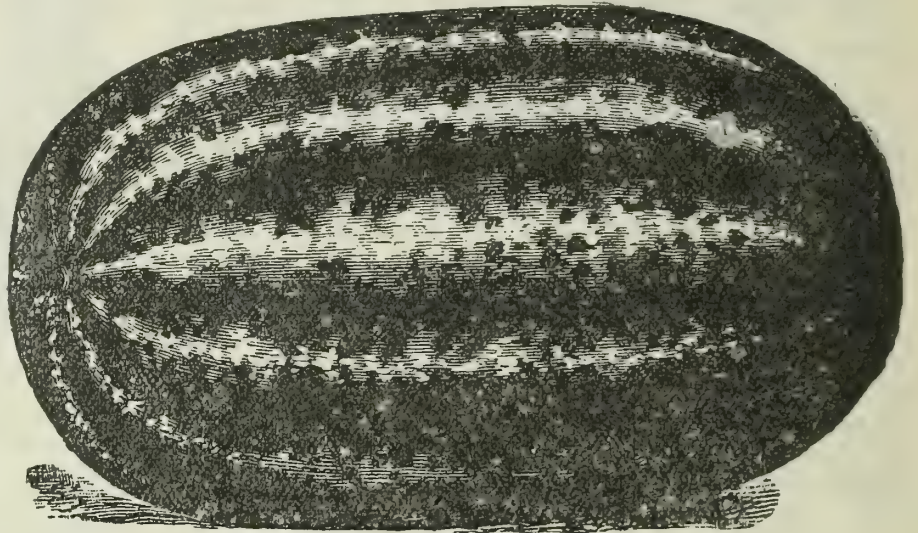
In no one seed save Cabbage is the trucker so much imposed upon as in Watermelon seed. Unprincipled persons have no hesitancy in gathering mixed seed from watermelon stands in the larger cities, and selling them under as many names as they have calls for seed. Vast quantities of seeds from culls are annually placed on the market as are also carloads of worthless Northern grown seeds. That those who purchased from us last season made crops, true to name and description, is to be attributed to the fact that all our Melon seeds were produced from the best growers and most carefully selected stocks.

CULTURE: Plant 8x8 feet in soil over a hole in which has been placed a shovelful of rotted manure; keep the soil turned over as the vines run; under no circumstances move a vine in plowing; it will be best to plant in rather light soil. One ounce of seed to thirty hills; two pounds will plant an acre.

FLORIDA FAVORITE A popular market sort. Vine vigorous, large growing and hardy; ripening its fruits earlier than most of the large sorts; fruit medium sized to large. Color of skin dark green, striped with a lighter shade; rind thin but tough; flesh bright scarlet, ripens closely to the rind and is of the best quality. This Melon is very highly esteemed, especially in the South.

ALABAMA SWEET Extensively grown in the South for shipping to distant markets. The Melons are large, of oblong form and have a firm, dark green, slightly striped rind. The flesh is bright red and of delicious flavor. One of the very best of the long Melons for shipping purposes. The fruits average a little thicker than those of Florida Favorite. Rind thin but very tough.

PHINNEY'S EARLY An unusually hardy sure cropping Melon. Vines vigorous, productive. Fruit medium size, oblong, marbled in stripes of two shades of green; rind thin; flesh pink, tender and crisp. The first Melon to



Florida Favorite

come into market; marked like the Rattlesnake, and has not the woody heart of the other early Melons; every market gardener should plant a few hills of this variety in order to meet the demand for an early Melon.

MOUNTAIN SWEET A good old, reliable sort, and very popular. Oblong, dark green skin. Luscious and sugary.

GYPSY, OR GEORGIA One of the largest, oldest and **RATTLESNAKE** most popular sorts, particularly in the South. Fruit oblong, of light green color, distinctly striped and blotched with a darker shade. The flesh is bright scarlet and very sweet.

HALBERT HONEY This Melon is described by the introducers as follows: Equaling in flavor and as handsome in color as the Tom Watson, but more regular in form, and much more productive. Growing as long as the Tom Watson, the Melons are blunt both at stem and blossom end, generally free from any appearance of neck. They average 18 to 20 inches in length; 6 to 8 inches in diameter. Color of rind a clear, glossy deep green. The flesh is a beautiful crimson, extending to within less than half an inch of the rind, which like the flesh is so tender it will not stand shipping any distance unless carefully handled. It is essentially the home Melon for the home garden and for local markets.

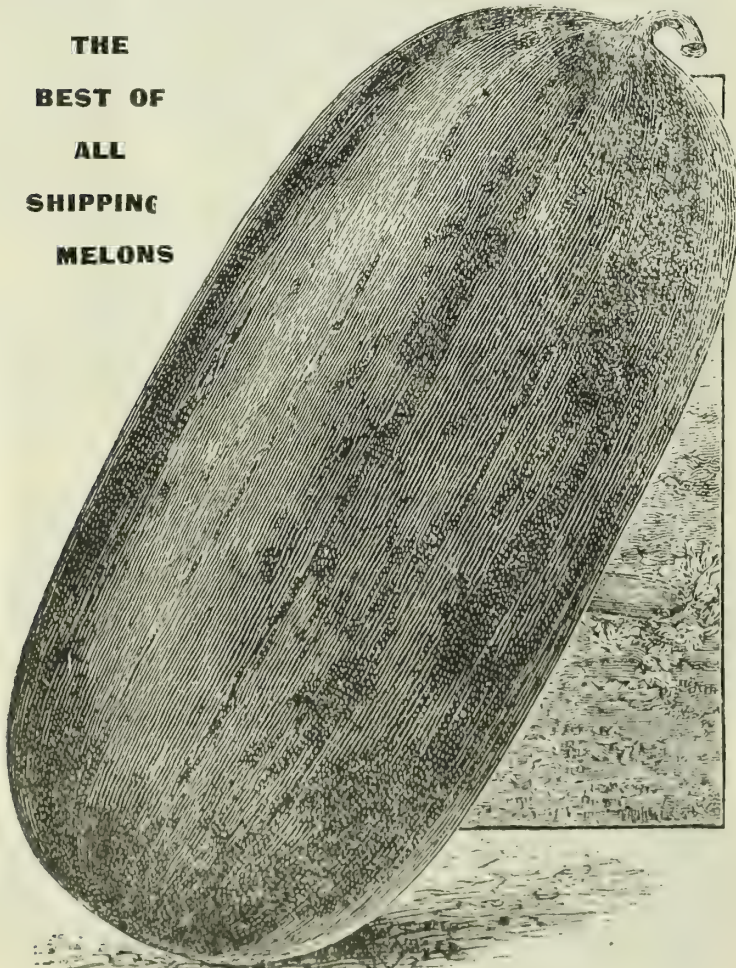
ROUND LIGHT ICING Fruit medium sized, nearly round, greenish white, slightly veined or dotted with light green. Flesh light bright red, very sweet and tender; seed is white.

DARK ICING Fruit medium sized, nearly round dark green, very indistinctly veined and mottled with lighter shade. Flesh very rich, bright red, sweet and of excellent quality. Seed white.

CUBAN QUEEN A large variety, weighing up to 80 pounds; striped, light and dark green; an enormous cropper.

KOLB'S GEM Vines of medium size but remarkably vigorous and healthy. Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and light green. Rind exceedingly hard and firm, making it a good sort for shipping. Flesh bright red, solid, a little coarse, but sweet and tender.

THE
BEST OF
ALL
SHIPPING
MELONS



24

Alabama Sweet

WATERMELONS—Continued

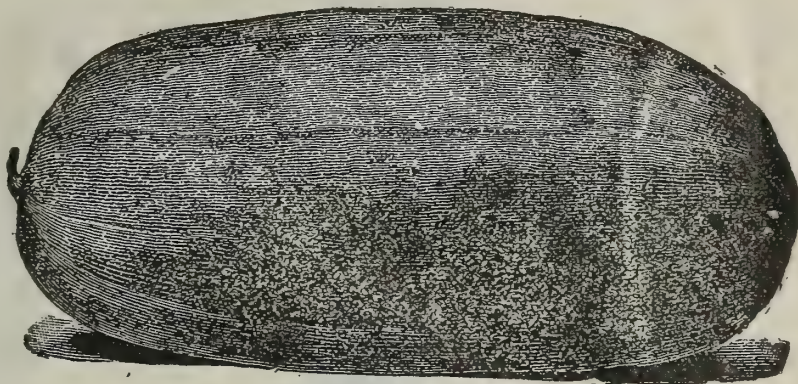
COLE'S EARLY The finest Melon ever offered for the amateur and for the home market. Being somewhat brittle will not do for shipping purposes. An extra early Melon, ripening several days in advance of any other; fruits are oval and striped with light and dark green. Very early and will mature in every State.

BRADFORD A splendid Melon for home use, maturing in about 85 days. It is a large, long Melon, of dark green color, with darker stripes. The red flesh is sweet and melting, and of excellent texture. It has a strong vine and is very productive, and is in high esteem where known. We have personally sampled every Melon on this list and the Bradford comes as near suiting our ideal of both a home and shipping sort as can be found.

KLECKLEY'S SWEET OR MONTE CRISTO The "sweetest of all" Watermelon Melons, the best home and nearby market Melon introduced. This splendid Melon is the finest flavored Melon introduced in recent years. The Melon is large, averaging about 25 pounds in weight, oblong in form, with very dark green skin; flesh deep scarlet red with solid heart, stringless, with few seeds, set near the rind. The flavor is unexcelled. Don't fail to plant this splendid Melon. Vine vigorous and productive, tapering slightly towards the stem end. So crisp and tender that it will not stand shipping. Seed white.

CITRON Medium size, uniformly round, used only for preserves or pickles. Color dark green, distinctly striped and marbled with light green. Flesh white and solid and not suitable for eating raw.

TOM WATSON A new variety combining the eating qualities of the Kleckley and the shipping qualities of the Alabama Sweet. The Watson originated in Georgia and wherever introduced it takes the lead over all other sorts. The fruit is very large, many Melons weighing 50 to 60 pounds and measuring 18 to 24 inches in length. The skin is a dark mottled green; the flesh an intense bright red, solid and tender; the heart is very large, with a very small seed area. Rind is very thin but tough, which accounts for splendid shipping qualities.



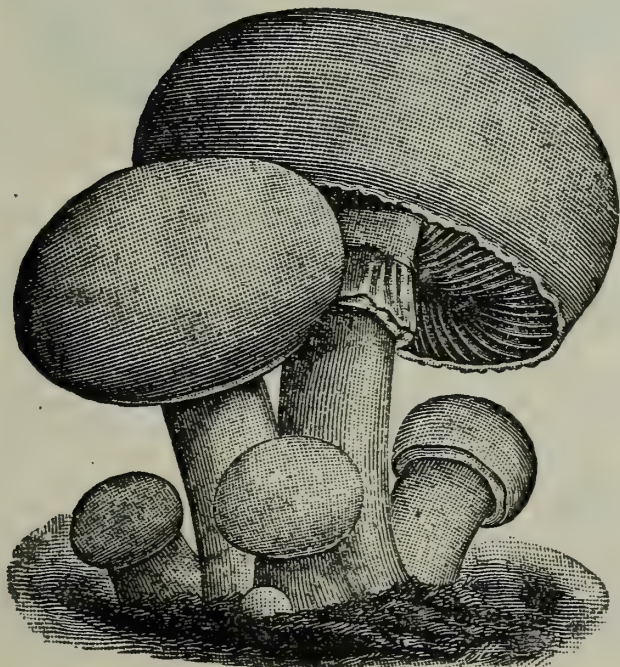
Tom Watson

The flavor is second to none. Vines are vigorous and productive. Seed is white, more or less marked with brown. A comparatively new Melon but becoming very popular. Our stock of seed was grown especially for us, by one of the best growers in the country, and is of very fine selection.

PRICES of Watermelon Seed:	Pkt.	Oz.	¼-lb.	1-lb.
Tom Watson	5	10	30	\$1.00
Bradford	5	10	30	1.00
Halbert Honey	5	10	25	85
Florida Favorite	5	10	25	85
Mountain Sweet	5	10	25	75
Georgia Rattlesnake	5	10	25	85
Kleckley's Sweet	5	10	25	85
Alabama Sweet	5	10	25	75
Phinney's Early	5	10	25	85
Kolb's Gem	5	10	20	75
Cole's Early	5	10	25	85
Preserving Citron	5	10	25	85
Round Light Icing	5	10	25	85
Dark Icing	5	10	25	85
Cuban Queen	5	10	25	85

All the above are at postpaid prices. If ordered by express or freight, DEDUCT 10c per lb.

MUSHROOMS



Mushrooms

WHAT IS MUSHROOM SPAWN? The Mushroom of which we handle the ordinary commercial variety is an edible fungus and is of a creamy white color with loose gills which are pinkish-red underneath. The Mushrooms produce seed which we call spores, and there is developed

a white, fibrous substance in broken threads, called Spawn, which is developed and preserved in horse manure pressed in the form of bricks.

There is no more mistaken idea than that Mushroom growing is difficult. They will do well almost anywhere if a fairly uniform temperature can be maintained. These delicious fungi can be grown in a warm cellar or enclosed shed in which an even temperature can be maintained of from 50 to 60 degrees, and where a plentiful supply of fresh horse stable manure for making the beds can be obtained. Our Spawn is from the best maker, runs freely and produces the finest Mushrooms. We send free, on request, our "New Leaflet," giving directions for preparing manure and making the beds. Bricks vary about 1 to 1¼ pounds, and a brick is sufficient to plant about nine square feet.

Any one who starts right can grow Mushrooms successfully. He must know how to prepare the beds, where to locate them and how to take care of the crop.

AMERICAN, PURE CULTURE SPAWN Produced by the new grafting process from selected and most prolific varieties; has never failed to run.

Price, 25c per lb. If sent by mail, add 12c for postage.

Our Leaflet "MUSHROOM CULTURE," free with every order.

MUSTARD

In order to avoid confusion as to the nature and growth of different varieties of Mustard, we think it necessary to bring the following before our valued customers for instruction:

There are three distinct varieties, suitable for market, the old-fashion Southern Giant Curled, with strictly very large curled leaves; the Chinese, or large Savoy leaved, or medium curled, and the straight tobacco or elephant ear leaved Mustard, that often have been conflicted with each other.

Ger., Senf; Fr., Moutard; Sp., Mostaza.

An ounce will sow 80 feet of drill; two pounds to an acre.

CULTURE: Here in the South the seed is mixed in ashes and sown broadcast; used principally for "greens." Thousands of bunches are daily sold on the Houston market, and buyers never tire of them.



Chinese Mustard

CHINESE VERY LARGE SAVOY-LEAVED A European variety, with light green very large leaves. It has not the same taste as the large-leaved or the large curled, but will stand longer before going to seed. The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Leaves are eaten boiled like spinach.

ELEPHANT EAR OR STRAIGHT TOBACCO LEAVED, 35 DAYS So named by reason of producing, when fully grown, immense leaves, which are as long and broad as the largest tobacco. These same leaves when size of a man's hand are very tender and admirable as a salad.

SOUTHERN GIANT The favorite here, sown largely for the market. Leaves are pale green, large and curled or scalloped on the edges.

WHITE OR YELLOW LONDON This variety is like the brown, differing only in the color of the seed. We sell great quantities of it for seasoning pickles.

BLACK OR BROWN LONDON Used as a salad, but much inferior to the curled varieties. The seed is used largely for seasoning pickles.

PRICES on Mustard Seed:

	Pkt.	Oz.	¼-lb.	1-lb.
Chinese Giant	5	10	20	60
Elephant Ear or Straight Tobacco Leaved	5	10	20	60
Southern Giant Curled	5	10	20	60
White or Yellow London	5	15	40	
Black or Brown London.....	5	15	40	

All the above are postpaid prices. If wanted by freight or express, DEDUCT 10c per lb.

OKRA

Ger., Safran; Fr., Gombaud; Sp., Quimbobbo; Ital., Ocra.

An ounce of seed will plant 30 hills.

CULTURE: Be careful not to plant until the ground is warm; wet, cool soil rots the seed; plant in rows 2 feet apart and 3 feet between rows and cultivate as for corn; pick the seed pods as fast as they appear and the more you pick the more the plant will yield. Seed may be planted as early as March if conditions are favorable.

WHITE VELVET Tall-growing sort, with attractive, long, white pods, which are round and of velvety smoothness. Distinct in appearance, of superior flavor and tenderness; very prolific.

KLECKLEY'S FAVORITE The sturdy plants grow 2½ feet high, have many leaves and bear attractive, smooth, white pods at each leaf-joint. The pods are about 6 inches long and 1¼ inches in diameter, gradually tapering to the end. While young, the pods are tender and fleshy.

DWARF GREEN Bears pods ready for use ten days to two weeks earlier than the tall sorts. The plants are of dwarf, stocky growth and very prolific.

REICHARDT'S EARLY PROLIFIC OKRA—See Novelties.

Prices: Pkt., 5c; oz., 10c; 1-4-lb., 20c; lb., 60c, postpaid. If by express or freight, DEDUCT 10c per lb.

ONIONS

Ger., Zwiebel; Fr., Ognon; Sp., Cebolla; Ital., Cipollo.

Sow 1 ounce seed to 100 feet of drill, or 5 pounds to the acre. If seeds are sown in seed beds and then transplanted, 2½ lbs. will plant an acre. In planting for sets 50 pounds per acre will be required if drilled in one foot between rows.

CULTURE: Onions require a rich soil; the best fertilizer is chicken droppings, which should be well incorporated with the soil; where this can not be had we will prepare a special fertilizer which will be rich in just those ingredients which go to produce most perfect bulbs. When making your seed beds do not have them rich. Sow broadcast in prepared beds in September, October, November and December. When the seedlings are five or six inches high, transplant in rows five inches apart and twelve inches between rows. Keep the rows clean, and, as the bulbs begin to form, draw the earth from them. Onions revel in a deep, rich soil, and are one vegetable that can be grown for many successive years on the same ground.

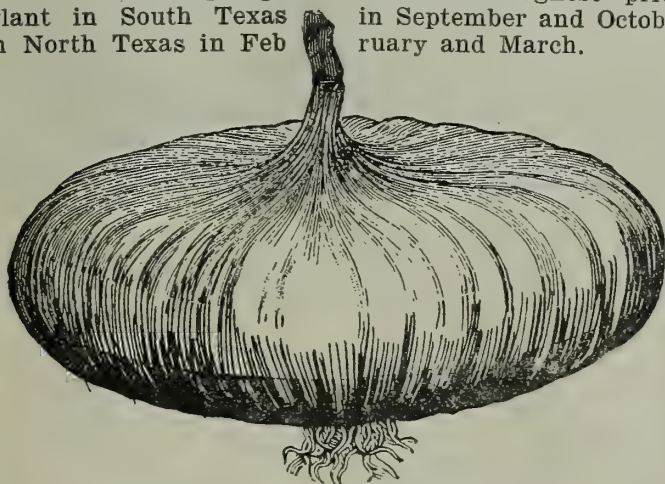
ONIONS—Continued

BERMUDA ONIONS We import all our Bermuda Onion Seed DIRECT from the most responsible grower in "Teneriffe," on the Canary Islands, hence our truckers and gardeners can rest assured of being supplied with genuine fresh stock and we caution every grower against cheap American grown seed which will not give good results in the South.

WHITE OR YELLOW BERMUDA The most widely known and largely planted of the Bermuda varieties. Before we introduced our Crystal Wax this was generally called white to distinguish it from the Red Bermuda, although it is a light yellow or straw color. Since the appearance of Crystal Wax, the trade began calling this variety yellow, to distinguish from the pure white Crystal Wax. This has led to some confusion as to the name and from now on we shall list it under the name of WHITE OR YELLOW to avoid any misunderstanding.

RED BERMUDA Onions, flat type, rather a brighter red than the Creole, and much earlier to mature. If left in the ground until the tops dry down and cured in the shade, they will be found to keep as well as a Northern Onion.

CRYSTAL WHITE WAX Largely grown by **BERMUDA** truckers and shippers in Southwest Texas. The bulbs are large, flat and of the true Bermuda type. They mature extremely early. The color is a beautiful waxy white. Unexcelled as a market variety or table sort. Thousands of bushels are shipped from our State to Northern markets every spring and command highest prices. Plant in South Texas in September and October; in North Texas in February and March.



Crystal White Wax Bermuda

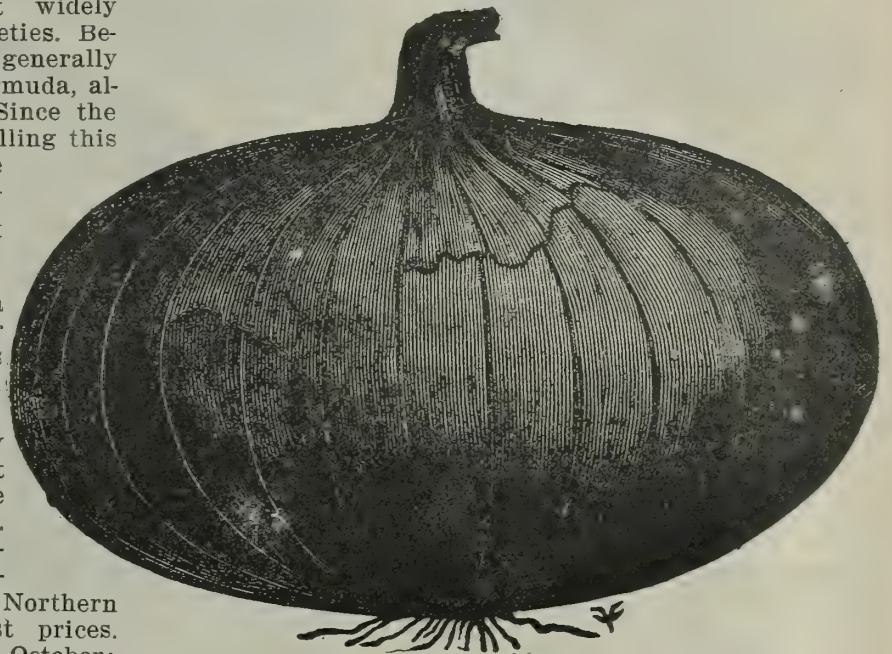
EXTRA EARLY WHITE PEARL One of the earliest varieties, pure white, mild flavor and attractive appearance. It is not a good keeper, but its quick growth makes it a good sort for early market.

CREOLE Our Creole Onion Seed is grown for us by the same grower we have had ever since we went into business, and it will always be found true to name and variety. None but perfect bulbs are permitted to mature seed and most careful "rogueing" is persisted in. We have no hesitancy in declaring our Creole Onion Seed to be the very best that skilled growing can produce. We are unable to quote prices, owing to the impossibility of estimating the crop at this writing. We will be glad to quote prices and give assurance that our quotations will be as low as first-class seeds can be sold for.

LOUISIANA WHITE CREOLE Is similar in shape and hardness to the Red Creole Onion, but silvery white in color, the veins clear and distinct. Its mild, pleasant flavor and splendid keeping qualities make it a favorite White Onion for shipping.

LOUISIANA RED CREOLE A flat, light red sort, grown extensively in Texas and other Southern States. The bulbs are firm, solid and keep splendidly, but are of strong flavor. Good, heavy cropper.

DANVERS YELLOW GLOBE One of the most extensively used Yellow Onions. Our seed produces the true globe shaped Danvers; is large in size; an early and abundant cropper, very thick bulb, flat or slightly convex bottom, full oval top with small neck and brownish yellow skin. Flesh is white, crisp and of mild and excellent flavor. Globe shaped, of medium size. The standard yellow Onion for market.

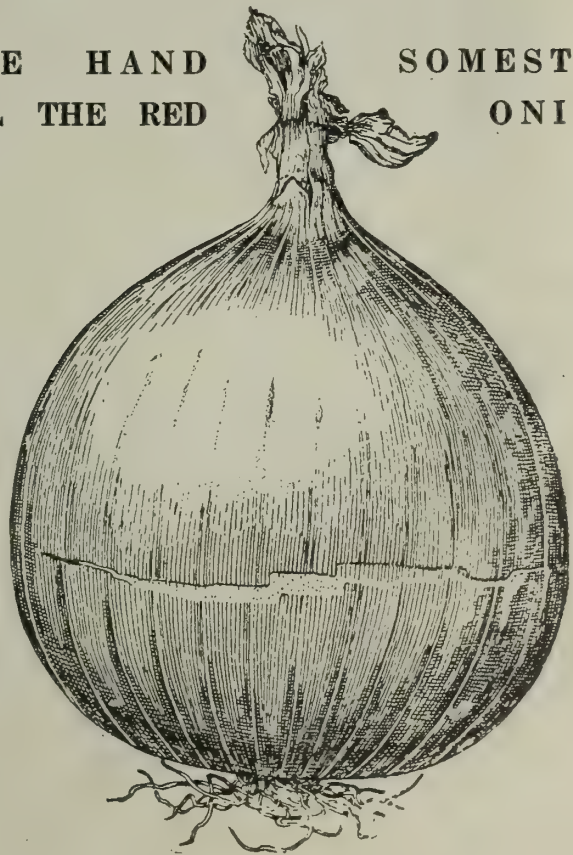


Red Bermuda

SOUTHPORT RED GLOBE The handsomest of all the red Onions; large, solid and of perfect shape. It's the latest member of the Southport family, ripening 10 days after the yellow, but produces more per acre. They ripen down hard and solid, keep well, are uniform, thin-necked and of richly colored, beautiful appearance. The bulbs are ideally globe-shaped, with very smooth, glossy surface, small neck and remarkably beautiful deep red color. The flesh is white tinged with light purplish pink; mild and tender.

THE HANDSOMEST OF ALL THE RED ONIONS

LARGE, UNIFORM



SOLID, PRODUCTIVE

Southport Red Globe

ONIONS—Continued.

SOUTHPORT YELLOW GLOBE A true Globe Onion which does not revert to the flat type and retains its color; a good keeper and a heavy yielder, its globe shape making it possible to grow an enormous weight to the acre. Produces large, perfectly globe-shaped bulbs of the same size, handsome form and excellent qualities as the White Globe. The color of the skin is brownish yellow; flesh white, fine grained, crisp and mild. Tops die early and uniformly, insuring well ripened bulbs of good keeping quality.

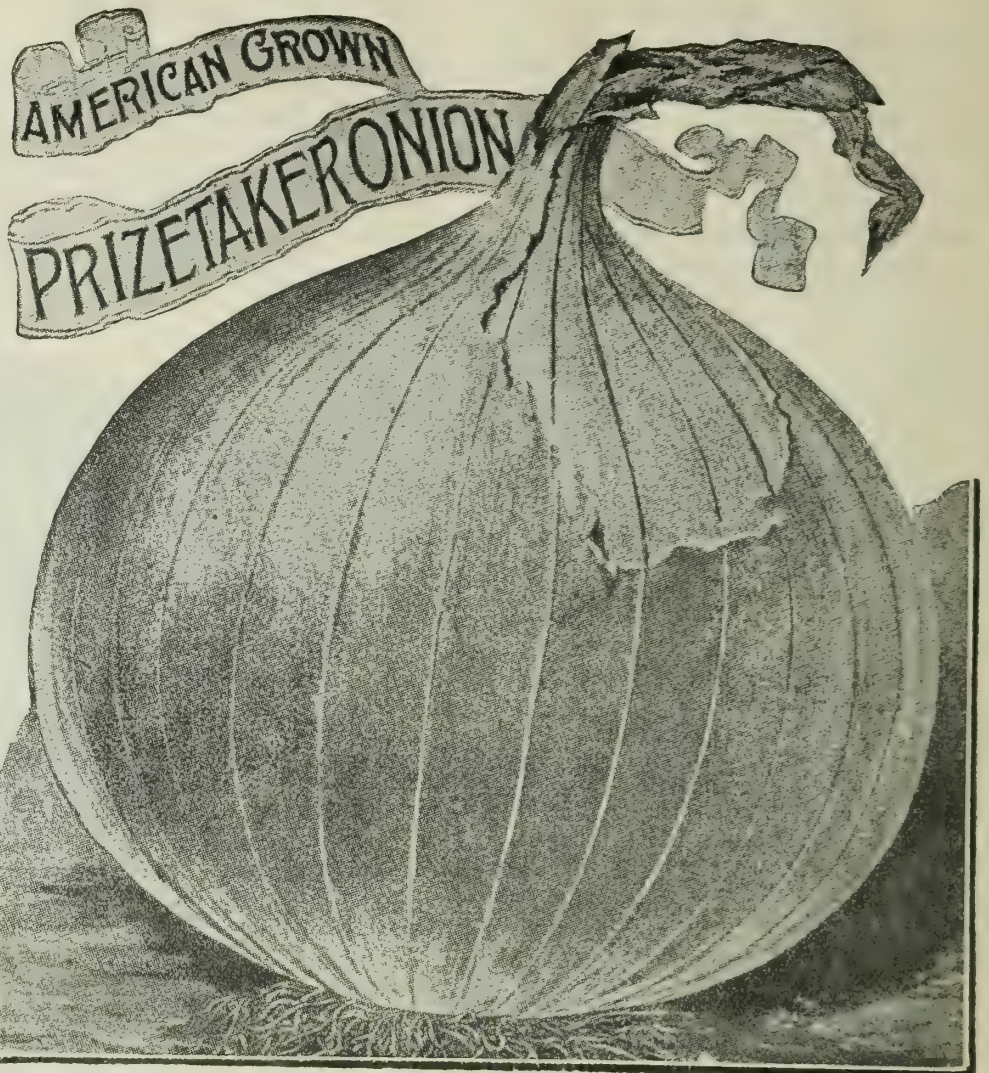
SOUTHPORT WHITE A very handsome Globe some Onion of beautiful silvery white color, perfectly globe-shaped, uniform in size, about 2½ inches in diameter. Flesh firm, fine grained and of mild flavor. Very small necked.

AUSTRALIAN BROWN Neat, round shape, firm and solid and a splendid keeper. Extra early, a sure cropper; the bulbs somewhat resemble the Danvers in size and form. Flesh is white, crisp, extremely solid and of sweet mild flavor. Skin an amber brown color; one of the best for fall planting.

WHITE QUEEN (ITALIAN ONION.) This is a medium sized, white variety from Italy, very early and flat; can be sown as late as February, and good sized bulbs will yet be obtained. It is of mild flavor and very fine when boiled and dressed for the table.

GENUINE PRIZETAKER Prizetaker is by far the handsomest, most productive, most popular and best of all Yellow Globe Onions. It is a bright, clear straw color, and always grows to a uniform shape, which is a perfect globe. It has a very small neck, and ripens up without stiffness of the neck. In market it never fails to attract attention on account of its beauty, and is sure to bring a far better price than any other Onion. It has attracted more attention and awakened wider and more cordial enthusiasm than any other Onion ever introduced to the American public. It has proven itself a great acquisition to farmers and gardeners, and is today admitted to be the largest, finest flavored and most superior Yellow Globe Onion under cultivation. It is of immense size, measuring from 12 to 18 inches in circumference. The flesh is pure white, fine grained, mild and delicate in flavor, excellent for fall and spring planting.

LARGE RED WETHERSFIELD This is the standard red variety and a favorite Onion in the East, where immense crops are grown for shipment. Bulb large, flattened, yet quite thick; skin deep purple red; flesh purplish white, moderately fine grained and rather strong flavored. Very productive, the best keeper and one of the most popular for general cultivation. The variety does best on rich, moderately dry soil, but on low muck land it is more apt to form larger necks than the Danvers. There is no better sort for poor and dry soils.



It is not an early ripening sort, but continues in growth throughout the season and consequently makes large Onions.

PRICES on Onions:

	Pkt.	Oz.	¼-lb.	½-lb.	1b.
Louisiana Red Creole	10	40	1.25	2.00	4.00
Louisiana White Creole	20	60	2.00	3.00	6.00
Red Bermuda	5	25	75	2.00	3.00
White or Yellow Bermuda.....	5	25	75	2.00	3.00
Southport Yellow Globe.....	5	20	45	85	1.60
Southport Red Globe	5	20	50	90	1.75
Southport White Globe	5	20	75	1.15	2.25
Danvers Yellow Globe	5	20	40	75	1.50
Large Red Wethersfield	5	20	50	80	1.50
Genuine Prizetaker	5	20	50	90	1.75
White Queen	5	20	60	1.15	2.00
Crystal White Wax.....	5	40	1.50	2.50	4.50
White Pearl	5	25	65	1.15	2.25
Australian Brown	5	20	45	80	1.50

Above are all postpaid prices. If wanted by express, DEDUCT 10c per lb.

Our pamphlet, "How to Grow Onions," mailed free on request with every order for Onion Seed.

ONION SETS

During their season we carry a full line of Red, Yellow and White Commercial Onion Sets, on which we will be glad to make figures in quantities of 1 peck to a car load.

Onion Sets, when planted in January and February, here in the South, will most always produce fine large bulbs. They should be set out in rows five or six inches apart and about eight or ten inches in the rows.

RED WESTERN SETS Will produce a fairly good Onion, but are planted mostly for use in the South as green Onions. They do very well in North Louisiana and Mississippi.

YELLOW WESTERN SETS Same as the red sets only different in color, which is of a pale yellow or brown.

WHITE WESTERN SETS A fine variety of same quality as the red and yellow sets, but are not as hardy and do not keep as well.

ONION SETS—Continued.

EXTRA EARLY WHITE PEARL, 65 DAYS In many respects the most remarkable Onion under cultivation, being the earliest of all. Flavor very mild. The keeping qualities of the matured Onion are very good, but the sets sprout very early and should be planted in October. We can furnish Sets in September.

WHITE BERMUDA Have sets of these in the fall only.
CRYSTAL WHITE WAX This variety is popular in the South where the transplanting method of culture is practiced. A large, beautiful, silvery white skinned variety, of handsome flat shape, of very fine flavor and quality.

PRICES on Onion Sets:	Postpaid.	Not Prepaid.		
	Pt.	Qt.	½-Pk.	Pk.
Red Western	15	25	45	\$ 80
Yellow Western	15	25	45	80
White Western	15	25	45	80
Extra Early White Pearl.....	20	35	60	1.10
White Bermuda	15	30	75	1.25
Crystal White Wax	20	35	60	1.20

If Onion Sets, in pints or quarts, are ordered by express or freight, DEDUCT 5c pt. and 10c qt.

PLEASE TAKE NOTICE:—Onion Sets and other perishable goods will be shipped from here in good condition and will travel at purchaser's risk. After being delivered to express or railroad company our responsibility ceases and we will not be responsible for any loss by heat or cold thereafter.

Onion Sets are perishable unless handled properly and no delay should occur in opening up packages containing them. They should be spread out thinly and allowed to air. This will counteract any bad effect or appearance caused by sweating during transportation.

PARSLEY

Ger., Petersilie; Fr., Persil; Sp., Perjil; Ital., Prezzemolo.

CULTURE: Parsley can be sown during the fall from August to October, and during spring from the end of January to the end of April. It is generally sown broadcast and should be watered twice each day.

IMPROVED GARNISHING This is the best kind to ornament a dish; it has the same flavor as the other kinds.

CREOLE PLAIN PARSLEY This Parsley originally comes from the imported French strain, but after being grown in Texas for a number of years, it has a tendency to grow taller; it is claimed by some gardeners that this Parsley does not go to seed as quickly as the Northern and imported varieties. The leaves of this variety are flat, deeply cut but not curled. Plant is very hardy; leaves very dark green. It can be planted during the months of November, December, January and February, also in June or July and is the best variety for all around purposes.

PEAS

The Pea crop is extremely short this year owing to unfavorable weather conditions. Prices will naturally be higher while we have gone through a pretty dry season in the South, we are not half as bad off as some of our growers of Peas up North, where for three solid months they never had a drop of rain. In some sections crops were an entire failure, consequently prices will be much higher than they have been for years.

Peas, not only in United States and Canada are short, but throughout the European Continent also. We cannot guarantee the prices below under any conditions.

CULTURE: Peas of extra early, smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need brush or other support. By selecting sorts that do not grow much over two feet high, the necessity of providing brush may be avoided. Judicious selection of varieties and planting frequently for succession will give us a full supply of choicest green peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. Heavy yields cannot be obtained on poor soil. The very dwarfest sorts of the American Wonder type will succeed only on the very richest garden land, and may be planted in rows a foot apart.

One quart of seed will sow 100 feet of drill; 1-1 1/4 bushels will plant an acre; matures in forty-five to seventy-five days, as to variety.

FINE DOUBLE A CURLED very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curled leaves make it desirable. Extensively raised for shipping purposes. This is a vigorous, compact growing variety. Leaves are very finely cut and closely crisped and curled. Foliage of uniform deep green color.



Fine Double Curled

MARKET GARDENER'S CURLED A splendid variety for shipping. The leaves are handsomely curled, dark green in color, and of a very fine flavor. A decided improvement on the regular curled variety. We recommend same very highly.

TURNIP-ROOTED, OR HAMBURG The root is the edible portion of this variety and resembles a small parsnip both in color and shape. Flesh white, a little dry, and having a flavor similar to Celeriac. Foliage same as Plain Parsley. Very hardy and should be cultivated like Parsnip. Extensively grown and used for flavoring soups, etc.

PRICES on Parsley:	Pt.	Oz.	¼-lb.	1-lb.
Fine Double Curled	5	10	25	75
Improved Garnishing	5	10	25	75
Market Gardeners' Curled	5	10	25	75
Creole Plain Parsley	5	10	25	75
Turnip-Rooted or Hamburg	5	10	25	75

Above prices are postpaid. Not prepaid, 10c per pound less.

SHALLOTS

Ger., Schallotten; Fr., Eshallotte.

CULTURE: A small sized Onion which grows in clumps. It is generally grown in the South, and used in its green state for soups, stews, etc. There are two varieties, the red and white; the latter variety is the most popular. In the fall of the year the bulbs are divided and set out in rows a foot apart, and four to six inches in the rows. They grow and multiply very fast, and can be divided during winter and set out again. Late in the spring, when the tops become dry, they have to be taken up, thoroughly dried and stored in a dry, airy place.

Prices, pt., 20c; qt., 30c, postpaid. By express or freight, not prepaid, qt., 20c; ½-pk., 60c; pk., \$1.00.

PEAS—Continued.

Ger., Erbsen; Fr., Pois; Sp., Chicaros; Ital., Pisello.

EARLY ALASKA By careful selection and growing we have developed stock of this smooth, blue Pea of unequalled evenness in growth of vine and early maturity of pods. Vines two and one-half feet high bearing four to seven pods which are filled with medium sized, bright green Peas of excellent flavor. Ripe Peas small bluish green. Pods $2\frac{1}{4}$ to $2\frac{3}{4}$ inches long, straight and blunt at the ends. Is ready for picking 50 days from planting. Matures all the crop at once and is an invaluable variety for market gardeners and canners.

FIRST AND BEST This is a strain of Extra Earlies, which when first introduced gained quite a reputation, but within a few years it has been superseded by other varieties which have proved not only much earlier but far more productive; average height of growth three feet, and owing to its strong growth will continue in a bearing state longer than the finer strain of Extra Earlies. The earliest and most even strain of white, extra early Peas. Vines are vigorous and hardy, bearing three to seven straight pods, each containing five to seven medium sized, smooth peas. Seed small, smooth yellowish white. It is fit for table use 50 to 52 days from planting.

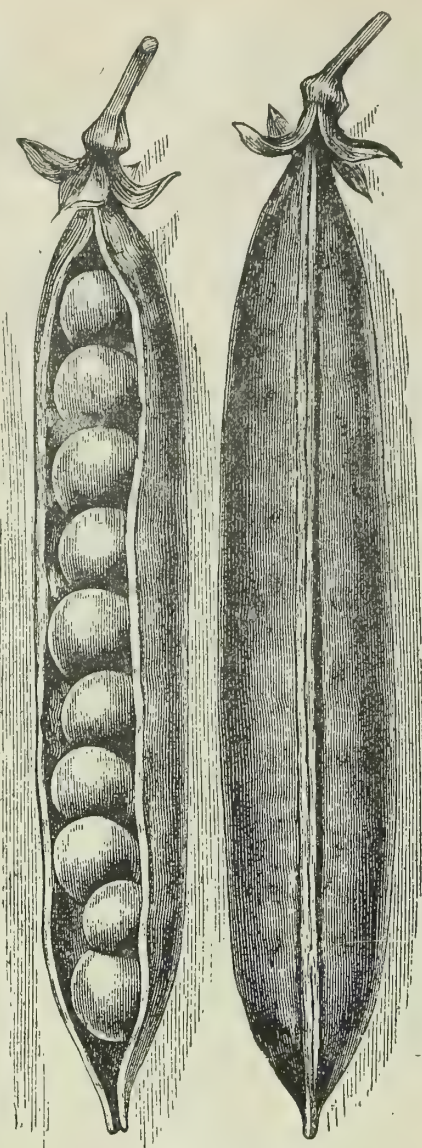
PREMIUM GEM A very desirable early, green wrinkled Pea. The immense pods are as large as those of Little Gem. The vine is very productive and grows to a height of from fifteen to eighteen inches. The pods are of medium size and crowded with six to eight very large Peas of fine quality. The seed is green, large, wrinkled, often flattened.

EARLY TOM THUMB Very dwarfish and quite productive. Can be cultivated in rows a foot apart; requires no branches or sticks.

PHILADELPHIA EXTRA EARLY One of the standard extra early sorts. Average height, 3 feet.

LITTLE GEM A very desirable early green wrinkled dwarf variety. The vine is very productive and grows to a height of from fifteen to eighteen inches. The pods are of medium size and crowded with six to eight very large Peas of fine quality. The seed is green, large, wrinkled, often flattened.

AMERICAN WONDER The earliest of the dwarf, wrinkled varieties. Vines stout, branching, about nine inches high and covered with well filled pods containing five to eight large, exceedingly sweet, tender and well flavored Peas. Seed medium sized, wrinkled and pale green. We have taken great pains in growing our stock and know it to be much better than that usually offered. Fit for picking 55 days from planting.



Early Alaska

NOTT'S EXCELSIOR The best early, dwarf Pea. It combines the good qualities of the American Wonder and Premium Gem Peas. The vines are larger and more productive than American Wonder and earlier than Premium Gem, and average about twelve inches high. The Peas, in sweetness and quality, are unsurpassed. Seed wrinkled and green in color. A most desirable sort for the market gardener and unsurpassed for the home garden.

GRADUS, OR PROSPERITY An extra early, wrinkled Pea. The immense pods are as large as those of the Telephone, uniformly well shaped, handsome and more attractive than those of the first earlies. The Peas are very large, of splendid quality and beautiful color which they retain after cooking. We have taken great pains to secure true stock and have it well grown, so we are sure that every one who purchases our seed will be pleased with the variety. Height, $2\frac{1}{2}$ feet. Pods are dark green, 4 to $4\frac{1}{2}$ inches in length and pointed. Fit for table in 52 days from planting.

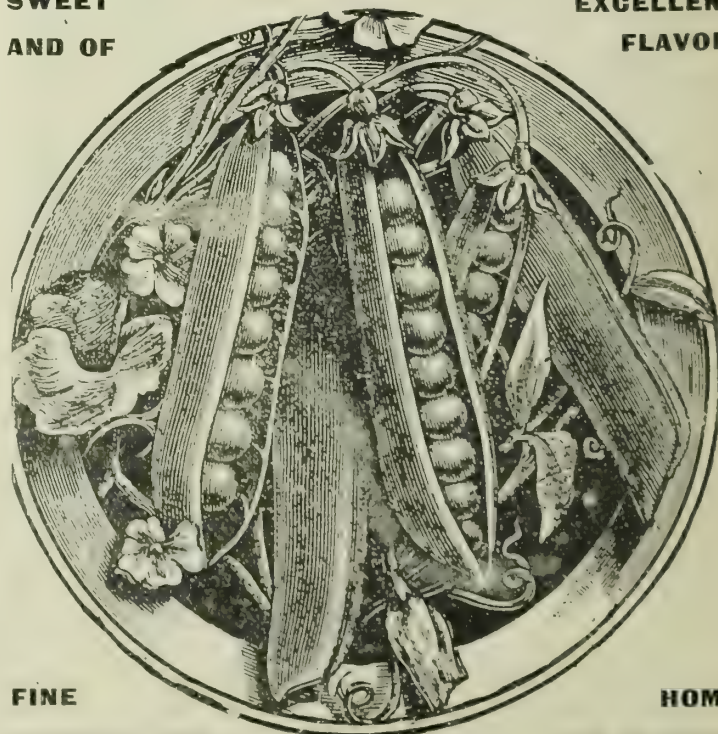
STRATAGEM A vigorous, hardy and luxuriant vine bearing large pods, containing Peas of excellent quality; a heavy cropper, although it has a tendency to sport. Vines 20 inches. Foliage dark green, pods $3\frac{1}{2}$ inches long, straight, broad, pointed, gray green in color. Vines of strong growth with large foliage. Pods are of large size, well filled with large, dark green Peas of rich, sweet flavor. Ready to pick 56 days from planting.

BLISS' EVERBEARING Vine stout, about two and one-half feet high, bearing at the top six to ten broad pods. If these are picked as they mature and the season and soil are favorable, the plant will throw out branches bearing pods which will mature in succession, thus prolonging the season. The Peas are large and wrinkled, cook very quickly, are tender, of superior flavor and preferred by many to any other sort. Pods $2\frac{3}{4}$ to 3 inches long, broad, light colored and blunt. Fit to pick 70 days from planting.

YORKSHIRE HERO Vines stout, about two and one-half feet high, bearing at the top a number of broad pods filled with large Peas that remain a long time in condition for use and which never become as hard as most sorts. The Peas are of fine quality and will be preferred to many others by those who like a rich, marrow-like Pea. Seed large, wrinkled and flattened. Foliage dark green, 23 to 28 inches high. Pods $2\frac{1}{2}$ to 3 inches long, blunt, light green in color. Fit to pick 68 to 73 days from planting.

**SWEET
AND OF**

**EXCELLENT
FLAVOR**



**FINE
VARIETY FOR**

**HOME
AND MARKET**

Telephone.

PEAS—Continued.

TELEPHONE The Telephone has become the leading Pea with market gardeners whose trade appreciates fine appearance and high quality. Vines vigorous, growing about four feet high, with large, coarse, light colored leaves and producing an abundance of very large pods filled with immense Peas which are tender, sweet and of excellent flavor. It comes into use soon after the Premium Gem and is one of the best sorts for either home or market. The stock we offer has been carefully selected and is very prolific.

CHAMPION OF ENGLAND Very productive and one of the richest and best flavored Peas. Height four or five feet; seed light green and much shriveled. Foliage medium green. Pods 2½ to 3 inches long, blunt, medium dark green, in color. Ready to pick 68 to 73 days from planting. When the seed is as well grown and selected as that we offer we consider the variety equal in quality to any in cultivation and one of the best of its season, either for the amateur or market gardener.

MELTING SUGAR (Edible Pods.) The sweet, brittle and succulent pods have none of the tough, inner lining found in the ordinary varieties of garden Peas; they are used in the same way as snap or string Beans. The pods are very large, extremely tender, vines four feet high. Pods 4 to 4½ inches long and 1¼ inches broad. Fit for table use 80 days from planting.

LARGE WHITE MARROWFAT Vines about five feet high and of strong growth. Pods large, cylindrical, rough, light colored and well filled; seed large, smooth, round and light yellow, inferior in quality to most of the newer sorts, although undoubtedly one of the most productive of the garden varieties. Vines hardy and strong, vigor-

ous and bearing broad, thick, leathery pods near the top of the vine. Pods 3 inches long, blunt and light green. Ready to pick 70 days from planting.

LARGE BLACK EYE MARROWFAT An excellent variety, growing about five feet high; a very prolific bearer of large pods; one of the very best Marrowfat sorts. Strong, vigorous vines bearing pods near the top of the vine. Foliage light in color; pods 3 inches long, blunt, light green. Ready to pick 70 days from planting.

PRICES on all varieties of Peas:

	Postpaid.			Not Prepaid.	
	½-Pt.	Pt.	Qt.	½-Pk.	Pk.
Early Alaska	15	25	45	1.10	2.10
First and Best	15	25	45	1.10	2.10
Nott's Excelsior	15	25	45	1.30	2.50
Premium Gem	15	25	45	1.30	2.50
Tom Thumb	15	25	45	1.30	2.50
Stratagem	15	25	45	1.30	2.50
American Wonder	15	25	45	1.30	2.50
Philadelphia Extra Early.....	15	25	45	1.10	2.10
Large Blackeye Marrowfat....	15	25	40	90	1.75
Large White Marrowfat.....	15	25	40	90	1.75
Champion of England.....	15	25	45	1.30	2.50
Telephone	15	25	45	1.30	2.50
Melting Sugar	15	30	50	1.30	2.50
Gradus or Prosperity.....	15	30	50	1.40	2.60
Bliss' Everbearing	15	30	50	1.25	2.50
Little Gem	15	25	45	1.30	2.50
Yorkshire Hero	15	25	45	1.30	2.50

If Peas in pints or quarts are wanted by express or freight, DEDUCT 5c per ½ pint, 10c per pint, 15c per quart.

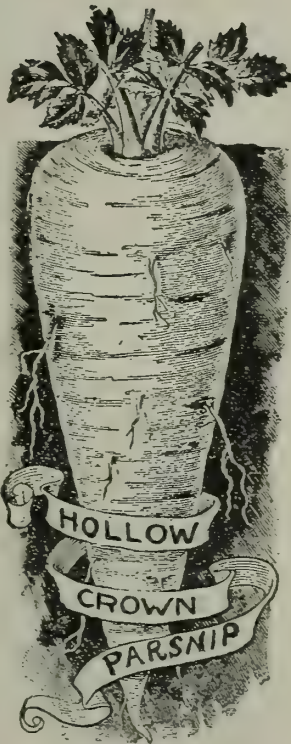
PARSNIPS

Ger., Pastinake; Fr., Panais; Sp., Pastinaca; Ital., Pastinaca.

The value of the Parsnip as a culinary vegetable is well known, but it is not generally appreciated at its full value for stock feeding. On favorable soil it yields an immense quantity of roots more nutritious than turnips and very valuable for dairy stock.

One ounce will plant 200 feet of drill.

CULTURE: For spring and summer crops, sow from January to March; for winter and early spring use, sow from September to December. Sow in rows 3 feet apart, and, when the plants are large enough, thin them out to stand 4 to 6 inches in the row. Parsnips, besides being excellent for table use, are also of great value for stock-raising. Fed to cows, they will greatly add to the richness of the milk.



Improved Hollow Crown

IMPROVED HOLLOW CROWN A great cropper, and considered the best for general cultivation. The roots are long, smooth, tender and very sugary. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c, postpaid. If by express or freight, DEDUCT 10c per pound.

IMPROVED GUERNSEY Half long. The roots do not grow as long as the Hollow Crown, but are larger in diameter and more easily gathered. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c, postpaid.

PEPPER

Ger., Pfeffer; Fr., Piment; Sp., Pimiento; Ital., Peperone.

Peppers are most largely used for seasoning meat and vegetable dishes; also for making chow-chow and chili sauce. The culture is the same as given for egg plants and require heat for germination.

One ounce of seed will produce 1500 plants. Crop matures in about 140 days.

CULTURE: Sow seeds in frames and transplant to the open as soon as the ground is hard, in rows three feet apart and two feet in the row.

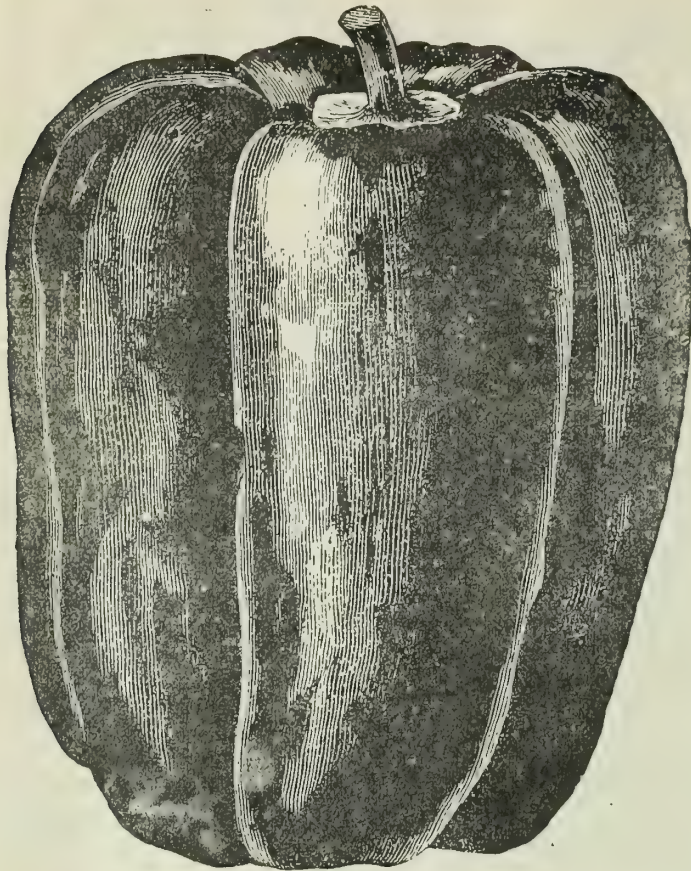
CHINESE GIANT Without doubt one of the very best and largest Mango Peppers. Its strong, bushy plants, which are literally loaded with the splendid large fruits, begin bearing quite early and continue throughout the season. Has few seeds; hence the genuine is necessarily high in price. The most desirable variety, of recent introduction, is undoubtedly the largest sweet Pepper ever offered. They are very large and are of a bright, scarlet color when ripe. The flesh is quite thick, mild and remarkably sweet.

SWEET MOUNTAIN OR SPANISH MAMMOTH The fruit does not ripen until late. It is very large, smooth and handsome; unripe, a deep green color, entirely free from any purple tinge, and when mature, a rich red. Flesh thick, sweet and mild flavored.

LARGE BELL, OR BULL NOSE Our stock of this well known variety is a great improvement on the best stock obtainable only a few years ago. Plant vigorous, compact, very productive, ripening its crop uniformly and early. Fruit large, with thick, mild flesh, of excellent quality for use in salads and pickles; color bright red when ripe. The best kind for stuffing.

LONG RED CAYENNE A well known medium early variety, having a slender, twisted and pointed pod about four inches long. Color deep green when fruit is young. When ripe, of a bright red color. Extremely strong and pungent.

PEPPER—Continued.



Chinese Giant

BIRD EYE Small as the name indicates. It is very hot and used principally for pepper vinegar.

RUBY KING An improved American variety. Very large and attractive. Grows about 2½ feet high; vigorous and productive. Fruits are often from 4 to 4½ inches long and of deep green color when young, bright red when ripe. The flesh is thick and mild flavored. One of the best varieties for mangoes or stuffed Peppers.

RED CHERRY A second early sort. Plant tall, bearing a profusion of round, bright red fruit which is very pungent when ripe. The plant, when in fruit, is very handsome and ornamental.

RED CHILI A late variety, used in the manufacture of pepper sauce. The bright, rich red pods are about two inches long, one-third to one-half inch in diameter at the base, tapering to a sharp point and exceedingly pungent when ripe.

TABASCO (GENUINE.) Grown extensively for making the well known Tabasco sauce; in fact, it is almost the only kind raised for that purpose; it is the hottest variety of the Pepper family. It is very prolific as it produces bushes from three to four feet high, which are literally covered with fruit, which is about three-quarters to an inch in length and narrow.

MEXICAN CHILI The kind used in making Chili Con Carne. We have the true Mexican grown seed.

PRICES on Pepper:	Pkt.	Oz.	¼-lb.
Chinese Giant	5	40	1.25
Sweet Mountain	5	25	75
Red Cherry	5	25	75
Red Chili	5	25	75
Long Red Cayenne	5	25	75
Bird Eye	5	25	75
Ruby King	5	25	75
Large Bell or Bull Nose.....	5	25	75
Tabasco	10	50	1.25
Mexican Chili	5	25	75

Above are postpaid prices; if wanted by freight or express, DEDUCT 10c per lb.

POTATOES

IRISH.

NOTE—The shortest crop reported in many years. We are, therefore, unable to quote prices in quantities at the time this goes to press.

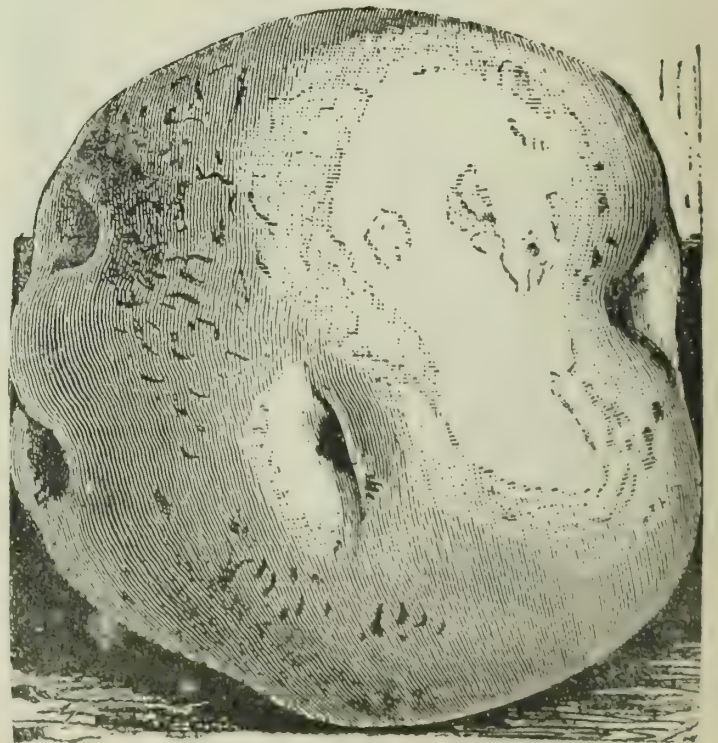
TRUCKERS WHO WILL WRITE US FOR PRICES WILL KINDLY STATE QUANTITIES DESIRED. WE WILL MAKE ESPECIALLY LOW FIGURES ON CAR-LOTS DELIVERED AT YOUR STATION.

SPRING PLANTING—After the ground has been thoroughly plowed and harrowed, lay off the rows two and one-half feet apart, making a slight furrow, into which drop the pieces of potatoes every ten inches apart; cover with the hoe or turning plow. Just before the potatoes come up, run a light harrow over the ground to break the crust and also to kill young weeds or grass. After the potato plants are about six inches high, commence to cultivate with the horse cultivator, followed by the hoe. Two or three cultivations during the growing season are generally sufficient to secure a good crop. Do not cultivate too late; after the young potatoes are about one-third or one-half grown all cultivation must stop.

FALL PLANTING—Use the same directions as for spring planting, with the exception for fall planting always plant the whole potato, using the small potatoes with from 2 to 3 eyes.

EARLY ROSE A splendid very early Potato for family use and for shipping to distant markets. It is quite productive and does well on light, rich soil. The Potato has a light pink skin; is oval and long; flesh pure white and very mealy when boiled.

EARLY OHIO Bears some resemblance to the Early Triumph, except perhaps in color, which is a little lighter than the latter, and the shape of the eyes is somewhat different. Like all pink or red varieties it does best in sandy soil, but will grow very well in heavy soil, and not rot as easy during a wet season.



Bliss Triumph

IRISH POTATOES—Continued.

PEERLESS A standard variety for home—a fine mealy Potato.

GREEN MOUNTAIN This variety has made an enviable record for yield, size, smoothness and handsome appearance. Good large size, hardly ever small ones, nearly round in shape, but flattened, just what is most desired now; skin white. Potatoes never prongy and never scabby, almost blight-proof, a sure yielder where others fail, in clay and all other soils.

BLISS' TRIUMPH This is without doubt the most popular and easily the leading Potato in the South, and there is a greater demand for it than for any other early. The Potatoes we offer are smooth, clean, and free from prongs and scab—growing stronger and more vigorous, maturing in a shorter time and yielding much more than home grown seed. Our stock is genuine Minnesota grown; none better to be had.

IRISH COBBLERS This variety is one of the most reliable and popular of the early varieties. It is of handsome, creamy white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly and a good keeper; in short, one of the best all-round early Potatoes on the market.

Prices on all Potatoes are 50 cents per peck and \$1.90 bushel. Special quotations on larger quantities furnished on request.

POTATOES, Sweet

CULTURE: Prepare a bed of good soil, rather sandy, and lay Potatoes close together. Cover 5 inches deep and water moderately. When plants are formed—in about six weeks—set one foot apart on ridges four feet apart, well drawn up and rather flat on top. Use hoe to keep young grass from choking plants and some horse cultivating is advisable. No further attention is necessary.

PUMPKIN YAM This Potato is becoming the leading variety in our market; the skin is of reddish brown color; flesh dark salmon color, very sweet and almost similar in taste to Cashaw Pumpkin. Very fine for table use.

BUNCH OR VINELESS YAM A very productive and marketable sort; good keeper and shipper; it is a late variety and can be planted closer in the hills than the other kinds, and makes very little vines.

DOOLEY YAM A well-known and deservedly popular variety.

Prices, slips, 50c per 100; \$3.50 per 1000, at buyer's expense. Special prices on larger lots.

PUMPKINS

Ger., Grosse-Kuerbis; Fr., Potiron; Sp., Calabaza; Nat. Ord., Cucurbitaceae.

One ounce will plant 10 to 25 hills. Crop matures in four months.

CULTURE: Pumpkins are not so particular in regard to soil as Melons or Cucumbers, but are cultivated the same, though on a larger scale. If larger quantities of Pumpkins are grown it is advisable to plant them on a field by themselves, as they readily mix with and injure the quality of the finer squashes and other vines. They are often raised between corn, but more properly belong to the farm. If planted in home garden you should put them in a most remote corner. Plant in hills 8x8 feet, in good corn land. The Cashaw likes soil a little richer than the other varieties. In the Brazos "bottom" lands enormous crops are grown by planting when Corn is "laid by." As a food for stock Pumpkins are being used in this State as they never were before.

PROLIFIC FIELD Of large size, enormously prolific, a rich golden yellow, good keeper, splendid for pies, excellent for stock, unexcelled for canning purposes—in a word, an all-round Pumpkin.



Sweet Cheese, or Kentucky Field

SWEET CHEESE, OR KENTUCKY FIELD Very popular in the South. Fruit flattened, diameter usually about twice the length; skin mottled light green and yellow, changing to rich cream color when mature; flesh yellow, tender and of excellent quality.

SMALL SUGAR, OR NEW ENGLAND PIE This handsome variety is small but very sweet, fine grained and of the very best quality. Skin deep orange, flesh rich, deep yellow, excellent boiled or for pies.

IMPROVED GREEN-STRIPED CASHAW A crook necked variety, with green and white striped skin. The flesh is of rich yellow color, solid, fine-grained, very thick and sweet.

WHITE CASHAW, OR CROOKNECK Fine for table use as well as for stock feeding. The fruits have a hard, creamy white shell, grow about 2 feet long, and the thick meat is of excellent quality.

GOLDEN, OR YELLOW CASHAW Golden or yellow skin; flesh thick, fine-grained and of excellent quality. Good for either table use or feeding to cattle.

CONNECTICUT FIELD A large yellow variety, hard shell, excellent for field culture.

JAPANESE PIE Fruit of medium size, nearly round. Skin light yellow, very thick, sweet and finely flavored. Makes very delicious pies.

TENNESSEE SWEET POTATO Bell shaped, thick white flesh; medium size, skin creamy white, fine grained, sweet and delicious; one of the best for pies.

PRICES for Pumpkin Seed:

	Pk.	Oz.	¼-lb.	1-lb.
Prolific Field	5	10	15	40
Large Cheese	5	10	15	40
Small Sugar	5	10	20	60
Cashaw Green Striped.....	5	10	25	85
Cashaw, White	5	10	25	85
Cashaw, Golden or Yellow.....	5	10	25	85
Connecticut Field	5	10	15	45
Japanese Pie	5	10	25	75
Tennessee Sweet Potato.....	5	10	25	75

All above prices are postpaid. If wanted by express or freight, DEDUCT 10c per lb.

RADISH

Ger., Rettig; Fr., Radis; Sp., Rabinas; Ital., Ravenello.

One ounce to 100 feet of drill; crop should mature in eighteen to thirty days, as to variety; seeds germinate quickly.

CULTURE: Sown here the year around, give them light, rich soil and plenty of water. For the long varieties the soil should be loosened very deep. All varieties thrive best in light sandy loam, for winter or early use sow in hotbed, giving plenty of ventilation; for outside sow as soon as the soil is warm and dry, covering seed about half an inch deep. We have been very careful to secure the very best seed possible and there is none sold under other names which is better than that of the varieties we offer.

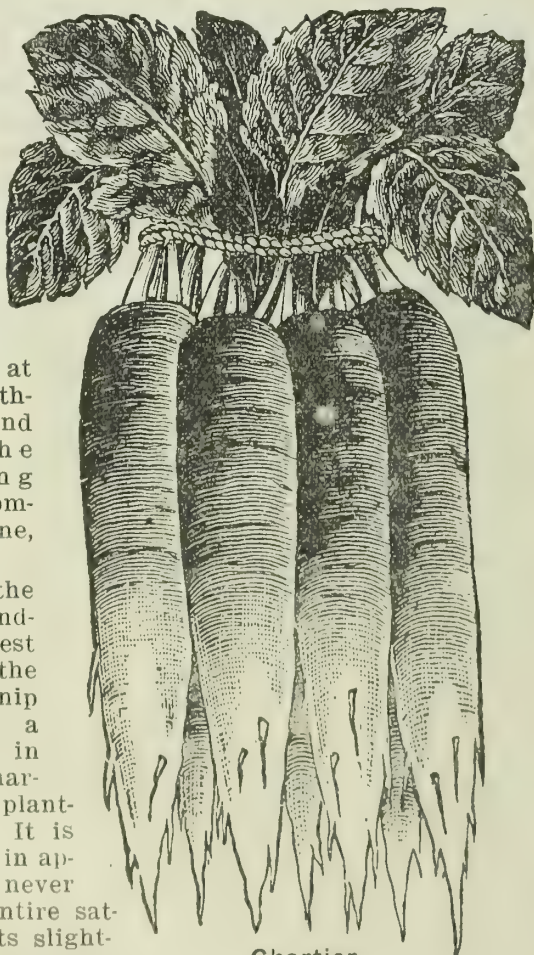
HALF-LONG BRIGHTEST SCARLET, WHITE TIP half-long, bright scarlet with snow white tip; a beautiful Radish; a splendid seller and the best table variety; ready for the table in twenty-one days.

LONG BRIGHTEST SCARLET, WHITE TIPPED the brightest and handsomest colored scarlet Radish known, and a decided improvement in earliness and color over other varieties of this class. It makes roots fit for use in about twenty-five days from time of planting, and they continue in good condition until they are full grown.

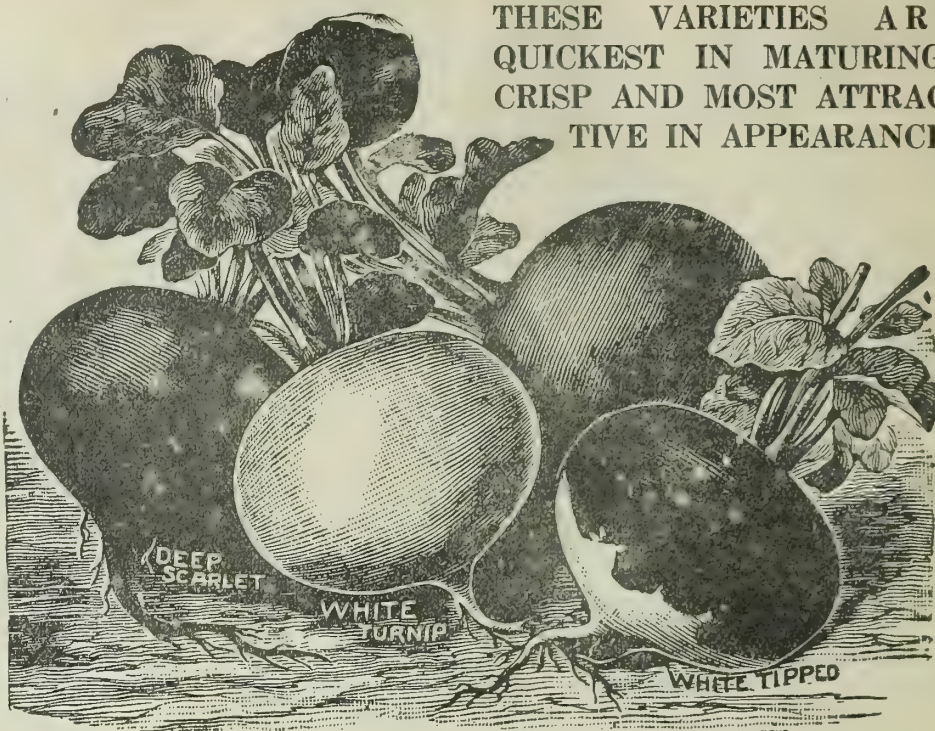
EARLY LONG SCARLET This is a standard, most excellent sort either for home garden or the market. Tops short and comparatively small. Roots smooth, slender, uniform in shape and a very attractive bright red in color. They grow half out of the ground and continue crisp and tender until fully matured, when they are about six inches long.

CHARTIER This is one of the best long Radishes for outdoor planting. Tops of medium size. The roots are rather long, averaging seven to eight inches when matured. Scarlet, shading to white at the tip; withstands heat and remains in the ground a long time before becoming "hot," a fine, long variety.

EARLY One of the **SCARLET** handsomest **WHITE** of the **TIPPED** turnip Radishes and a great favorite in many large markets for early planting out-doors. It is most attractive in appearance and never fails to give entire satisfaction. Roots slightly flattened on the under side; color very deep scarlet with distinct white tip; flesh white, of best quality.



Chartier



THESE VARIETIES ARE QUICKEST IN MATURING; CRISP AND MOST ATTRACTIVE IN APPEARANCE.

EARLY SCARLET TURNIP A round, red, turnip-shaped Radish with a small top and of very quick growth. A very early variety, deserving general cultivation on account of its rich color and crisp, tender flesh. Very desirable for early outdoor planting as well as forcing.

EARLY SCARLET GLOBE The roots of this variety are slightly olive shaped, a rich bright scarlet in color, flesh white and tender. We specially recommend this to gardeners as a large, first early forcing Radish.

WHITE GLOBE Similar to the Scarlet Globe, save in the color. This is an early white Radish, a little more flattened than Scarlet Turnip, of smaller size and a fraction earlier in maturing. Tops very small, roots about one inch in diameter when mature. Flesh pure white and tender. Splendid for forcing.

FRENCH BREAKFAST A quick growing, medium sized Radish, rather oblong in shape; color a beautiful scarlet, except near the tip where it is pure white. A splendid variety for the table on account of its excellent quality and attractive color. This olive-shaped sort is about 1½ inches long by ¾ inch in diameter when fully grown.

ICICLE, OR LADY FINGER A very excellent variety with long, very smooth, white roots which are crisp and tender. It matures shortly after Wood's Frame, and is one of the most desirable of the white summer sorts.

CHINA ROSE WINTER Grows to enormous size and is good in all stages of its growth; a plant that can be planted in the fall and roots can be pulled until late in the spring. Roots are cylindrical, or largest at the bottom, tapering abruptly to a small tap. Skin very smooth and of a bright rose color; flesh firm, crisp, tender and quite pungent.

LONG BLACK SPANISH A winter variety; plant in the fall and pull as wanted; those weighing two pounds will be found as brittle as the younger ones.

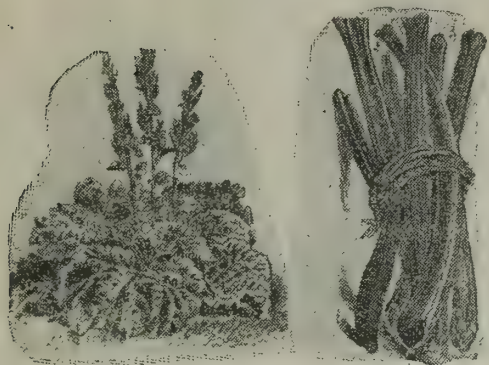
ROUND BLACK SPANISH Similar to the above in every respect, except the tuber is globe-shaped instead of being oblong.

LONG WHITE VILMORIN Large size, 8 to 12 inches long, 2 to 3 inches thick; white, solid and of good quality.

Prices on all Radishes are Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c, postpaid. If by express or freight, DEDUCT 10c per lb.

RHUBARB

OR PIE PLANT



Rhubarb, or Pie Plant

Rhubarb, also known as Pie Plant, is the earliest spring vegetable and is grown for its leaf stems, which are extensively used for pies and sauce. It succeeds best in deep, somewhat retentive soil, and the richer this is and the deeper it is stirred the better. The stalks should not be plucked until the second year. Blossom stalks should be cut back well into the ground as it will exhaust the plant if running to seed.

One of the earliest vegetables in the spring and highly esteemed as a spring tonic. Every garden should contain a bed of Rhubarb Roots; 1 oz. will sow 100 feet of drill.

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

LINNAEUS Large and tender, early, containing large stalks and leaves and a rapid, satisfactory grower. Makes a delicious and highly aromatic sauce, and has no superior as a pie variety. The very finest of all. Pkt., 5c; oz., 15c; 1/4-lb., 35c; lb., \$1.00, postpaid.

ROOTS We offer strong field Roots which are much more easily transplanted and do better. Never have we had a better lot of Roots and can furnish them any time from November until March and April. 20c each, by mail, postpaid. By express, not prepaid, \$1.50 per dozen.

ROQUETTE

A hardy annual, the leaves of which are long, smooth and glossy, and when young are used like mustard for salads. When in usable condition the plants are from eight to ten inches high. Sow the seed in shallow drills about sixteen inches apart, in early spring and for succession every few weeks thereafter. Water freely. The young leaves will be ready for cutting in about six weeks from time of planting. Pkt., 5c.

SALSIFY

OR VEGETABLE OYSTER

A nutritious esculent of oyster flavor. Sow the seed early in spring, in drills one foot apart and one inch deep, thinning out the young plants to four inches. The roots will be ready for use in October, when a supply should be taken up and stored in moist sand and in a cool room. Those remaining will suffer no injury by being left in the ground until spring.

LONG WHITE A favorite variety; finely flavored. Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., \$1.00, postpaid.

MAMMOTH SANDWICH ISLAND Larger than the ordinary white. Invaluable for the market gardener. Pkt., 5c; oz., 20c; 1/4-lb., 40c; lb., \$1.25, postpaid.

SPINACH

1 oz. to 100 feet of drill; 8 lbs. to an acre.

Ger., Spinat; Fr., Espinard; Sp., Espinaca; Ital., Spinace.

CULTURE: This truly excellent vegetable is coming more and more into general use. Plant from September to March. If the season is dry and hot do not plant, for Spinach seed requires cool nights and moist ground in order to germinate. A good way to plant is to sow thinly in beds, broadcast. Plant Radish in the same bed, as also Beets. By the time the Radish is gathered and the Beet transplanted, the Spinach will begin to show its characteristic large leaves and will have room to grow. Spinach loves rich land. No plant makes more palatable and nutritious greens than Spinach when properly prepared, retaining its bright green color after cooking.

BLOOMSDALE This standard variety as an autumn sort is superior to all others, but in the spring it is inclined to shoot early. The leaves are twisted and bloated, giving them when ready for shipment an elasticity adapting them for transportation to long distances. The plant is very early, of upright growth; leaves are pointed but quite broad and resemble Savoy Cabbage very much. Seed is round. A great favorite with market gardeners in the South. It has thick, dark green wrinkled leaves, and is perfectly hardy. Fine substance and flavor. One of the best for fall sowing.

VICTORIA An excellent sort forming a very large, exceedingly thick, very dark green leaf slightly curled in the center. It becomes fit for use nearly as early as any, remaining so much longer than most kinds and cannot fail to please, whether grown for the market or in the private garden. A sort continuing long before shooting to seed, of intermediate season.

LONG STANDING An improved round-seeded strain of excellent quality; after reaching maturity it remains in condition for use much longer than most sorts; leaves comparatively smooth and dark, rich green. Plant very large, becoming rather procumbent when mature, leaves usually very broad, arrow-shaped or rounded. Very slow in running to seed.

GIANT THICK LEAF A variety which grows very rapidly, forming a cluster of large, very thick, slightly wrinkled leaves. A great favorite with market gardeners. Leaves are attractively curled and on account of their firmness and substance they remain in prime salable condition. A large, thick leaved variety of American origin and well worth a trial; the following (also an American creation) is thought by the introducer to be a long step in the direction of the much wished for improvement in Spinach.

PRICES on Spinach:	Pkt.	Oz.	1/4-lb.	1-lb.
Bloomsdale	5	10	15	35
Victoria	5	10	15	35
Long Standing	5	10	15	35
Giant Thick Leaf	5	10	15	35

Above are postpaid prices.

By express, not prepaid, 5 lbs. for \$1.10; 10 lbs. for \$2.00.



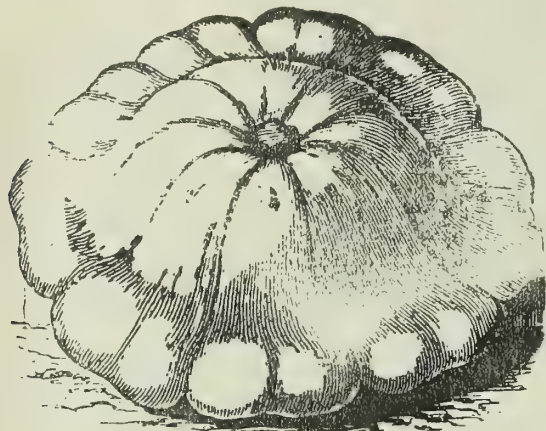
Bloomsdale Spinach

SQUASH

Ger., Speise-Kuerbis; Fr., Courge; Sp., Calabaza; Ital., Zucco.

Of the small varieties an ounce of seed will plant forty hills; of the large varieties, an ounce will plant, say, fifteen hills.

CULTURE: Plant in spring, soon as frost danger is over, and early in fall, as soon as rains have fallen, the small sorts in hills $4\frac{1}{2} \times 4\frac{1}{2}$ feet, and the large kinds in hills 6×8 feet, putting eight to ten seeds in a hill. Thin out to three plants to the hill and cultivate as long as the plow can be run.



Early White Bush, or Patty-Pan

EARLY WHITE BUSH OR PATTY-PAN Is earlier than any other variety, of dwarf habit and very productive; grows in a bush form, and occupies less room on the ground than any other sort, it is a variety that is grown the most extensively for market and for shipping purposes. Summer Squashes should always be used when young and tender, which can be determined by an impression of the nail. Color is creamy white, with comparatively smooth surface.

MAMMOTH WHITE BUSH SCALLOP Same as above, but of monstrous size. Excellent large strain. Nearly as early as the common sort. The most handsome of the summer varieties, somewhat flattened and scalloped. The fruit is uniformly warted and of a beautiful clear waxy white color. Splendid for market and home garden. Splendid shipper.

GOLDEN SUMMER CROOKNECK The largest and best of all summer Crookneck Squashes. Of dwarf, bushy habit and very productive, bears early and all summer. True type. Its cooking qualities are unexcelled. Fruits, when fully grown, are about one foot long; shell very hard when ripe. Golden skin, nicely warted and of excellent eating properties; very salable.

EARLY YELLOW BUSH A very early, somewhat flattened scalloped bush Squash of largest size. Skin deep orange, flesh pale yellow and of very good flavor. A very fine summer variety.

BOSTON MARROW A very productive fall and winter variety of medium to large size, oval shape, skin thin; when ripe bright orange with a shading of light cream color. Flesh rich salmon yellow, fine grained and of excellent flavor, but not as dry as the Hubbard.

MAMMOTH CHILI A very large fruited variety. Under special cultivation the fruits attain a very great weight; the skin is quite smooth but with broad, open netting, and of a rich orange yellow. Flesh very thick and of a rich yellow coloring, fine grained and sweet. Fruit is oblong, productive; very profitable for stock.

HUBBARD This is one of the best of the winter Squashes; flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored; keeps well through the winter, boils or bakes exceedingly dry and is esteemed by many to be as good baked as the sweet Potato. Our stock is most carefully selected in regard to quality of the flesh and color and wartiness of the shell, but the latter peculiarities are largely determined by the soils in which the Squashes are raised.

DELICIOUS The result of years of crossing the Hubbard having been prominently used in its make-up. Green when matured. Flesh thick, dark orange in color; dry, sweet and of rich flavor. Is best as fall and winter variety.

PRICES on Squash:

	Pkt.	Oz.	$\frac{1}{4}$ -lb.	1-lb.
Early White Bush or Patty-Pan....	5	10	25	75
Mammoth White Bush Scallop.....	5	10	25	75
Hubbard	5	10	30	85
Early Yellow Bush	5	10	25	75
Golden Summer Crookneck	5	10	25	75
Boston Marrow	5	10	25	75
Mammoth Chili	5	15	35	1.25
Delicious	5	15	40	1.25

Above prices are postpaid.



Hubbard

SORREL

Ger., Sauerampfer; Fr., Oseille; Ital., Acetosa.

Those who think of Sorrel as the starved looking weed of barren lands have little idea of the possible value of the plant. The improved varieties, when well grown and cooked like spinach, make a healthful and very palatable dish. Sow in drills early in the spring and

thin the seedlings to six or eight inches apart in the row. One may commence cutting in about two months, and the plants will continue in full bearing from three to four years.

LARGE LEAVED FRENCH The best garden variety, having large, pale green leaves of fine quality. Pkt., 5c; oz., 15c; 2 ozs., 25c; $\frac{1}{4}$ -lb., 40c, postpaid.

TOMATOES

Ger., Liebesapfel; Fr., Tomato; Sp., Tomate; Ital., Pomo d'oro.

As our customers are well aware that seeds are the most deceptive article in existence and not even an expert could tell from a mere examination of Tomato Seed whether they were saved by an expert or whether they were washed out of the refuse back of a canning factory; therefore, in presenting the following varieties of Tomatoes we assure our customers that same have been thoroughly tested. We only kept the best—the most meritorious—and eliminated those unfit for our trade. These varieties are standard sorts only and the seed stock we offer is as fine as you can buy anywhere.

An ounce of seed should produce 2000 seedlings.

CULTURE: For early plants sow in seed boxes in drills, say four inches apart; when the seedlings are two inches high, plant in other boxes 4x4 inches. Don't have the soil in your seed boxes rich. When danger of frost is past plant in rows four feet apart and three feet apart in the row. It will be well in making the hills in which the Tomatoes are planted to mix a full spadeful of well rotted manure with the soil. Do not use fresh or half-rotted manure. If you have not the right kind of manure use a balanced commercial fertilizer. Give a thorough watering at time of transplanting and set the plants in the ground up to the first sound leaf. Owing to the probabilities, or rather possibilities, of having a wet season, it will be wise to throw up beds, on which to plant the Tomatoes, so, in the event of a long wet spell, the surplus water may run off. Tomatoes are impatient of water. Your vines will bear longer and will bear better fruit if they are staked, or otherwise kept off the ground. A cheap, though excellent plan, is to set stakes at an angle of 15 to 20 degrees from the perpendicular, at intervals of six to ten feet, and stretch on them wire netting on which the vines may rest. The fruit will fall below the netting and the leaves will cover so as to prevent sun scald. This plan will also assure a good circulation of air, which will tend to ward off disease. When insect enemies appear the spray can be more advantageously used. Other advantages will occur to the man who thinks—and he who doesn't think had best devote his farm to corn and cotton instead of truck.

PERFECTION (Bright Red.) This is one of the most handsome Tomatoes grown, and all who have tried its invariably large, round, smooth, blood red fruit pronounce it of highest quality. The Perfection Tomato may be described as an Improved Acme with red skin. The skin is sufficiently tough and the fruits so solid, they may be shipped long distances and reach in good condition. Of medium size. Ripens with Acme and a week or ten days earlier than Stone. A desirable sort for gardeners and canners who require a red Tomato.

DWARF STONE (Bright Red.) This dwarf Tomato has a stout, upright and compact growth. The fruits of this sort are larger than Dwarf Champion; vines are very stout and prolific. The shape of the fruit is perfect, skin is free from cracks on stem end. It is an exceedingly tasty sort. The fruit is as large as the late Stone, and of the same color, a bright red, while it is as early as the other dwarf varieties and, like them, may be planted much closer.

STONE (Bright Red.) The greatest canning Tomato in the world. The largest, bright red, perfectly smooth, highest yielding, best keeping, finest flavored variety in existence. Vines vigorous and productive; fruit large and smooth, deep red in color and very heavy. The best all-around variety where earliness is not important.

MATCHLESS (Bright Red.) A very popular Tomato in the East. Fruit large, very smooth and symmetrical,

ripening well to stem. Flesh rich, bright red color and of fine quality, although possibly not quite as firm as Improved Trophy or Stone.

SPARK'S EARLIANA (Bright Red.) The earliest smooth, bright red Tomato of good size. It is so far superior, in hardiness, sure setting of fruits, size and smooth, uniform shape, that it is now planted exclusively in this section. Plants are compact in growth, with short, close-jointed branches, setting fruits very freely. The Tomatoes are quite uniform in size and of smooth, regular form. They are fleshy, solid and excellent for shipping purposes. This Tomato is not only remarkable for its earliness, but for its very large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts. From less than 4000 hills the originator realized from his first pickings \$725.00, clear of freight and commission, being in the market fully a week before all others. Spark's Earliana is as near seedless as any Tomato we ever saw, containing less than one-fourth the seed of other varieties, and for this reason the genuine seed can never be sold at a low price.

CHALK'S EARLY JEWEL (Bright Red.) Within a week or ten days as early as the famous Spark's Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a surer cropper. Of compact growth. Large, handsome fruits, very solid, deep through. Color brightest scarlet, ripening right up to the stem without any cracks or green core. The foliage is rather open, admitting the sunlight to the center of each plant, so that all the fruits are thoroughly ripened, but the leaves are dark green and not inclined to curl. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor; skin thin, but strong enough to make it a good shipper.

PONDEROSA (Bright Red.) A reddish fruited Tomato of largest size. Vine vigorous and very productive. The fruit ripens early and bears well until very late, almost seedless, frequently weighing more than two pounds. Somewhat scattered on the vine, and a percentage are rather rough. Good for home use; splendid slicer. Fruit very solid, fairly smooth and considered of very good quality, especially by those who prefer a Tomato quite free from acid.

FAVORITE A purple fruited sort of excellent quality; grows to uniformly large size which is maintained until late fall. Fruits are invariably smooth, solid, and the flesh is of the finest color. Plants are very thrifty, free from rust or blight; very prolific. Excellent for slicing.



Spark's Earliana

TOMATOES—Continued.



Early Acme

JUNE PINK (Pink.) Ripens as early as Spark's Earliana and ten days to two weeks earlier than Chalk's Early Jewel. It is an enormous bearer, clusters of six to ten fruits being borne both at the crown and at the forks of the branches. The fruit is of medium size, uniform, smooth and attractively shaped, without cracks or any green core. The skin is reasonably tough, so that it is excellent for shipping. In color it is a bright, pleasing pink.

DWARF CHAMPION (Purple.) A purple fruited variety forming a strong, erect, bushy plant two feet high. Often sold as Tree Tomato. Fruit smooth, medium sized, fairly solid and is of good flavor. Desirable for forcing as it can be planted close to the glass and more closely on the bench than the tall growing kinds.

BEAUTY (Purple.) Livingston's Beauty has retained the reputation it made years ago as a perfect Tomato. The plants make a strong growth, are hardy and bear plentifully; the fruit is produced in clusters of four to six, is large, of perfect shape and retains its size until late in the season. Ripens early, has firm flesh of excellent quality, seed cells are very small. May be picked quite green; will ripen up nicely, look well and keep in

perfect condition for a week after becoming fully ripe. For shipping and early market it cannot be excelled.

ENORMOUS (Purple.) The largest Tomato known, a good main cropper, and a desirable family variety; smooth, but apt to crack about the stem end; few seeds and of fair quality when grown on good soil.

ACME (Purple.) One of the best earliest purple-fruited Tomatoes in existence. As a shipping sort it is unsurpassed. We consider this remarkable variety the smoothest and most uniform, medium-sized sort. Acme is very prolific, fruits are produced in clusters of four to five, are large and free from cracks. Flesh is remarkably solid and stands long distance shipment.

IMPROVED TROPHY (Purple.) By careful breeding and selection, there has been produced a strain which compares favorably with any in smoothness and regularity of the fruit. Its large, strong growing, vigorous and exceptionally productive vine, large, very solid, smooth, fine flavored and beautiful, deep, rich red fruit, will satisfy the most exacting.

EARLY MICHIGAN (Purple.) Vines large with large, dark green leaves, vigorous and productive; one of the heaviest croppers; fruit medium size to large, perfectly smooth, solid, without any core; deep rich red color and of excellent flavor. Its first fruits are very early, but the vines continue to bear for a long time.

YELLOW PEAR Pear-shaped and of a beautiful yellow; much used for pickling and preserving.

YELLOW PLUM Similar to above except in being of a plum shape.

PRICES on Tomato Seed:	Pkt.	Oz.	¼-lb.	1-lb.
Acme	5	25	75	2.00
Stone	5	25	75	2.25
Dwarf Champion	5	25	75	2.25
Improved Trophy	5	25	75	2.25
Beauty	5	25	75	2.25
Enormous	5	25	75	2.25
Favorite	5	25	75	2.25
Matchless	5	25	75	2.25
Yellow Pear	5	25	75	2.25
Yellow Plum	5	25	75	2.25
Spark's Earliana	5	25	75	2.25
Dwarf Stone	5	25	75	2.25
Ponderosa	5	35	90	3.00
Perfection	5	25	75	2.25
Early Michigan	5	25	75	2.25
Chalk's Early Jewel	5	25	75	2.25
June Pink	5	25	75	2.00

Above prices are all postpaid. DEDUCT 10c if wanted by express or freight.

TURNIPS

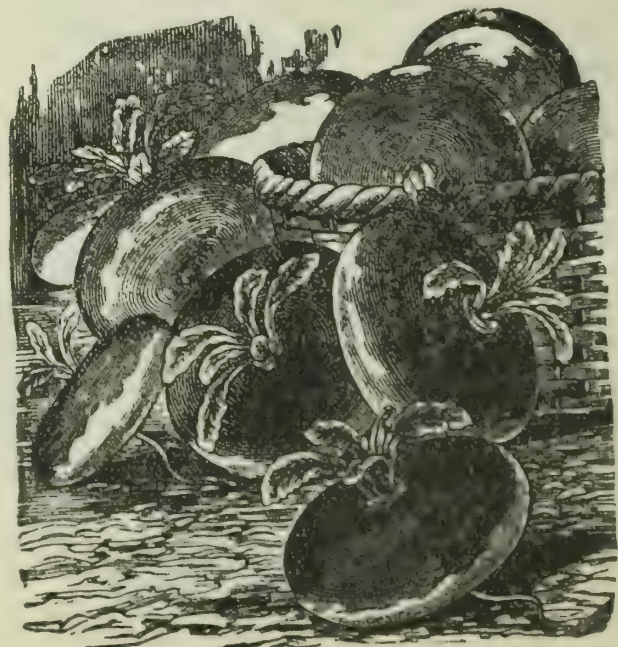
Ger., Wasserruebe; Fr., Navet; Sp., Nabo; Ital., Navone.

Sow one and a half pounds to the acre; one ounce to 150 feet of drill.

The value of Turnips and Rutabagas for feeding stock in fall and winter is not fully appreciated, as they are much liked by all kinds of stock and serve to keep them in good condition. They should not be fed in large quantities to milk cows, or the flavor of the milk will be disagreeably affected. We earnestly recommend that farmers increase their sowings largely, for we are sure the crop will prove remunerative.

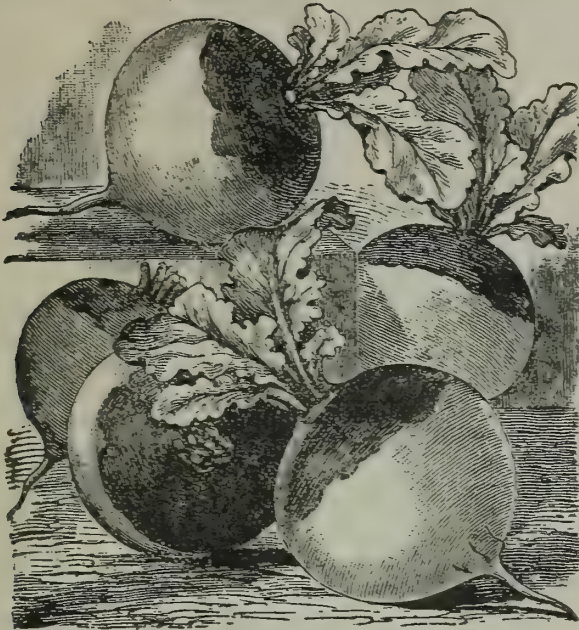
CULTURE: Soil should be rich, light and well harrowed. In this section Turnips are usually sown broadcast, though occasionally are drilled in. When drilled there should be fourteen inches between rows. Plant from July to April.

EARLY PURPLE TOP, An early variety and a great **STRAP LEAVED** favorite for table use. Leaves few, entire, upright in growth. Root of medium size. Color purple or dark red above ground, white below; flesh white, fine grained and tender.



Purple Top Strap Leaf

TURNIPS—Continued.



Purple Top White Globe

POMERANIAN WHITE GLOBE One of the most productive kinds and in good, rich soil roots will frequently grow to twelve pounds in weight. It is globe-shaped, skin white and smooth; leaves large and dark green. Used largely for stock feeding but is also excellent for table use.

EARLY WHITE FLAT DUTCH, A most excellent GAR-STRAP LEAVED den variety and largely used in Southern States. Root medium sized, from four to five inches in diameter and about two inches thick; color white; very early, sweet and tender. It is desirable for table use but like other early sorts is spongy and inferior when overgrown.

LARGE AMBER GLOBE One of the best yellow fleshed varieties grown as a field crop for stock. Flesh yellow, fine grained and sweet; color of skin yellow; top green. Grows to a large size, is hardy, keeps well and is a good cropper. Very popular in the South.

YELLOW GLOBE A round, smooth, medium sized, light yellow Turnip, with crisp, firm flesh of fine quality; a very attractive and beautiful sort.

YELLOW ABERDEEN Roots medium sized, round, flesh pale yellow, tender and sugary; the variety is hardy and productive and the roots keep well. It is considered as approaching very nearly to the Rutabaga in hardiness and firmness of texture and therefore is of special value for feeding cattle.

WHITE EGG A small snow white variety of great sweetness and tenderness and of phenomenally rapid growth. The finest flavored of all early turnips and with favorable seasons is ready for table use in six weeks from sowing. Skin and flesh are pure snow white; solid, fine grained, sweet and a good keeper.

COW HORN, OR LONG WHITE Pure white, except a little shade of green at the top; carrot-like in form, slightly crooked and growing nearly half out of the ground. Delicate and well flavored, of very rapid growth and has obtained considerable favor as a market sort for fall and early winter.

EXTRA EARLY PURPLE TOP MILAN The earliest Turnip in cultivation—about two weeks earlier than Purple Top Strap Leaved. The root is flat, of medium size, quite smooth with a purple top. Flesh white, hard and of fine quality.

SEVEN TOP Does not produce a good root, but is extensively grown in the South for the tops which are used as "greens." Very hardy, and will grow all winter.

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. Roots are about in good condition for table use when about 3 inches in diameter, but can be grown much larger if intended for stock feeding. An early variety. Globe shaped; heavy cropper. In other respects similar to the Red Top Strap Leaf. A handsome looking bulb and is rapidly taking the lead of all other varieties of early Turnips for market garden purposes.

RUTABAGA

Ger., Steckruebe.

AMERICAN PURPLE TOP This is a strain of Purple **RUTABAGA** Top Yellow Rutabaga of American origin, selected to a smaller top and much shorter neck than is usually found, while the roots grow to a large size and are of the finest quality and excellent for table use and stock feeding. We consider this one of the most desirable sorts. A hardy, productive variety, having but little neck. The roots are large, slightly oblong or nearly globe-shaped, fairly smooth, with very small tap root. Color purplish red above ground, and bright yellow beneath. Flesh yellow, of solid texture, crisp and tender.

REICHARDT'S MAMMOTH PURPLE TOP RUTABAGA—See Specialties.

PRICES on Turnip Seed:

	Pkt.	Oz.	¼-lb.	1-lb.
Early Purple Top Strap Leaf.....	5	10	20	60
Purple Top White Globe.....	5	10	20	60
Early White Flat Dutch.....	5	10	20	60
Large Amber Globe.....	5	10	20	60
Pomeranian White Globe.....	5	10	20	60
Yellow Globe	5	10	20	60
Yellow Aberdeen	5	10	20	60
White Egg	5	10	20	60
Cow Horn	5	10	20	60
Extra Early Purple Top Milan.....	5	10	20	65
Seven Top	5	10	20	60
Rutabaga. Am. Yellow, Purple Top..	5	10	20	60

All above are postpaid prices. If wanted by express, DEDUCT 10 cents per lb.

TOBACCO

The importance of this crop in many sections makes the use of the very best seed an urgent necessity. After securing the right kind of seed we are now offering a quality of seed which is unsurpassed. The seed should be sown as soon as danger of frost is over. Seeds are covered very lightly. When the plants are about six inches high transplant into rows four to five feet apart each way. Cultivate thoroughly with plow and hoe.



CONNECTICUT SEED LEAF A hardy cigar variety, well adapted to our climate. Pkt., 5c; oz., 20c; ¼-lb., 60c.
HAVANA IMPORTED Leaf very thin, fine texture. Much used for cigar wrappers. Pkt., 10c; oz., 30c.
WHITE BURLEY A favorite for plug fillers and wrappers. Pkt., 5c; oz., 35c.

VALUABLE LEGUMINOUS FORAGE AND HAY PLANTS

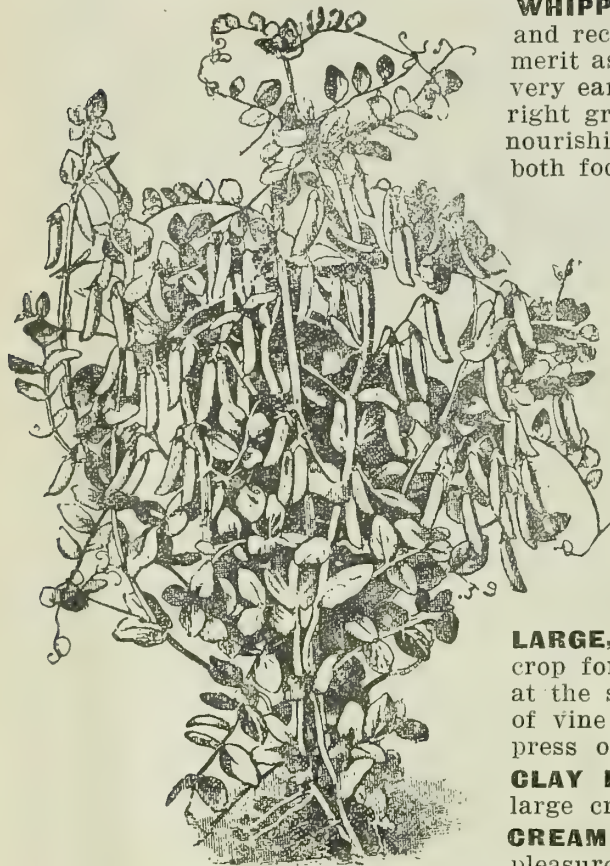
COW PEAS

VIGNA CATJANG

PRICES SUBJECT TO MARKET CHANGES. WRITE US FOR PRICES WHEN LARGE QUANTITIES ARE WANTED.

The Cow Pea is too well known by the Southern farmer for us to describe them or give their merits. We wish only to impress upon our patrons the value and importance of planting more Cow Peas, as they are the greatest of all leguminous plants, in obtaining from the air that most expensive plant food, nitrogen, storing it in their roots, making poor land rich and good land much improved. Sow $1\frac{1}{2}$ to 2 bushels to an acre.

We are extensive dealers in Cow Peas; if you have any to sell, kindly advise us.



WHIPPOORWILL The most highly valued plant in the South for fodder and reclaiming old and worn out land, as it is a leguminous plant of special merit as a fertilizer. The old standard popular sort, bunch in character and very early. Has brown, speckled seeds, easily gathered on account of the upright growth. The vines when fed green make the best fodder and are very nourishing. This variety is the most popular sort and yields a good crop of both fodder and peas. Two crops can easily be made in one season. When ripened the ground peas make the best cattle fattener. By express or freight. Peck, 90c.

NEW ERA An early, small blue speckled sort, growth is bunch in character. The earliest variety of Cow Peas in existence and therefore most decidedly the best for growing in the Southern States. If you will get the grain off the ground early and plow and plant to New Era Cow Peas you can put the ground in fine shape for the coming crop. You will not have to haul manure on land so treated. Sow in orchards and either use for feed or soiling. By express or freight. Peck, 95 cents.

WONDERFUL OR UNKNOWN This makes an enormous growth of vines, but requires the full growing season to make its crop. In yield and growth of vines it surpasses any of the varieties of Cow Peas, and it yields largely of the shelled peas. This variety should be planted not later than the end of June, in order to come to full maturity. By express or freight. Peck, 90c.

LARGE, BLACK-EYED PEAS The large Black-Eyed Peas make a profitable crop for picking the dry peas for sale in our markets during the winter; at the same time make an excellent soil-improver, being similar in growth of vine and action of roots upon the soil to the other Cow Peas. By express or freight. Peck, \$1.00.

CLAY PEAS Most desirable for enriching the soil and for furnishing a large crop of nutritious forage. By express or freight. Peck, 90c.

CREAM PEAS This is the most beautiful table Pea we have ever had the pleasure of offering our customers. It has given the best satisfaction of any variety we have ever offered for table use, and very deservedly so, as there are none that can surpass it in splendid flavor. In point of yield, they double the well-known Black-Eye, command a higher price on the market, cook quicker, and are in every way superior to it as a table sort. It grows in bunch form. Peas are of a cream color. By express or freight. Peck, \$1.00.

CROWDER PEAS Small seeded, but strong growing and prolific Pea for table use. Peas are creamy white and of the finest quality. Express or freight. Peck, \$1.00.

MIXED PEAS Every year thousands of bushels of Peas become mixed in handling, and these are generally considered as good for forage purposes as the straight varieties and usually sell for a little less. By express or freight. Peck, 70c.

NOTE:—If there are any varieties of Peas which you want, write us, and we will let you know if we can furnish them. Samples of all varieties on application.

FIELD BEANS

DOLICHOS MULTIFLORUS

VELVET BEAN This has been tried and found to be the best forage plant in the South. It produces more vine and leaves than any of the Cow Peas, and the leaves remain green longer. The seeds are rich in fattening matter, and are relished by all stock except horses. Before feeding to cows it will be found best to soak in clear water until soft. The product is simply enormous. Plant the beans in rows about six feet apart, and drop the beans about twelve inches apart in the row. Plant as soon as danger of frost is over, soaking the seed twenty-four hours before planting. One peck will plant an acre. By express or freight. \$1.50 per peck.

SOJA BEAN One of the most valuable forage plants for pasturing or feeding green. The vines are bushy and vigorous, erect habit. Fed in the green state, they afford much nutritious forage. They grow splendidly anywhere in the South; are equal, if not superior, to the Cow Pea as a soil improver, and is immensely proli-

fic. When sown in rows and cultivated, makes heavier yield per acre and are superior to the Cow Pea in feeding value for stock. Sow broadcast at the rate of one-half bushel to the acre, or plant in drills, $3\frac{1}{2}$ feet apart and $1\frac{1}{2}$ feet between the plants, dropping two or three beans in a hill. One gallon will sow one acre if drilled. By freight or express. Peck, \$1.50.

Mammoth Yellow—Our experiments have shown this variety more suitable for this part of the country than any other sort. It makes the heaviest growth of foliage, more resistant to drouth and disease, and the heaviest yielder of beans. Qt., 25c; $\frac{1}{2}$ -peck., 80c; peck, \$1.50.

NAVY BEANS (Commonly called white "Soup" Beans.) This is the greatest commercial Bean in the world and is planted both as a garden and field variety. It is a bush or dwarf sort of upright growth and a prolific bearer. Large pkt., 10c; pt., 20c; qt., 35c, postpaid. Express or freight, pint, 10c; qt., 20c; peck, \$1.25.

FORAGE AND HAY PLANTS—Continued.

ALFALFA and CLOVER SEED

ALFALFA AND CLOVER SEED Alfalfa is one of the most valuable perennial leguminous forage and hay plants in the world and is grown with more or less success in nearly every State in the Union. The root system of the plant is the most wonderful thing in connection with its growth. There is no telling how deep the roots of Alfalfa will penetrate. They have been discovered below the earth's surface more than a hundred feet. Alfalfa may be sown in September, October or November, or during February, March and April. Fall sowing should prove more profitable, although such is not always the case. It is better not to risk all at the same time. Alfalfa should be cut for hay when blooms begin to appear, and where delayed too long the quality of the hay will be much impaired. No cultivation is usually given young Alfalfa, but there are times when spring sowing can be harrowed to great advantage shortly after the plants are up, provided, the ground is foul with weeds or has become baked. After the plants are established for a year, cultivation may be given each spring by means of a disc harrow with disc set straight, in order to split up the old crowns, stirring the soil and assisting the plants in spreading. The feed value of Alfalfa Hay is very high. In fact, it is almost a complete ration for a work horse. Alfalfa may be cut from two to five times a season. The yield to an acre in a season will vary from four to six tons of dry hay.



Alfalfa

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ALFALFA, OR LUCERNE (MEDICAGO SATIVA.) It is useless to sow this clover on land having a stiff clay or hard pan subsoil, as the roots naturally penetrate to a great depth and must do so if the plants live any time. Sow on rich, moist loam or sandy soil having a deep, porous subsoil. Prepare the land thoroughly and sow seed at the rate of twenty-five to thirty-five pounds per acre with a broadcaster or grass seeder. Cover with a brush or light harrow. The young plants are quite tender and the land must be free from weeds until they become established.

By express or freight, 20 lbs., \$4.50; 50 lbs., \$10.00; 100 lbs., \$19.00.

TURKESTAN ALFALFA This most valuable new variety was sent out by the Department of Agriculture twelve years ago in a small way, and has given universal satisfaction wherever sown. This variety of Alfalfa has been imported from Turkestan, a part of Asia, which country is noted to be subject to very cold and extremely dry weather. The leaves of this variety are covered with down and furnish fodder of not only greater superiority to common Alfalfa, but also the yields of hay are much larger. It is more hardy than the ordinary variety, having stood a temperature 40 degrees below zero when the ground was bare. It will also stand extreme drouth, as it comes from a locality where the summers are dry and hot and the winters extremely cold. We believe that the farmers of this country will find it of special value, making not only a larger top growth, but much better root growth. By express or freight, 20 lbs., \$4.50; 50 lbs., \$10.00; 100 lbs., \$19.00.

BURR CLOVER

MEDICAGO DENTICULATA

A most valuable grazing crop, growing luxuriantly all through the winter and until summer comes fully on. After once being seeded, it reseeds itself and improves in growth and appearance each succeeding year. It is admirably adapted for use with Bermuda grass, and the combination of the two makes a splendid all-the-year-round pasturage. When sown on Bermuda grass sod, the sod must be scarified to give the Clover a chance to get its roots in the soil below the layer of Bermuda roots. It is also desirable to scarify it in this way each fall for the best results. This scarifying is also beneficial to the Bermuda grass. This seed is very hard to thresh out from the burrs. It is very much more satisfactory to sow the re-cleaned or hulled seed than the seed in the burr. Sow 10 to 12 pounds per acre of hulled seed and 25 to 30 pounds in the burr. Price re-cleaned or hulled, lb., 30c, by mail; by express or freight, 10 lbs., \$2.00; 100 lbs., \$17.50. Price, in the burr, lb., 25c; 10 lbs., \$1.25; 100 lbs., \$10.00.

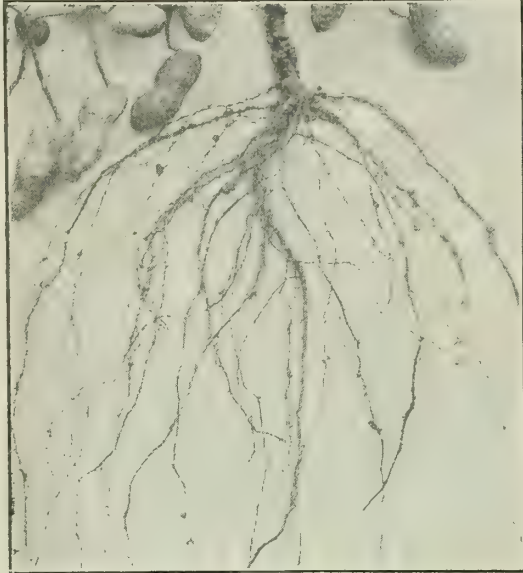
Inoculation of Alfalfa and Clover is absolutely necessary; it means stronger growth and better yield.



Red Clover

FORAGE AND HAY PLANTS—Continued.

TRADE

FARMOGERM MARK

Nitrogen Sacks on Roots of Peanuts
Value of \$15 to \$25 Per Acre as a Fertilizer and Soil Builder

Every acre of tillable land in the South can be made very rich and highly productive by the growing of inoculated legumes and proper cultivation, with occasional application of potash, lime and acid; which are very cheap. You should begin this year to plant inoculated clovers, alfalfa, cowpeas or soy beans. Any of these legumes will give you big yields and will soon double the value of your land.

FARMOGERM SEED INOCULATION.

Farmogerm Seed Inoculation will enable you to accomplish these results. The preparation comes put up in bottles ready for use. It is highly endorsed throughout this and other countries and we strongly recommend it to our customers.

FOR

**CLOVER, ALFALFA, COWPEAS, SOY BEANS, VETCH, PEANUTS,
VELVET BEANS, PEAS AND BEANS.**

5-Acre Size, \$9.00

1-Acre Size, \$2.00

Garden Size, 50c.

VETCHES

Vetches

HAIRY, SAND (*Vicia villosa*.) Hairy **VETCH** or Winter Vetches are increasing in popularity wherever they are grown, and are proving to be one of the most valuable crops for fall planting. Make one of the largest yielding and most nutritious Hay crops grown. Also makes a most valuable soil improving crop. Rivaling Cow Peas in its nitrogen gathering properties. Should be sown from July to January, broadcast, at the rate of thirty to forty pounds per acre, with three-quarters bushel of winter oats or one-half bushel of wheat. The oats or wheat support the Vetches, enabling them to make a better growth, and facilitating the harvesting

and curing. Vetches are excellent for hay, which should be cut as soon as the oats or wheat which was sown with them begins to form heads. The hay is one of the richest and most nutritious feeds for cows, increasing the flow and quality of milk. The seed of Hairy Vetch has a hard shell like Okra, but is darker in color, round and not so large. When the plant makes its appearance above ground it resembles somewhat an English Pea, only the foliage is finer and makes considerably more vine. Vetch will afford bountiful winter grazing for all classes of stock. Pound, postpaid, 35c. By express or freight, 20 lbs., \$3.50; 100 lbs., \$15.00.

OREGON, OR SPRING VETCH (*Vicia Sativa*.) Much like the preceding in growth and habit, and used for the same purposes. The seed of Spring Vetches is much larger than the Hairy Vetch, not so round, being more flat and a lighter shade of color. This type of Vetch is not as hardy and resistant to cold weather, but if sown early in the spring either by themselves or in connection with grains, grasses or clovers, will produce a splendid crop of hay. It is used in certain sections of the South, where the winters are mild, in preference to *Vicia Villosa*. The general directions given for Hairy Vetch apply to this sort also. Pound, postpaid, 35c. By freight or express, 20 lbs., \$3.00; 100 lbs., \$12.00.

FOR QUANTITIES OF SEEDS, ETC., REQUIRED PER ACRE, SEE INSIDE BACK COVER

FORAGE AND HAY PLANTS—Continued.

OTHER CLOVERS



Crimson Clover

WHITE DUTCH CLOVER (*Trifolium Repens*.) A dwarf, low growing sort of great value for pasture; succeeds best on rather moist location and in wet seasons, but will resist drouth admirably. All stock fattens on it. Valuable also as a plant for bees and as a green food for poultry. Sown with Kentucky Blue and English Rye Grass it makes an excellent lawn. Does not like a shallow soil. Sow 5 to 8 lbs. to the acre. Lb., 50c, postpaid; by express or freight, 40c lb.

CRIMSON (*Trifolium Incarnatum*.) Should be sown in the fall at the rate of fifteen to twenty pounds per acre. It will make the earliest green feed of any of the Clovers. This annual variety is an immense yielder of fodder; commences to grow right after cutting, and continues to do so until frost. Roots are nearly black; blossoms long and of deep carmine color. The plants grow about 4 feet high and furnish four to five cuttings during the season. The hay is of excellent quality. Crimson Clover is also a great soil improver and may be turned under in time for other early spring crops. By express or freight, lb., 25c; 20 lbs., \$4.00; 100 lbs., \$16.75. Pound, 30c, postpaid.

ALSIKE, OR SWEDISH (*Trifolium Hybridum*.) **PERHYBRID** fectly hardy, drouth-resisting Clover. Produces large hay crops, is excellent for soiling. This variety is perennial and not winter kill. A great favorite with bee-keepers, as its flowers have a sweet and agreeable odor and affords excellent forage for bees. Especially good on low-lying, wet lands. Sow in the spring or fall, five to six pounds per acre. Lb., 40c, postpaid; by express or freight, lb., 30c; 20 lbs., \$5.00; 100 lbs., \$22.50.

RED CLOVER (*Trifolium Pratense*.) A biennial plant which many prefer. Has merit as a cattle food and makes good hay, is a rapid grower, and considered a valuable fertilizer. Yields 2 to 3 cuttings per year. First crop makes rich feed and is the most valuable for hay. Should be used as a rotation crop. Roots deeply and resists drouth. Sow sixteen to twenty pounds to the acre in the fall. Postpaid, 30c per lb.; not prepaid, 5 lbs. for \$1.00.

BOKHARA, OR SWEET CLOVER (*Melilotus Alba*.) Will grow on any soil and is invaluable for bee food. Whoever keeps bees should put in some of this Clover for it is greatly relished by them and makes superior honey; of great value as a fertilizer. Sweet Clover will furnish the soil with bacteria and will make sandy soil fertile. Sow 10 to 12 pounds per acre. Lb., 35c, postpaid.

JAPAN CLOVER (*Lespedeza Striata*.) The greatest blessing that could come to the South. A legume, Southern seed. Grows anywhere; is tenacious in any soil; lasts always; well known now in the South. Sow in the spring in permanent pastures by scarifying surface with disc harrow. It may be classed among the most valuable hay and pasture plants of the Southern States; is eaten greedily by stock from June until frost. In some soils it grows 20 inches high; is mowed; two tons to acre, rich soil grows 30 inches; appears in May; can plant in spring 25 pounds or one bushel per acre alone, or fall with Rye and Oats. This Clover is spreading by natural means rapidly through the whole South. *Lespedeza* is as important to the Southern farmer as Crimson Clover to the farmer in the North. Introduced here several years ago, it has proven one of the best hay and forage crops. Particularly adapted to the soil and climate of our Gulf Coast country. Best time of sowing is from December until end of April. The best time for harvesting for hay only is just when the Clover is in bloom, but for hay and seed bow, just when the seeds are about full grown. This Clover will bloom about August 15th to October 1st. It will mature much earlier on poor soil than in rich and produce more seed on thin soil. The hay at all times should be cut either early enough to



Alsike, or Swedish Clover.

Red Clover.

White Dutch Clover.

Scarlet Clover.

put on a second growth in the fall to make seed or not cut until the seed is ripe. Also can the fields be grazed as late as the 1st or middle of July and a good crop made, but stock should not be allowed to run on the fields during wet weather. Perfectly hardy. Price, lb., 30c, postpaid. Per bushel (25 lbs.), \$4.00.

SACCHARINE SORGHUMS

(Commonly called Sorghum Cane.)

SORGHUM (*Sorghum Vulgare*.) For stock feed sow any time from March to August, about two bushels to the acre if wanted for hay; or half peck if wanted to make syrup. Of the two varieties, Amber and Orange, we do not care to recommend either. One intelligent grower requires Amber, another equally as intelligent, insists on Orange, while a third takes his mixed. Practically there is no difference, but to meet the wants of our friends we carry both.

TEXAS SEEDED (Sometimes called Goose-neck Cane.) **RIBBON CANE** The superiority of this Cane over Sorghum is so great that when once grown a man never returns to the use of any other Cane. The grade of molasses made from it is much superior to that made from Sorghum, as every one knows who has used Ribbon Cane Syrup. Another good feature of this Cane is the great yield it makes. The stalks grow from 12 to 14

FORAGE AND HAY PLANTS—Continued.

SACCHARINE SORGHUMS—Continued.

feet high. Cut with the foliage on and run through the mill, it makes the finest kind of silage for cattle and horses. It matures two months earlier than any other Ribbon Cane, being ready to grind the latter part of August, while other Ribbon Cane does not mature before October. It will grow anywhere Sorghum will grow. In planting, prepare ground, plant and cultivate as for Sorghum. Plant in rows $3\frac{1}{2}$ feet apart. Six to eight pounds of seed will plant one acre, if planted by hand; eight to ten pounds if planter is used. Lb., 30c, postpaid. By freight or express, lb., 20c; 10 lbs., \$1.00.

EARLY AMBER The early Amber Sorghum is characterized by rather slender stalks and comparatively narrow leaves. The seed heads, or panicles, are black in general color and vary considerably in shape and size. In general they are rather loose and open and typically pyramidal or cone-shaped, with the slender branches spreading and the lower one drooping as the seed becomes ripe. The reddish yellow seeds are nearly concealed by the shining black chaff. More popular than ever for forage. Relished in its green state or cured, by all stock, on account of sweetness of the stalk and leaves. It can be cut several times during the season if not allowed to get too high and makes good, sweet hay. As high as 8 to 10 tons of green fodder can be grown per acre. One-quarter bushel per acre if drilled; broadcast, one bushel. By freight or express, 10 lbs., 40c; bu., \$1.65.

ORANGE CANE The Orange Sorghum differs from the Amber variety in having larger and heavier stalks and larger and more abundant leaves. The seed heads also are heavier and much more compact than the Amber; being commonly about 3 inches wide and 5 to 7 inches long. The seed head is oblong and rather loose. Equally as valuable as the Amber for forage, but on account of 2 to 3 weeks longer growth it is considered better for syrup making. Culture same as Amber. By express or freight, 10 lbs., 40c; bu., \$1.65.

RED TOP (Sumac or African.) It is a stout, stocky variety with an abundance of large, broad leaves. The seed heads are stout, thick, cylindrical and erect, 6 to 9 inches long, blunt and somewhat spreading. The seed is the smallest of any of the varieties grown, of brownish red color. It is a medium early variety, very sweet and largely used for both hay and syrup. Grows from 7 to 10 feet high, requiring from 90 to 120 days to mature. By express or freight, 10 lbs., 40c; bu., \$1.65.

Non-Saccharine Sorghums

YELLOW MILO MAIZE Growth is tall, 9 to 12 feet, stooling from the ground, it sends out shoots also from the joints. Seed heads grow to great size, sometimes a pound after ripening. On account of its branching habit this grain should be planted in rows 4 to 5 feet apart and 2 to 3 feet in the drill, or two plants in a hill, 3 to 5 feet apart. An immense producer of fodder of the best quality, and furnishes a grain crop almost equal in feeding value as corn. Is one of the surest crops to raise on dry ground. This is a splendid non-saccharine Sorghum feed crop and two crops can be made in one year. 10 lbs., 40c; bu., \$1.50.



Amber Sorghum

WHITE KAFFIR

CORN It grows 4 to 5 feet high, making a straight, upright growth. It has a strong stem with enormous wide leaves. The stalks keep green and are brittle, making excellent fodder, green or dried, which is highly relished by cattle and horses. The heads form at the head of each stalk, and as soon as these show the grains well, the joints next below the tops send up shoots which yield the second seed heads. The most popular on account of being larger and cheaper.



White Kaffir Corn

For the grain sow in rows 3 feet apart, 3 to 5 pounds to the acre. For fodder sow one-half to one bushel, either broadcast or in drills. Express or freight, 10 lbs., 40c; bu., \$1.50.

RED KAFFIR CORN This grows taller than the white; the stalks are more slender, but more juicy and very leafy. The heads are long, slender, compact and grow erect, they measure from 1 to 2 feet. The seed is red, smaller than the white and rather hard. It does well on rather poor soil and yields well. It ripens a little earlier than the white and yields better. Express or freight, 10 lbs., 45c; bu., \$2.00.

DHOURO, OR EGYPTIAN This is a well known cereal. **CORN** It produces a large quantity of seed, of which fowls and animals are fond. Can be sown broadcast for soiling, or in drills for fodder and seed. If sown in drills one peck of seed per acre is ample. If sown broadcast, one bushel per acre. For grain, the stalks should not be nearer than 10 inches in the drill, but if to be cut repeatedly for soiling, it is better to sow quite thickly in the hills. Seed should not be sown too early, and covered from one-half to one inch. If too much rain in the spring the seed will not come well; they require more heat than the other Sorghums. Grain same size and shape, but of brown color instead of white, as the Jerusalem Corn. By mail, 1 lb., 20c. By express or freight, peck, 60c.

JERUSALEM CORN It is pronounced the best and surest grain crop for dry countries and seasons, even better than Kaffir Corn, Dhouro and Milo Maize. It grows about five feet high, makes one large head on main stalk and several smaller heads on side shoots. Have seen as high as eight heads on one plant. The grains are pure white and nearly flat. Three pounds will plant one acre. By mail, 1 lb., 20c; by express, 10 lbs., 60c.

FORAGE AND HAY PLANTS—Continued.

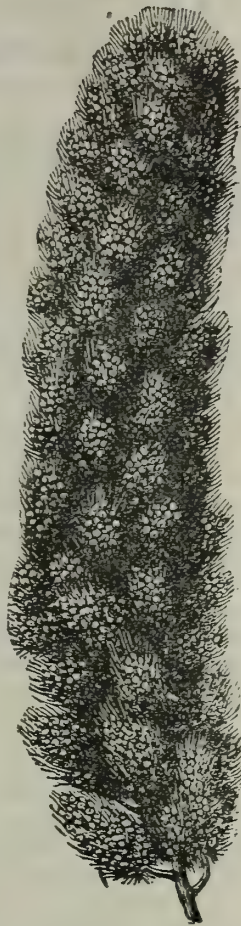
MILLETS

GERMAN MILLET (Large Headed or Golden.) Our stock of seed of German Millet is grown for us by practical growers. Being a quick grower, affords a fine quality of hay in a short time. The best time to plant Millet is from March to August. Truck growers will find German Millet a valuable crop to follow Cabbage, Potatoes and other truck crops. The soil should be thoroughly broken and made smooth with a harrow. Broadcast from $1\frac{1}{2}$ to 2 bushels to an acre, then cover with a harrow. It should be cut for hay when it begins to show the heads, and on good soil and favorable seasons should give a yield of three to five tons per acre. Price of seed: Peck, 55c; bushel (50 lbs.), \$1.90. Write for prices in quantity. Mention quantity wanted. By mail, postpaid, lb., 20c.

PEARL, OR CATTAIL MILLET (*Pencillaria Zeaoides*, Wonderful Forage Plant, etc.) This plant has broad foliage, resembling Corn leaves; is an annual, and the great value of this wonderful plant is not fully realized by the Southern farmer, as it will be in the future. It is best sown in drills at the rate of five pounds to the acre; if sown broadcast 20 to 30 pounds to an acre is enough. It can be sown from April to August. In good or enriched soil it will yield enormously. Makes a splendid continuous cutting forage plant for either green feed or hay. This most nutritious and valuable plant will grow from ten to twelve feet high, but cutting can commence after attaining a height of three to four feet, when it will stool out enormously and make a rapid growth and can be cut this way three or four times a season. When grown for seed, plants should stand 2 feet apart in the row, and rows 3 feet apart. It will average 40 stalks to each plant. No plant will do more toward solving the hay and forage problem of the South than Pearl Millet. Price of seed: Not prepaid, 1 lb., 20c; 5 to 10 lbs., 12c per lb.; 20 to 30 lbs., 10c per lb. By mail, postpaid, lb., 30c. Write for prices in larger quantities.

JAPANESE OR BARNYARD MILLET (*Panicum Crus-galli*.) This is a distinct variety, which has been sometimes called the "Billion Dollar Grass." It is a forage plant of great value, growing luxuriantly on most any soil and under indifferent conditions. Will yield an enormous crop of forage, which is relished by all classes of stock. Will grow from four to six feet tall, stools like wheat or oats, and three crops of hay can be cut from one seeding. It is an excellent plant for sowing with Cow Peas for hay. Sow seed from April to August. If broadcast, one-half to one bushel to an acre; in drills, one-half this amount. By express or freight. Price: lb., 10c; pk., 75c; bu., \$2.75. If by mail, postpaid, 1 lb., 20c.

HOG OR BROOM CORN MILLET (*Panicum Miliaceum*.) Also called Manitoba, is grown for the same purpose for which other Millets are sown, but makes inferior hay, unless cut when very young. It, however, yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening stock. It also makes a very fine feed for poultry. Seed is yellowish white in color. It will mature in about two months from sowing the seed. $\frac{1}{4}$ -bu., 60c; 1 bu., \$2.25.



Large German Millet

HUNGARIAN MILLET This Millet makes a valuable crop on rich soil, especially on low lands. It is considered very nutritious. It is important in buying Millet, as well as other seeds, to get the true seed. Sow from the latter part of April to the end of July at the rate of one bushel to the acre. Price: $\frac{1}{4}$ -bu., ; 1 bu.,

EGYPTIAN WHEAT, OR SHALLU A valuable new grain entirely different from wheat. Belonging to the Sorghum family, it should be planted and treated as same, either for grain or for hay. Sown broadcast it yields from 4 to 8 tons to the acre. In drills it produces 50 to 80 bushels of grain per acre. The grain is white inside and has a light hull. The heads are large and heavy, the grains hanging on one side. All stock like and do well on it. Makes hens lay better than any poultry food. The plants grow from 5 to 7 feet tall and produce more fodder, even better than Cane. Will stand more wet or dry weather than Maize or Cane. Plant in hills 3 feet apart, using 10 pounds of seed per acre, or broadcast using $1\frac{1}{2}$ to 2 bushels. We can highly recommend it as it is one of the most productive grains ever grown. As said before, it is one of the many forms of Sorghum, but has a more slender stem, more leaves, and seeds more heavily than the ordinary sorts and so makes a better forage. The seed contains 80 per cent of the feeding value of corn. If it is to be used for fodder purposes it may be cut about three times per year, yielding in the three cuttings from seven to eight tons per acre. By express or freight, not prepaid, lb., 10c; 20 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.00. Pound, postpaid, 20c.

RAPE--True Dwarf Essex

(*Brassica Napus*.)

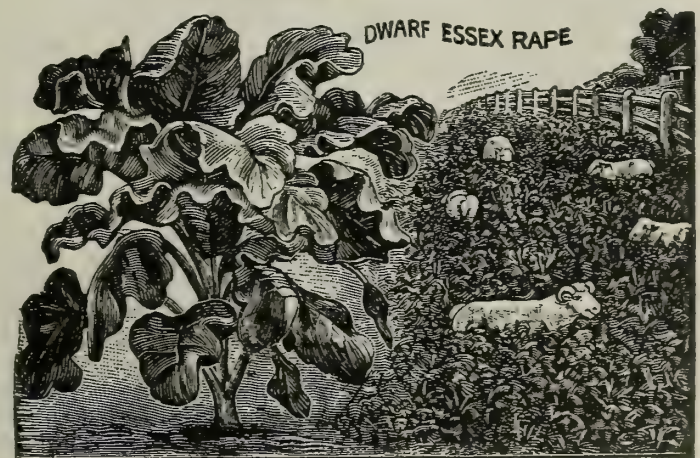
For its best development Rape requires a rich, moist, loamy soil, and will usually do well on any but light sandy soil or stiff clay; in general, a soil that will produce a good crop of Turnip, Cabbage, Wheat or Corn will be suitable for Rape.

Often fine Rape may be grown on land that has already produced a crop of some of the early maturing cereals, such as Rye, Oats or Barley. As soon as the crop of grain is removed the land is plowed or disced and at once seeded to Rape.

Rape may also be sown in the Corn field just before the last plowing, as is often done with Turnips, Rye and Wheat.

The seed of Rape in appearance is just like an ordinary Turnip seed, and it might be said that they may be planted in the same manner as Turnips and in any month in the year in which Turnips may be sown.

If the soil is clean sow broadcast; if not clean sow in drills and cultivate as for Corn. When sown broadcast, use 8 pounds, and if in drills, 5 pounds to an acre. Prices, 25c per lb., postpaid; by express or freight, 15c lb.; 20 lbs., \$3.00; 50 lbs., \$6.25; 100 lbs., \$10.00.



FORAGE AND HAY PLANTS—Continued.

GIANT BEGGAR WEED

A forage plant much used and greatly esteemed in Florida and the Gulf States. It restores worn-out ground, and when once planted re-seeds itself, requires no cultivation; is liked by all animals; is easily eradicated. Where grown thickly it makes finest quality of nutritious hay, sweet and tender. For hay, cut when it comes into bloom. A second growth then springs up which produces seed, thus seeding the ground for the next year. Its growth is immense, attaining a height of seven feet, densely covered with leaves, yields both hay and pasturage abundantly. It is an annual plant coming from seed each year. Should be sown when the soil is warm as late as the middle of June; if in drills, three feet apart, three to four pounds per acre; or broadcast, ten to twelve pounds per acre, covering one to two inches. Price, , postpaid; by express,

SPANISH PEANUTS

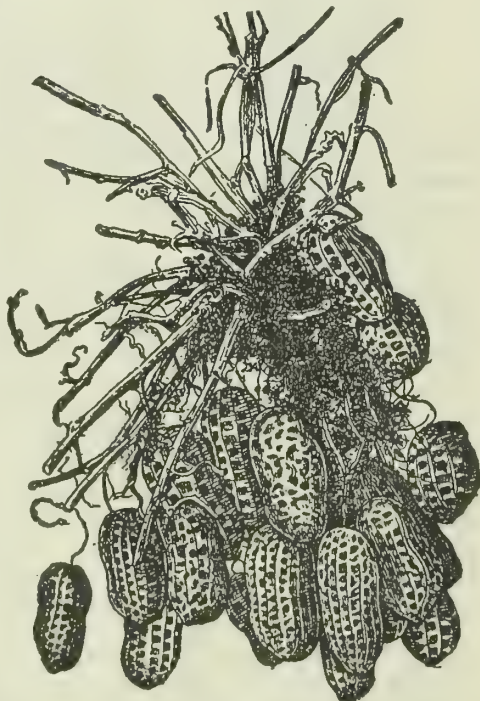
Prepare the ground well, laying it off with a shovel plow, in rows $3\frac{1}{2}$ feet apart. Plant either in the hull, 16 to 18 inches apart, or hull them out and put two kernels to the hill. Cultivate thoroughly and keep the land as level as possible. When they mature, pull them up, turning the roots to the sun. In bright weather they will be cured sufficiently in twenty-four hours. After threshing, or picking the nuts, the vines make excellent hay. A successful grower says: Peanuts thrive best in a sandy, loamy soil.

SPANISH PEANUTS

An old and prolific variety, used for hog feed, though really more palatable than either the Tennessee or Virginia Reds. The fruit is small and easily gathered. Twenty-two pounds to the bushel. Sow about $1\frac{1}{2}$ bushels to the acre.

By express or freight, peck, 40c; bu., \$1.50.

WHITE VIR- This is the original peanut or pindar, as it is sometimes called. It is considered the best variety for growing South. Produces pods or shells from $1\frac{1}{2}$ to $2\frac{1}{2}$ inches in length, containing from 2 to 3 peas to a pod. Very productive and fine for roasting. 22 pounds to the bushel. Plant $\frac{3}{4}$ bushel to the acre. By express or freight, peck, 55c; bu., \$2.00.



Spanish Peanuts

RYE

This crop is used and sown during fall months all over the South as fall and winter pasturage, early green food and for green manuring. Rye is very hardy. While it does not add nitrogen to the soil as leguminous crops, it makes a good deal of humus and thus improves the texture of worn-out soils. It is likely better success will be had if planted between say first of September and last of November. One and a half bushels to the acre would be about right, and would make an excellent pasture from December to April. Price, peck, 45c.

AUSTRALIAN SALT BUSH

ATRIPLEX SEMIBACCATUM

THE FORAGE PLANT FOR ARID AND ALKALI SOILS.

A forage plant for alkali soils, and for regions subject to periodic drouth. This is a most wonderful forage plant, as it will grow freely in arid and alkali lands that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. From twenty to thirty tons of green fodder have been harvested from an acre, but about three-quarters of this is lost when dried. Plant in the early spring about eight feet apart. One pound will sow an acre. \$1.50 per pound, postpaid.

CHUFAS, or Earth Almonds

The Chufa is a species of ground-nut growing near the surface and easily reached. The plant resembles some green forage grass and produces a delicious small nut resembling the almond and is very rich in food-producing matter. In some sections they are largely used for hog pasture and are considered a very economical crop for hogs, as they can do the harvesting and are very fattening. Plant from middle of March until to the first of June in rows three feet apart, dropping three to four seeds about one foot apart. Cover about two inches. One to one and a half pecks will plant an acre. The Chufa is the best root crop that can be grown for hogs on soils too thin for artichokes, but is not suited to heavy soils. The plants shade the ground but little, and need cultivating the entire summer. Yield 100 bushels per acre. The roots may remain in the ground through the winter, and be harvested when wanted. Price of seed, qt., 20c; pk., \$1.50. By mail, postpaid, qt., 40c.

BROOM CORN

CULTURE: Broom Corn should be planted later than Field Corn, in soil in prime condition; plant in drills three feet apart and six inches in the drill. About eight quarts should plant an acre.

IMPROVED EVERGREEN The standard variety. Grows about 10 feet high and produces a fine, straight brush of good length. Stands up well and is entirely free from crooked brush. The fibre is long and fine. You will find this a good, profitable crop to try, especially in diversifying same, as there is an unlimited demand for good brush. It does not turn red in the field but retains its green color. Qt., postpaid, 25c; by express or freight, peck, 75c.

CALIFORNIA GOLDEN DWARF The best of the dwarf varieties and remarkably free from the demerits of the other members of this section.

Quart, postpaid, 30c; peck, 75c.

FLAX

When grown for seed sow one bushel per acre; if fibre is wanted, sow at the rate of two or three bushels. The soil should be well cultivated. Lb., 25c, postpaid; pk., \$1.00.

SUN FLOWER

LARGE RUSSIAN Single heads measure 15 inches across and contain an immense amount of seeds which are highly prized by poultry raisers. Every farmer should plant some of the seed in any waste piece of ground. It produces from 20 to 50 bushels of seed per acre. Four to five pounds of seed plant one acre. 1 lb., 15c (by mail 25c per lb.); 5 lbs. for 50c. Not prepaid

FORAGE AND HAY PLANTS—Continued.

BERMUDA GRASS

CYNODON DACTYLON

Bermuda Grass is to the South what Kentucky Blue Grass is to the North and is the best hay and pasture grass for all soils which are not too wet and is the most common grass in all parts of the Gulf States. Its leaves and fine creeping stems lie so close to the ground that it makes an excellent lawn grass. It is never injured by protracted drouth and is unhurt by the most frequent grazing and cuttings. Its roots are so strong and wiry that it is the best of soil-binders and is used extensively for protecting levees, and railroad companies use thousands of pounds annually for seeding embankments. As a hay grass it is unexcelled and in favorable season will give two cuttings and yield not less than two tons of hay per acre. The ground should be very carefully prepared and harrowed as fine as possible. Seed may be sown from September to March at the rate of about 3 pounds per acre and covered with a roller, though if sown just before a rain no covering will be needed. As the seed are small they must not be covered deeply, or they will fail to germinate. Seed will not germinate when ground is cold, and under favorable conditions requires 20 to 30 days to germinate.

Prices, postpaid, ¼-lb., 40c; 1 lb., \$1.40.

SEED OATS

Prices of Oats are continually fluctuating. Write for prices, or if orders are intrusted to us we will always give lowest prices on the day shipment is made.

TEXAS RED RUST PROOF Standard weight 32 pounds to the bushel. There is no better Oats than the Red Rust Proof, provided the seed are grown in Texas. It is probably not untrue to say that more than 75 per cent of the Oats sold as Texas Rust Proof never grew in this State. Farmers should become posted and be more careful in purchasing their Seed Oats. The Texas Oats is a heavy berry, nearly every one having a distinct beard. The color varies owing to the season. This type of Oats should be planted on strong soil, which should be broken deeply. Our Texas Red Rust Proof Oats has been carefully selected from the best stock obtainable and bred from the most vigorous and largest plants. We have been handling this famous variety for a great number of years and has given immense satisfaction wherever grown. These Oats are as pure and uniform in color, quality, time of ripening and stooling qualities as any Oats that can be had. It is the best known variety for Southern planting. It frequently yields 100 bushels per acre and we have known of more prolific yields. Sown in the fall, makes splendid winter pasture which does not prevent its making full crop in the spring. Nearly always stands our Texas winters, and it is said that even half stand of fall sown yields more than a full crop of spring sown. For fall planting sow 2½ to 3 bushels per acre in September to December. For spring planting sow two bushels per acre. By express or freight, bu., 75c.

WINTER TURF This variety comes from Tennessee and has proven most valuable for winter grazing besides maturing full crops of 50 to 75 bushels in the spring. It stools out to such an extent that 2 to 2½ bushels is sufficient per acre. They are grayish white in color. This variety has stood the heavy freezing of our late winters. By express or freight, bu., \$1.40.

SEED WHEAT

NICARAGUA A Wheat that will grow where other varieties fail. This variety is no longer an experiment for yield or quality of grain. In fact, we hear nothing but praise of its wonderful drouth-resisting qualities and heavy yield. The reports of yield are from 28 bushels

to 45 bu. per acre, and is especially adapted to our Southern climate and is much sought after. Price, peck, 40c; bu., \$1.75.



Emmer

MACARONI The Wheat for dry farming; it leads all others as it not only resists extremes of weather, but will mature a good crop where other kinds fail entirely. It grows very rapidly and strong and does well on poor ground. The grain is very hard, glossy and large. Heads are compactly formed and bearded and is so hardy as to be almost smut and rust-proof. Unequalled for feeding. It is a very heavy yielding variety and does especially well in our Southern States. It seems to be always a sure crop and will mature in a shorter season than any other variety. Peck, 45c; bu., \$1.75.

MEDITERRANEAN A superior long berry variety that has yielded well and given the best results wherever sown. It makes one of the best milling Wickets in existence and millers always pay highest prices for it. It stands up well and stands changes of weather better than almost any other kind. We really recommend this variety to our customers. We are sure all farmers who are fortunate enough to secure some of this seed will be highly pleased with the result, as the originator has for fourteen years past made from twenty to forty bushels per acre, wet or dry. Price, peck, 45c; bu., \$1.75.

EMMER

TRITICUM DICOCCUM

Emmer, the valuable new grain from Russia. INCORRECTLY CALLED SPELTZ, is a species of Wheat. The plants of this species are hollow, leaves sometimes rather broad and usually velvety, hairy, heads almost always bearded, very compact, and much flattened on the two rowed sides. Emmer is quite hardy, resists drouth and attacks of leaf rust to a great degree. It yields from 4 to 6 tons of straw. Stock will eat it eagerly and flourish. The preparation of the land and seeding which should be done only with the drill, are practically the same as required for Rye and Wheat. It is advisable to sow early, using at the same rate per acre as for Oats.

Price, pk., 50c; bu., \$1.75.

SEED BARLEY

MANCHURIA An early 6-rowed variety, maturing in 80 to 90 days from time of sowing, very strong-strawed and stools well, bearing large, well-filled heads of beautiful, plump-berried grain, possessing malting qualities of a high order, and adapting itself readily to a wonderful variety of soils. Peck., 40c; bu., \$1.50.

BEARDLESS A remarkably heavy cropping Barley. Equal in feeding quality to any of the bearded sorts. It is earlier than the bearded sorts, better for feeding and easier to handle. Peck, 50c; bu., \$1.75.

WHITE HULLESS BARLEY No beards or hulls. The grain looks like Wheat. Equal to Wheat in feeding value, and will yield nearly twice as much. It succeeds in all Barley growing regions; is very early, entirely beardless with soft straw, splendid for feed. Sow about 1½ bushels to the acre. Strong straw carries well-filled heads or with plump hullless kernels. Berries are of oval shape, plump, white and handsome. Lb., 25c; 3 lbs., 60c, postpaid; express or freight, peck, \$1.00; bu. (48 lbs.), \$3.00.

FORAGE AND HAY PLANTS—Continued.

BUCKWHEAT

Buckwheat is used principally in this section of the country as food for bees, and for that purpose the Silver Hull is the best, owing to its being so exceedingly floriferous.

CULTURE: Sow broadcast, about three pecks to the acre, in either the early spring or fall.

SILVER HULL A great improvement over the original, old sort, yielding nearly double the quantity per acre, blooming longer and maturing sooner. The grains are of a beautiful light gray color, have thin husks and less prominent corners than those of the other sort. This flour is of good quality and very nutritious. Lb., 30c, postpaid; by freight or express, pk., 85c; bu. (52 lbs.), \$3.00.

JAPANESE Has been raised in this State with good results. It is early and very productive. The rich, dark brown kernels are twice the size of those of Silver Hull and yield a superior flour. The plants are of branching character and the stiff straw stands up well. 1 lb., 25c, postpaid; by freight or express, pk., 75c; bu. (48 lbs.), \$2.75.



RE-CLEANED GRASS SEEDS

MARKET FLUCTUATES. WRITE FOR PRICES IN QUANTITIES

**BROMUS INERMIS,** (or AWNLESS BROME GRASS.)

A tall, 30 to 40 inches high, growing and subterraneously creeping grass. It flowers about June and produces an abundance of stalks and foliage. Should be cut before it goes to bloom as it tends to be hard after this period of time. An exceedingly valuable grass, succeeds and produces immense crops of high nutritive value on the sterile and arid plains of our West-

ern States, growing luxuriantly on dry, sandy soils, where the other grasses would perish. It is perennial, and once sown down will stand for 10 years.

Sow broadcast at the rate of 20 pounds per acre (14 lbs. per bushel). Per lb., 25c, postpaid.

TIMOTHY One of the most universally known and cultivated grasses, growing from 25 to 40 inches high and is found on nearly all sorts of soil. It grows in even tufts and produces a fair quality of both stalks and foliage of average nutritive value. It is best to be used as fodder in green state, as it tends to get hard, even if cut before it is in bloom. Is greatly relished by all kinds of stock; yields more nutritive matter than any other forage plant or grass. Being an early grass it is well adapted to spring and summer grazing and if the fall season is favorable it will grow sufficiently to furnish good fall grazing, too. Sow 10 to 12 pounds to the acre. Lb., 25c, postpaid.

PERENNIAL ENGLISH RYE (*Lolium Perenne*.)

A low-growing grass of little value for meadows, but very desirable for pastures and lawns. Like Kentucky Blue Grass, it forms a dense, even sod and grows so quickly that by its use a fine lawn may be had in six weeks from sowing. It makes a quicker, leafier growth than any other grass, succeeds in the shade as well as in the open and may be sown with good results in orchards. Much used for fall and spring planting. For pasture use in fall or spring 25 to 30 lbs. to the acre. For lawns 60 to 70 lbs. to the acre. Lb., 30c, postpaid.

**FANCY RED TOP** (*Agrostis Vulgaris*.)

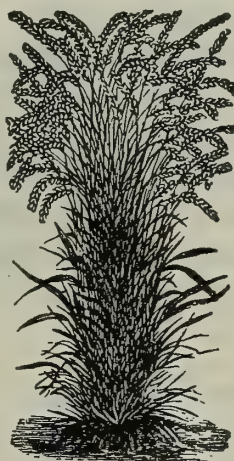
Is proving one of the best and most satisfactory grasses throughout the South. We believe it is really one of the most valuable of all grasses for the South. Can be sown either in spring or fall at an average of from 8 to 10 pounds per acre. A valuable grass for moist soils. It is a good permanent grass, standing our climate as well as any other and consequently adapted to our pastures, in which it should be fed close, for if allowed to group up to seed, the cattle refuse it. On moist, rich soil, it will grow 2 feet, and on poor gravelly soil, about half that height. Lb., 30c, postpaid.

RE-CLEANED GRASS SEEDS--Continued

MEADOW FESCUE, (*Festuca Pratensis*.) One of the **OR ENGLISH BLUE GRASS** best grasses for permanent pastures. It grows in even tufts of from 35 to 40 inches high, matures early and yields an abundance of fodder of great nutritive value. Does not do very well on light soils. Makes good hay, and cattle thrive on it, whether in dry or green state. As the roots penetrate deeply from 12 to 15 inches it takes extremely dry weather to affect it. Lb., 25c, postpaid.

KENTUCKY BLUE GRASS (*Poa Pratensis*.) The most valuable pasture grass in existence in sections of the United States where conditions seem to be right for its successful growth, but in the South it is not always a success. The cause of this is not clearly understood, but is usually supposed to be due to deficiency of soluble lime. It is a creeping, 25 to 30 inches high growing grass with tender stalks. It is largely being used as a lawn grass, on lighter soil, for which its creeping, spreading and thickly covered turf-forming capacity makes it well adapted. A great deal of Blue Grass is used for lawns in cities, where it is possible to keep it watered during the dry periods. This grass is used also with success in grass mixtures sown for permanent pastures. Lb., 35c, postpaid.

ORCHARD GRASS (*Dactylis Glomerata*.) This is a tall, 35 to 40 inches high growing, large tufts and deep roots forming grass, with an abundance of rather broad leaves of great agricultural and nutritive value. It is one of the most valuable grasses; will do well in most any climate and soil. The stalk has a tendency of growing rather hard as it matures and this grass should be mown before it goes to bloom. It is quite hardy, does well everywhere and will stand constant cropping better than any other kind. No farmer should be without a small field of Orchard Grass as in many respects it is superior to all other grasses. It stands the drouth well in the shade, does well in wet or poor ground, and is splendid to prevent worn out fields from washing. This grass furnishes excellent pasture three weeks before any other and after close grazing ten days' rest is sufficient for another growth. Cows fed on this will produce more and richer milk than on the blue grass. Lb., 30c, postpaid.



Orchard Grass

TEOSINTE (*Reana Luxurians*.) It is a native of Central America, and is one of the best grasses known to that country. When fully developed it reaches a height of 12 feet, each seed making a plant having from 100 to 120 shoots. It somewhat resembles the Pearl Millet and like it will admit of repeated cuttings during the season. Although perennial it will probably do better if treated as an annual; sowings to be made every season, as any plant of that luxuriance would quickly exhaust the soil if allowed to remain the second year. Plant in drills 3x3 feet apart at the rate of 3 lbs. to the acre. Price, lb., \$1.75.

RESCUE GRASS (*Bromus Unioides*.) This is a valuable grass when sown on a rich but not very heavy soil. It can be pastured during the winter and hay cut or the seed saved in the spring. This is one of the most valuable grasses for winter pasture that can be grown in the South; of remarkable vitality, producing long, strong, vigorous roots. Rescue Grass is sown broadcast from August to November at the rate of 30 pounds to the acre, furnishing an excellent quality of hay. Much relished both as a pasture and hay by all stock. A special feature is that it can be used as a sand and soil binder for ditches and embankments to prevent washing. Plant in the early fall and in the spring. Lb., 30c, postpaid.

JOHNSON GRASS (*Sorghum Halapense*.) Very rich in saccharine matter, makes an excellent hay and produces large, juicy roots which hogs eat eagerly. It belongs to the Sorghum family, perennial in character; is a deep, gross feeder, the roots penetrating very deep in the soil, consequently a great drouth resister. After making its appearance above ground, it is very much like Corn or Cane, grows off rapidly, becoming more spindling, produces a blade like Sorghum, only finer. The hay is easily cured without loss of foliage. Grows on any soil. Sown broadcast at the rate of 40 to 50 pounds per acre. The only objection to this grass is the great difficulty of eradicating it when once it is started. Price, 30c, postpaid.

PARA GRASS A wonderful new Grass, especially adapted for growing in the Coast Country. It is propagated by planting pieces of the stems, about 15 inches long, in any kind of soil, but it thrives particularly well on moist or even marshy land. Plant the cuttings about 4 feet apart each way.

For hay, cut when it is 3 to 4 feet high. Three to four cuttings may be made in one year. The hay is of excellent quality, and is greatly relished by all stock. No difficulty is experienced in curing the hay in this climate. Price of cuttings, 35c per doz., postpaid; by freight or express, not prepaid, \$1.00 per 100; \$7.50 per 1,000.

LAWN GRASS This is a mixture of the best Grasses and Clovers to make a lawn where Bermuda Grass is not wanted. Choice Mixed, lb., 45c, postpaid; by freight or express, lb., 35c; 20 lbs., \$5.00.

COLORADO GRASS (*Panicum Texanum*.) This Grass is a native of Texas and is commonly called as River-Goose-Buffalo or Austin Grass. It is an annual, grows usually from 2 to 4 feet high, and is regarded as especially valuable for hay. It prefers rich, alluvial soil. Stands drouth well. The plant is furnished with an abundance of rather short and broad leaves, and the stems, which are rather weak, are often produced in considerable number. It will thrive best on rich, sandy soil, yielding three tons of hay per acre and may, in favorable seasons, be cut three times. Although being very valuable for hay it is entirely unfit for pasture. Price, 35c, postpaid; by freight or express, lb., 25c; 20 lbs., \$4.50.

PASPALUM DILATATUM (Australian Water Grass.) Has given splendid results in Southern climates. It is an ideal Grass for dairy farmers, as it produces enormous quantities of fresh, green, juicy feed during the hottest weather; it also keeps green during the winter. The seed may be sown at any time during the fall and early spring, generally with a nurse crop. It germinates very slowly, requiring from three to four weeks of warm, moist weather to sprout. Where the climate is too dry to insure proper germination it is advisable to sow the seeds in beds which can be watered. This grass does best in warm countries with abundant rainfall. Lb., 85 cts., postpaid; by freight or express, lb., 75 cts.; 20 lbs., \$13.00; 50 lbs., \$30.50; 100 lbs., \$60.00.

MEADOW FESCUE (*Festuca Pratensis*.) As a pasture grass we consider this one of the most valuable. It grows in even tufts of from 35 to 40 inches. It is not affected by dry weather as its roots penetrate the soil 12 to 15 inches; it is relished by all kinds of stock on account of its long and tender leaves. It yields a very superior hay. Sow in spring or fall, two bushels to the acre. Price, lb., 45c, postpaid.

TALL MEADOW OAT GRASS (*Avena Elatior*.) A valuable grass for both hay and pasture in the South. Starts early in the spring and lasts till late fall. Stands mid-summer heat and drouth. For hay crop it gives two good cuttings per season, the hay being better than Timothy. Sow 2 to 3 bushels per acre in either spring or fall. Bushel price on application. Pound, postpaid, 40 cents. Bushel (11 lbs.), about \$2.50.

Grass and Clover Seed Mixtures

FOR MEADOWS AND PASTURES ON DIFFERENT SORTS OF SOIL

To meet a constant demand by our Farmers and Planters to furnish a formula of mixtures of different varieties of Grass and Clover Seeds for pasturage, that would suit their certain kind of soil, we have given this matter special and careful attention and will now endeavor to give below the following mixtures, which we recommend and which, we believe, will give good results on the various kinds of soils named.

It is a matter of fact that a thicker and more prolonged growth is produced by a mixture of many sorts of grasses that are especially suitable. Some varieties do better on high ground in connection with dry weather, while others prefer plenty of moisture. Some mature early, others again late. However, if some of these mixtures are sown, chances are that the season may turn out to be unfavorable after the seeds are sown, one should not become discouraged but try it again and have success the second time. In the matter of preparing the soil for pastures, it is essential to put the ground in the best condition possible, to get the best result. The soil must be well prepared by means of deep plowing and harrowing until a smooth surface is obtained. After sowing the seed, light cross harrowing will be found of advantage as it has a tendency to scatter the seed more evenly. We strictly recommend fall sowing for best results.

MIXTURE FOR AN ACRE	MEADOW MIXTURE FOR AN ACRE	
No. 1. For lowland or second bottom land.	No. 4. On good land neither too wet nor too dry.	No. 7. On wet land.
4 lbs. Japan Clover.	6 lbs. Red-Top Grass.	10 lbs. Red-Top Grass.
5 lbs. Hulled Burr Clover.	7 lbs. Tall Meadow Oat Grass.	5 lbs. Orchard Grass.
6 lbs. Paspalum Dilatatum.	7 lbs. Orchard Grass.	5 lbs. Meadow Fescue.
4 lbs. Meadow Fescue.	7 lbs. Rye Grass.	8 lbs. Timothy.
6 lbs. Tall Meadow Oat Grass.	3 lbs. Alsike Clover.	2 lbs. Alsike Clover.
5 lbs. Red Top Grass.	—	—
—	30 lbs.	30 lbs.
No. 2. For upland:	No. 5. On wet lowland.	No. 8. Special mixture for Southern or Eastern Texas.
3 lbs. Bermuda Grass.	10 lbs. Red-Top Grass.	7 lbs. Bermuda Grass.
8 lbs. Rescue Grass.	7 lbs. Tall Meadow Oat Grass.	15 lbs. Burr Clover (hulled seeds).
4 lbs. Alsike Clover.	8 lbs. Timothy.	—
4 lbs. Hulled Burr Clover.	3 lbs. Alsike Clover.	22 lbs.
5 lbs. Meadow Fescue Grass.	2 lbs. Meadow Fescue.	
6 lbs. Hungarian Brome Grass.	—	
—	30 lbs.	
30 lbs.	PASTURE MIXTURE FOR AN ACRE	
No. 3. For bottom land.	No. 6. On good land neither too wet nor too dry.	
7 lbs. Rye Grass.	5 lbs. Tall Meadow Oat Grass.	
4 lbs. White Clover.	5 lbs. Red-Top Grass.	
7 lbs. Red-Top Grass.	10 lbs. Orchard Grass.	
5 lbs. Bermuda Grass.	8 lbs. Perennial Rye Grass.	
7 lbs. Tall Meadow Oat Grass.	2 lbs. White Clover.	
—	—	
30 lbs.	30 lbs.	
		LAWN GRASS MIXTURE
		This Mixture is composed of those grasses offered for the purpose of quickly producing a permanent lawn of rich color. It is prepared from our own formula and is best adapted to make a lawn where Bermuda is not wanted.
		Price, lb., 45c, postpaid; 20 lbs., \$5.00, not prepaid.

We also highly recommend Red Top and Timothy Grass for moist lowland; Japan Clover for poor as well as rich land.

For prices of above see description of Grass and Clover on pages 48, 53, 54. When wanted in large quantities write for prices.

HIGH GRADE FERTILIZERS

WE CARRY THE MOST COMPLETE LINE IN TEXAS

There is, perhaps, no question of greater importance to the practical farmer than that of soil fertility. To produce profitable crops and at the same time to maintain and even to increase the productive capacity of the soil may rightly be termed "good farming." Many farmers are able to do this, and the knowledge of how to do it has been largely acquired through years of experience, during which the character of the soil, its adaptability for crops, and the methods of its management and manuring have been made the subjects of careful study. Below we give you a list of fertilizers we handle and the principal crop on which they are used.

VEGETABLE GROWER The best fertilizer for all truck and garden crops. Analysis: 6 per cent available phosphoric acid, 3 per cent ammonia, 5 per cent potash. The ammonia is in such form as will give the crops a quick start and keep them growing. It runs high in potash, a most important plant food for vegetables and phosphoric acid in its most available shape. Apply 400 to 600 pounds to the acre. Price, 100 lbs., \$1.75.

RAW BONE SUPER-PHOSPHATE Analysis: Phosphoric Acid, 9 per cent; Ammonia, 2 per cent; Potash, 2 per cent. This is a splendid fertilizer, especially adapted for Cucumbers, Musk and Water Melons, Pumpkins, Squashes and Tomatoes, and is preferred by many, especially for potatoes, using 600 pounds per acre and 300 pounds for cotton and corn. Price, 100 pounds, \$1.25.

ACID PHOSPHATE Analysis: Phosphoric Acid, 14 per cent. Quite essential to produce healthy growth where demanded. Often applied for corn and to mix with other fertilizers. It is usually applied after a cosphate and the intelligent farmer will soon detect this by the want of vigor in the plant's life. Apply 200 to 300 pounds to the acre. Price, 100 pounds, \$1.00.

RICE SPECIAL Analysis: Phosphoric Acid, 10 per cent; Potash, 2 per cent. Apply 100 to 150 pounds to the acre. Price, 100 pounds, \$1.20.

NITRATE OF SODA This is the cheapest concentrated form of ammonia or nitrogen that can be bought commercially. It is very profitable to use on most any class of crops where quick, vigorous growth is demanded. It is usually applied after a crop is growing, because it is available so quick that it can't be used to profit when seed are planted except on very quick maturing stuff. It is valuable in composts, and especially desirable to hurry on cabbage, onions, lettuce and other vegetables, also to draw up rye and oats. Apply 75 pounds to 100 pounds per acre. Price, per 100 pounds, \$3.75.

SPECIAL OFFER If you order one ton of fertilizer from us, no matter if not all of one kind, we offer it at 5c per 100 pounds less.

For Fertilizer Distributors, see Page 65.

The Fertilizers Listed above are ESPECIALLY MANUFACTURED for us by

The Standard Guano and Chemical Manufacturing Co.

New Orleans, Louisiana

THE ENORMOUS DEMAND FOR THESE FERTILIZERS AND THE SATISFACTION THEY HAVE GIVEN, REALLY COMPELS US TO GIVE THEM THIS ADDITIONAL SPACE

FOR QUANTITIES OF SEEDS, ETC., REQUIRED PER ACRE, SEE INSIDE BACK COVER

STRAWBERRY PUSHER This Fertilizer is especially prepared to make Strawberry growing more profitable and can also be used to advantage on all garden crops. Analysis: 6 per cent Available Phosphoric Acid, 3 per cent Ammonia and 5 per cent Potash. Apply 400 to 500 pounds to the acre. Price, 100 pounds, \$1.75.

GERMAN KAINIT It runs twelve to fifteen per cent of actual potash, and its values are based on its content of potash. The other eighty-five per cent is gypsum, salt, carnalite, etc., and while these salts are not plant foods they do exert more or less influence on crops. Kainit is recommended as an insecticide and germicide; prevents rust in cotton, scab on potatoes and destroys numerous insects in the soil where applied. It is splendid to put in the compost or any formula requiring potash, or it can be used independently from other fertilizer, or in addition, at the rate of two to four hundred pounds to the acre. Price, per 100 pounds, \$1.10.

MURIATE OF POTASH This is an important potash salt, running from fifty to fifty-five per cent actual potash. It is one of the most soluble forms of potash that can be obtained commercially and is more largely used than any other form. It is more largely used for the reason of its concentration. Muriate of Potash is used in compost, and is nearly always the source of potash in all complete fertilizers. It is largely used independently of other fertilizers, or is added to so-called complete fertilizers to bring up the per cent of potash to the desired amount. Potatoes, cabbage, turnips and beets especially need Muriate of Potash. Price, per 100 pounds, \$3.25.

BONE MEAL The cheapest fertilizer on the market when you take into account what you really get for your money. We guarantee it to run 18½ per cent phosphoric acid and not less than 3 per cent ammonia. Bone Meal, however, is slow to dissolve and for this reason is seldom used for vegetables. For fruit trees, shrubbery, etc., it can not be excelled. Price, 100 pounds, \$2.00.

SULPHATE OF POTASH Analysis: Potash, 50 per cent. For oranges and other fruit trees is superior to Muriate of Potash. Price, 100 pounds, \$3.50.

TANKAGE Analysis: Phosphoric Acid, 14.50 per cent; Nitrogen, 5.6 per cent. A packing house refuse consisting of bone, dried blood, etc. Splendid fertilizer, especially for cotton, corn and all vegetables. Being slow to dissolve is a splendid soil invigorator. Price, 100 pounds, \$1.40.

COTTON SEED MEAL We frequently have calls for this for fertilizing purposes. We do not handle it, but when accompanied with order for other fertilizers will be pleased to include this, a nominal charge over the cost will be made to cover cost of drayage, etc.



Planet Jr. Garden Tools

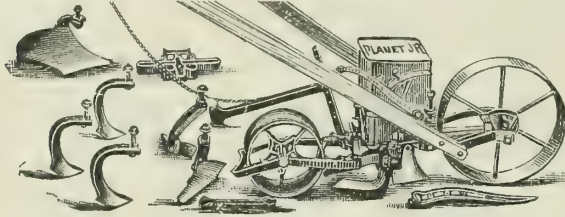


All Planet Jr. tools are of special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil tempered, finely formed, finished and polished and work to a charm.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

Price, Complete, \$11.00. Weight, 53 lbs.

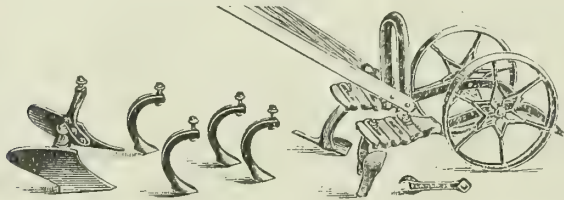
As a Seeder Only, \$9.00. Holds 2½ Quarts of Seed.



This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator, and a rapid and efficient wheel garden plow.

No. 12 Double Wheel Hoe, Cultivator and Plow.

Price, \$7.00. Weight, 34 lbs.



The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for the onion and small sugar beet grower, and also for every grower of garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way. The frame is steel.

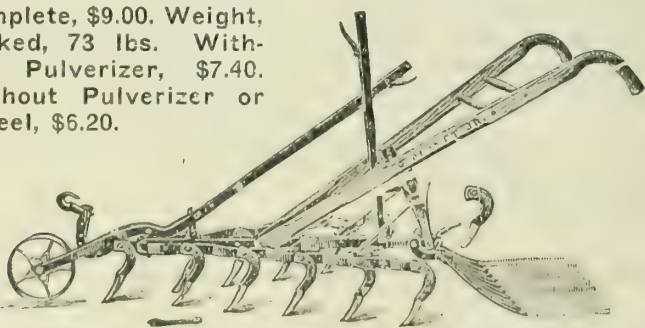
No. 13 Double Wheel Hoe.

Price, \$4.75. Weight, 29 lbs.

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 12 may be added at any time.

Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer.

Complete, \$9.00. Weight, packed, 73 lbs. Without Pulverizer, \$7.40. Without Pulverizer or Wheel, \$6.20.



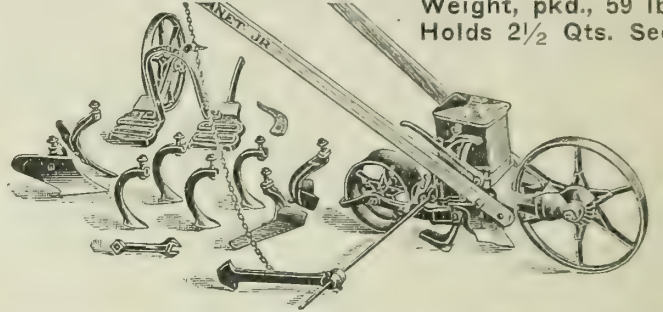
Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

The New "PLANET JR." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it to any address on receipt of 2c in stamps.

No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow.

Steel Frames. Price, \$13.50.

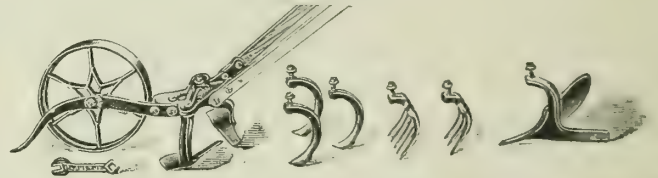
Weight, pkd., 59 lbs. Holds 2½ Qts. Seed



This new combined machine is intended for gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow.

Weight, packed, 25 lbs. Steel Frame.



Nos. 16 and 17 wheels, frames and handles are alike, but the attachments sold with each vary.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

No. 17 Planet Jr. Single Wheel Hoe.

Price, \$5.00. Weight, 23 lbs.

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 8 Planet Jr. Horse Hoe and Cultivator.

Price, \$9.00.

Weight, packed, 83 lbs.



No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and throws back from center again.

POULTRY SUPPLY DEPARTMENT

INCUBATORS, POULTRY REMEDIES, ROUP CURES, EGG STIMULANTS, LICE KILLERS, DISINFECTANTS, ETC.

PRICES GIVEN BELOW DO NOT INCLUDE PRE-PAYING CHARGES EXCEPT WHERE NOTED.

Owing to prevailing high prices of grain and fluctuating markets we cannot hold ourselves to prices quoted below on Poultry Feed but will do so as long as we can.

PURINA SCRATCH (Standard FEED Hen Food.) Directions for Feeding: For every dozen hens, use a slack quart of Scratch Feed in the spring and summer, and a heaping quart in the fall and winter. Bed the pen with four to six inches of straw (litter), scattering the food in thinly, so that the hens will have to work it out. When you can keep your hens scratching, their blood is circulating, and good egg production is bound to follow. 100 lbs., \$2.75; lb., 3c.



PURINA BABY CHICKEN FEED Directions for Feeding: Little chicks, like chickens, are hungry all the time, and have to be fed sparingly every few hours in the day. If possible, bed their feeding place with an inch or two of cut alfalfa or clover. Scatter Baby Chick Feed in lightly, as much as they can eat up clean. Do not overfeed. 100 lbs., \$2.75; lb., 3c.



PURINA CHICKEN CHOWDER Makes Hens Lay. Green Food and Meat Ration for Moulting and Winter Eggs. Directions for Feeding. Scald or boil. Feed as much as the hens will eat up clean. Mix in table scraps that can be mashed fine. Do not use coarse bits of scrap, whole bone or gristle. 100 lbs., \$3.50; 10 lbs., 40c.



PURINA PIGEON FEED This distinctive feed insures the largest profits for pigeon and squab raisers. It is a scientific mixture composed of Canada Peas, Kaffir, Wheat, Corn and Millet. Owing to quality of the grains used and to the scientifically perfect formula, Purina Pigeon Feed produces maximum results at the least possible cost. Specially prepared, 100 lbs., \$3.00; lb., 3c.

ALFALFA MEAL For Poultry. 100 lbs., \$4.50; lb., 5c.

CRACKED RICE 3c per lb.; \$2.50 per 100 lbs.

ROUGH RICE 10 lbs., 25c; 100 lbs., \$2.00.

FAUST HEALTH GRIT For Pigeons. 100 lbs., \$4.50; lb., 6c.

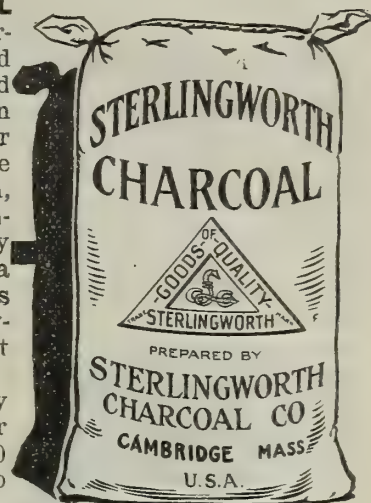
GROUND BEEF SCRAPS Consisting of meat scrap, bone and dried blood, cooked under steam pressure and dried and ground, sweet, clean and good. Should be fed three times a week comprising a tenth part of the mash. 100 lbs., \$4.50; lb., 5c.

BLOOD MEAL Pure blood meal will make hens lay, makes chicks grow fast and keep them healthy. Best poultry and egg food in use. Should be fed three times a week comprising one-tenth of the mash. 100 lbs., \$4.50; lb., 5c.

GRANULATED CHARCOAL

Sterlingworth Poultry Charcoal acts as an absorbent and destroyer of gases produced in the digestive tract when the system is out of order and also of impurities in the blood. It aids digestion, promotes health, and is generally corrective of many poultry ills. A little goes a long way and is worth its weight in gold. No poultryman can afford to be without it.

Sterlingworth Poultry Charcoal is put up in four sizes packed in long 50 pound, paper-lined, burlap sacks; also in 2-pound cartons.



X (Fine Powdered) for Mash Food for Ducks.

XX (Fine Granulated) for Chicks and Chick Food Mixtures.

XXX (Medium Granulated) for Half-Grown Fowls, Pigeons, etc.

XXXX (Coarse Granulated) for Grown Fowls, Geese, Turkeys, etc.

Prices: Per lb., 5c; 10 lbs., 45c; 50 pound paper-lined, burlap sacks, \$2.00 each.

GROUND BONE For mixing with soft feed once a day this is unsurpassed; in three sizes, fine, medium and coarse. Each, 100 lbs., \$4.00; lb., 5c.

MICA GRIT Very necessary for grinding and digesting the food. Best preventive against cholera and diarrhoea. Comes in three sizes, coarse, medium and fine. Each, 100 lbs., \$2.50; 10 lbs., 25c; lb., 3c.

OYSTER SHELLS Oyster Shells contain a large percentage of lime, and it is important to keep your fowls well supplied with them for shell producing. Manufactured in three sizes, coarse, medium and fine. Each, 100 lbs., \$1.00; 10 lbs., 15c; lb., 2c.

CANADA PEAS These are largely used for feeding pigeons. Lb., 6c.

BIRD SEED

HEMP Lb., 20c, postpaid.

RAPE Lb., 20c, postpaid.

CANARY Lb., 20c, postpaid.

SUNFLOWER Lb., 20c, postpaid.

MIXED CANARY Lb., 20c, postpaid.

BIRD MILLET Lb., 20c, postpaid.

If wanted sent by express, DEDUCT 10c per lb.; 3 lbs. for 25c.

CONKEY'S RELIABLE REMEDIES.

EACH ARTICLE MUST SATISFY YOU OR YOU RECEIVE YOUR MONEY BACK

CONKEY'S Symptoms:

ROUP CURE Sneezing,

followed by wheezy, difficult breathing.

Discharge from the nostrils and eyes, which quickly thickens, becoming cheesy looking; rattling in the throat; offensive odor, loss of vitality, etc.

Prices: 25c, 50c and \$1.00, postpaid.



CONKEY'S REMEDIES—Continued.

BRONCHITIS REMEDY Often confused with Roup; it is an inflammation of the membranes. 50c, postpaid.

CHICKEN POX (Sorehead) REMEDY A disgusting disease and is the smallpox of the chicken yard. This remedy will wipe it out every time. Price, 50c; 60c, postpaid.

CHOLERA REMEDY A positive cure for fowl trouble, indigestion, diarrhoea, dysentery, cholera, etc. Guaranteed remedy. 25c and 50c, postpaid.

FLEA SALVE Will positively rid fowls of stick-tights, which are a troublesome pest in this climate. 25c per box; 30c, postpaid.

GAPE CURE Gapes are caused by gapeworms in the windpipe. Positively cures and given without trouble. 50c per box; 60c, postpaid.

HEAD LICE OINTMENT This article will destroy the head louse the moment it touches him. 1 oz. box, 10c, postpaid; 3 oz. box, 25c, postpaid.

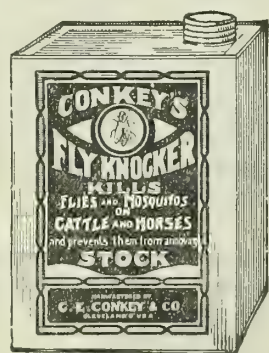
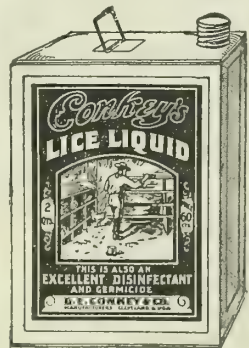
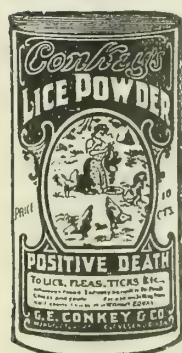
LAYING TONIC Actually promotes egg production without straining or injuring the fowl. It is not a food; shortens the moulting period. 1½ lb. pkg., 25c; 3¼ lb. pkg., 50c. Expressage extra.

HEALING SALVE The best Salve known. It heals everything on man, beast or fowl. 25c, postpaid.

HEALING POWDER The most scientific powder for galls, chafes, cracked heels and all wounds. 50c, postpaid.

HOOF REMEDY Keeps hoofs in perfect condition. Price, 50c. Expressage extra.

WHITE DIARRHOEA REMEDY A sure remedy that can be relied on. Don't despair, it will save the little chicks. 50c, postpaid.



LICE POWDER Can be absolutely relied upon to rid your fowls of lice. 5 ozs., 10c; 15 ozs., 25c; 48 ozs., 50c; 100 ozs., \$1.00. Add 25c for expressage, or 1 cent per oz. for mailing.

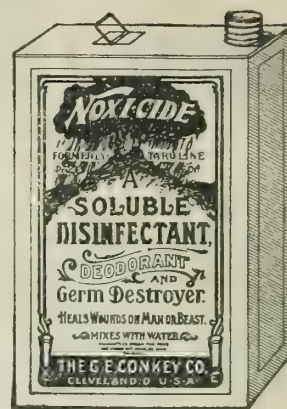
LICE LIQUID Painted or sprayed over the roosts, will quickly and effectively rid your house and poultry of lice. Qt., 35c; ½-gal., 60c; gal., \$1.00. Expressage extra.

FLY KNOCKER Prevents flies from annoying stock. It is perfectly harmless, has a pungent aroma and actually keeps flies and mosquitoes out of range of its odor. It kills every insect it hits, and keeps others out of buzzing distance. It will add flesh to stock. For spraying this liquid we recommend the Faultless Sprayer. Qt., 35c; ½-gal., 60c; gal., \$1.00. Expressage extra.

LIMBERNECK REMEDY Is very effective in the cure of this terrible disease. 50c per box; 55c, postpaid.

POULTRY WORM REMEDY This necessary article will rid the fowl of harmful worms and promotes the return of healthful conditions. 50c, postpaid.

NOX-I-CIDE A non-poisonous, soluble disinfectant and germ destroyer. By mixing with water, one gallon will make 10 gallons disinfectant. Pt., 35c; qt., 60c; ½-gal., 90c; gal., \$1.50. Expressage extra.



POULTRY TONIC A splendid remedy for fowls recovering from disease, and during moulting season. 25c, 30c, postpaid.

POULTRY LAXATIVE A perfectly harmless remedy which can be depended upon every time. 25c, postpaid.

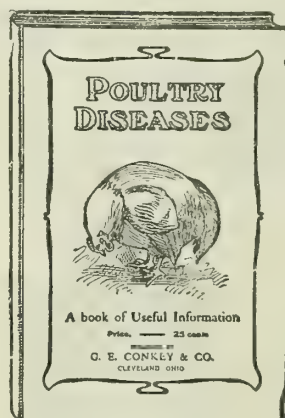
PAIN LOTION 50c, postpaid 60c.

RHEUMATIC REMEDY A combination treatment consisting of a powder to be taken internally and a liniment for applying direct to the affected part. 50c; 55c, postpaid.

STOCK WORM REMEDY Is a sure exterminator of the various worms that a horse is afflicted with. It gets them all. 50c, postpaid.

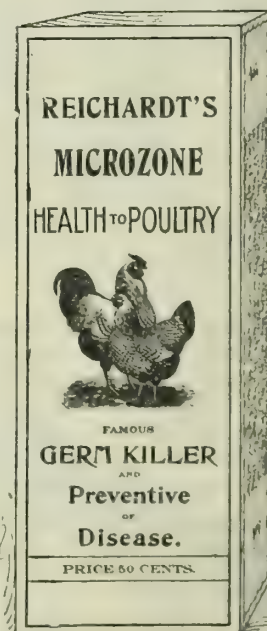
SULPHUR CANDLES Easy to light, safe to use and deadly to all germ and insect life. Each, 10c; 3 for 25c; add 5c each for postage.

STOCK TONIC Is a general conditioner, combining the beneficial qualities of a great number of reliable medicines; cleans the blood and therefore acts on every vital organ. 1 lb. pkg., 25c; express extra.

**VALUABLE BOOK FREE**

A fine 72-page book entitled "Poultry Diseases." It tells what the symptoms of disease are, how to diagnose disease. Also how to feed, how to house and properly take care of your fowls. It is full of information that is valuable to you. Send 2 cents in stamps to cover postage and we will mail this book free.

REICHARDT'S Famous germ MICROZONE killer and preventive of diseases. This remedy cures the following ailments in all kinds of poultry and stock: Sore eyes, sore mouth, sore breast, back or shoulders, cracked heels, wounds, cuts, sores, saddle galls, canker. Price, per bottle, by express, 50 cents.

**PRATT'S FOODS.**

PRATT'S ANIMAL REGULATOR 26 oz. pkg., 25c; 4 lb. pkg., 50c.

PRATT'S EGG PRODUCER 26 oz. pkg., 25c; 4 lb. pkg., 50c.

PRATT'S CONDITIONER 12-lb. sack, 75c.

PRATT'S WORM POWDER 50 cents.

PRATT'S LICE POWDER Price, 25c pkg.; postpaid 40 cents.

INTERNATIONAL CO.'S PRODUCTS.

- DAN PATCH WHITE LINIMENT** 50 cents.
- LOUSE KILLER** 25 cents.
- SILVER PINE HEALING OIL** 25 cents.
- GOPHER POISON** 25 cents (postpaid, 45 cents).
- PHENO GLORO** (Disinfectant.) 25c, 50c.
- HEAVE REMEDY** 50 cents.
- DISTEMPER REMEDY** 50 cents.
- COLIC CURE** 50 cents.
- HONEY TAR FOOT REMEDY** 50 cents.
- WORM POWDER** 50 cents (postpaid, 70 cents).
- POULTRY FOOD** 25 cents and 50 cents.
- STOCK FOODS** 25 cents and 50 cents each.

For Dogs.

- GONKEY'S MANGE REMEDY** A positive cure for mange, eczema, canker, sore eyes, ringworms and all forms of parasitic skin diseases. 50 cents; expressage extra.
- GONKEY'S DISTEMPER REMEDY** A wonderful cure for this scourge. Excellent for young puppies; prevents worms and insures good health. 50 cents (postpaid, 55 cents).
- SPRATT'S DOG BISCUITS** 35 and 60 cent pkgs.

For Horses and Cattle.

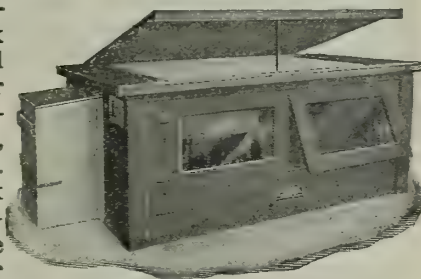
- COMPRESSED SALT BRICKS** Each, 15c.

INCUBATORS, BROODERS, THERMOMETERS, ETC.

The famous "Essex Model Standard" Incubators are recognized as the leaders among high-class machines. They are made of high-grade chestnut (the only hardwood incubator made). Double walls, perfectly packed and insulated. Top packed and insulated with layers of laminated cotton and strawboard. Double glass door. Equipped with "Essex" Corrugated Thermostat (patented), insuring automatic regulation. Entirely self-ventilating; no slides to adjust or to confuse you. Equipped with latest heater, improved self-adjusting iron lamp rest of unusual strength and convenience. The best constructed, best appearing, most superior incubators made.

ESSEX MODEL PORTABLE HOVER—1913 MODEL

Complete with Galvanized Iron Lamp Box and Hover, Lamp and Thermometer; ready for operation in any brooding house, colony house, coop or other building. It is used in all Essex Model Brooders. Possesses more Hover space than any other similar Hover. Contains 324 square inches. It is right down-to-date. Price, \$7.50.



THE FAMOUS ESSEX MODEL STANDARD INCUBATOR—1913 MODEL

(Made in Six Sizes.)



Automatic and Perfect Regulation and Ventilation. Equipped with the Essex Corrugated Thermostat. Made throughout of high-grade chestnut. Double walls and top perfectly insulated. The World's Most Perfect Hatcher. Best appearing and best constructed. Capacities, 100 to 410 eggs. Prices, \$17.00 to \$48.00.

Prices and Sizes.

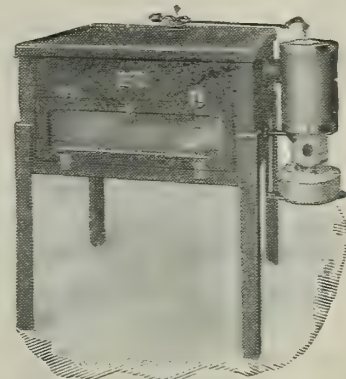
No.	Standard Incubator, holds	Price
No. 0.	100 eggs.....	\$17.00
No. 1.	175 eggs.....	23.00
No. 2.	275 eggs.....	32.00
No. 3.	410 eggs.....	37.00
No. 4.	Standard Incubator (duck eggs), holds 324 eggs	43.00
No. 5.	Standard Incubator (ostrich eggs), holds 42 eggs	48.00

"MIDDLE-PRICE" MISSION FINISH ESSEX MODEL INCUBATOR

The Essex Model "Middle Price" Incubators with their latest improved mission finish design, represent the greatest advance of years in Incubator construction. Like all other "Essex Models," they are thoroughly well made. Unequaled by any other make in egg capacity, price, construction and hatch ability. They are really in a class by themselves. They are the surprise of the 1913 season, yet so reasonable in price to be within the reach of everybody.

Made in three sizes.

Complete with Lamp, Thermometer, and Egg Tester—No Extras for you to buy. Finished in the Latest Superior "Mission" style. Possesses Self-adjusting Lamp Support and Essex-Corrugated Thermostat (Patented).



Prices and Sizes.

No. A.	Middle-Price Incubator, holds 70 eggs....	\$ 9.50
No. B.	Middle-Price Incubator, holds 120 eggs....	12.50
No. C.	Middle-Price Incubator, holds 200 eggs....	18.50

Call at our store and examine these Superior Hatchers. See how easily they work. Everything automatic. Nothing to do but to fill the lamp and trim the wick. They run themselves.

All Essex Model Incubators are guaranteed to give satisfaction.

THERMOMETERS.



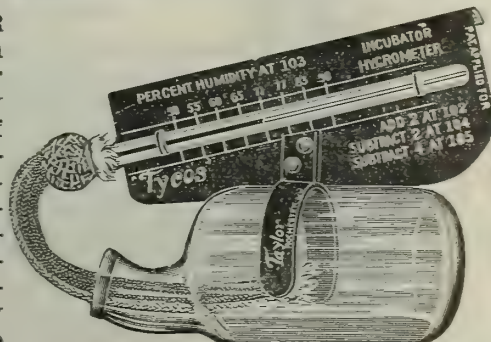
"TYGOS BRAND"—SUREST AND BEST ON THE MARKET

The best incubator or brooder manufactured is worthless unless the thermometer used therein is accurate. Hundreds of hatches fail in incubators because of inferior thermometers, and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

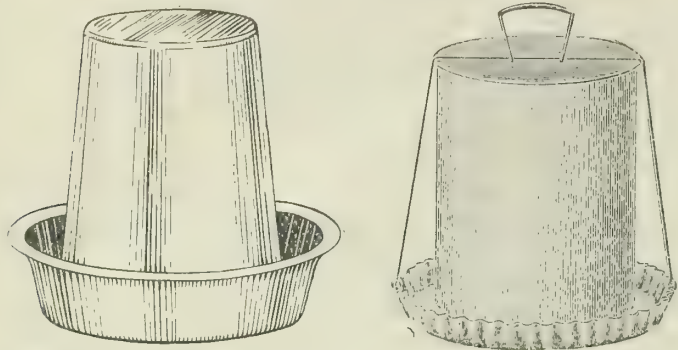
INCUBATOR THERMOMETERS 75 cents each, postpaid.
BROODER THERMOMETERS 60 cents each, postpaid.

HYGROMETER

By using this in your incubator you can readily see the amount of moisture your machine is consuming and the necessary amount required for a successful hatch. Frequently the new beginner will give either too little or not sufficient moisture and the result is a failure. You will experience no difficulty if using a "TYCOS" brand of Hygrometer. Price, by mail, \$1.50.



POULTRY SUPPLIES—Continued.



GALVANIZED IRON These fountains embody every **DRINKING FOUNTAIN** good feature of the up-to-date drinking fountain and are acknowledged to be the best in use.

Prices: Quart size, 25c; 2-quart size, 40c.

SANITARY SELF-FEEDING HOPPER Manufactured from the best galvanized iron, it contains three compartments for feed, shell or grit. It can be hung up against the wall at any height desired. The best self-feeding hopper on the market.

Prices: Small size, 75c; large size, \$1.00.

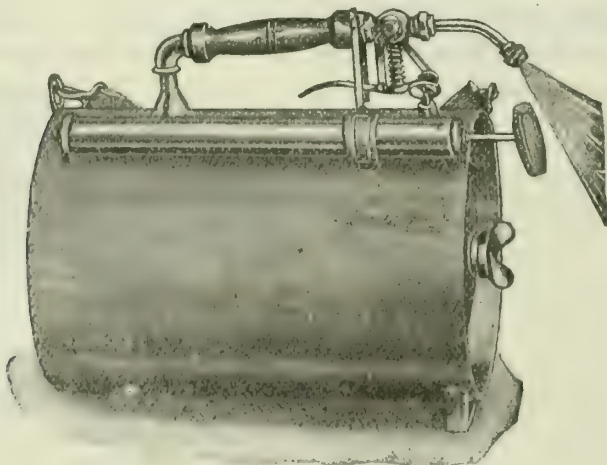
DRY FOOD HOPPER It has two compartments, a large one for grain mixture, holding about six quarts, and a small one for beef scraps, holding about three quarts. The hopper is provided with a hinged cover which protects the grain at all times from moisture and filth, and is also supplied with a strong handle for convenience in filling and handling. These hoppers are intended to be hung against the wall of a poultry house. Small size, 80c; large size, \$1.00.

EARTHENWARE DRINKING FOUNTAINS These are made and so constructed that they feed themselves. No danger of little chicks drowning; they have easy access, but cannot get into the opening. For yard purposes there are none better. Grown hens as well as the chicks have easy access, yet cannot soil the water.

Prices: Three-quart, 35c each; one-gallon, 50c each.



LEG BANDS Leader Adjustable. This band is made in one piece, in two sizes, adjustable to fit any fowl. Held by double lock. It is impossible for them to lose off. Made of aluminum and numbered from one to one hundred. Prices: Postpaid, 12 for 15c; 25 for 30c; 50 for 45c; 100 for 75c.



Lowell Compressed Air Sprayer

GLIMAX LEG BAND These are the original wire and clasp bands and are made with spring brass wire rings so bent that the tag acts as a clasp and on account of their construction it is impossible for fowls to pick them off the leg. Prices: Postpaid, 12 for 15c; 25 for 30c; 50 for 45c; 100 for 75c.

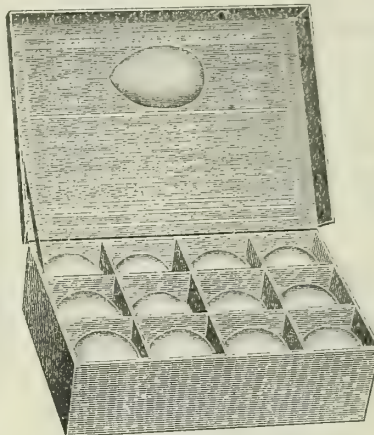


X-RAY EGG TESTER To use on any ordinary hand lamp. Constructed of tin plate with heavy carriage cloth.

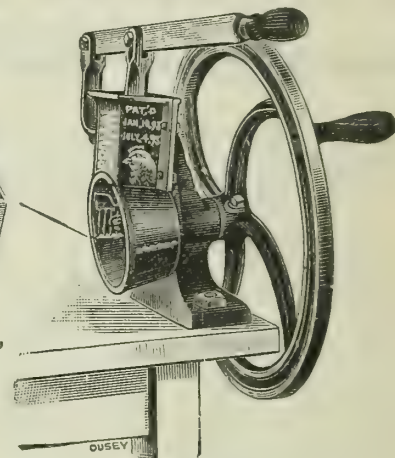
Price, 25c; postpaid, 35c.

EYRIE EGG-SHIPPING BOXES These boxes are made of corrugated paper, and are very strong. The self-locking handle prevents contents being tampered with. 15-egg size, dozen, \$1.50; 30-egg size, \$2.00.

KNOX NEST EGG NOT LICE EXPELLER Not a destroyer of insects, but a preventive of mites and lice. One egg in a nest is sufficient.



5c each; 1 dozen, 50c, not prepaid.



WILSON BONE AND GRINDING MILLS Prices, \$6.00 and upward. Write for catalogue.

THE CROWN BONE CUTTER To bolt to bench or table. This is smaller than the Daisy, but does excellent work. Has steel knives, which can be taken out and sharpened and be replaced in a few minutes. One pound of green bone has been cut in one minute. Weight, 50 pounds. Price, \$6.50.

NO. 1 POULTERERS' MILL Hand Bone, Shell and Corn Mill for the Poultryman.

The mill will grind or granulate dry bones, shells, grit, gravel, stones, crockery, glass, charcoal, corn and all kinds of grain. To bolt on bench or table. Price, with-out stand, \$5.00. Weight 33 pounds.

THE ESSEX MODEL TOE MARKER To toe mark a chick, a good cutting punch is needed, one making a clear hole. It has a separate stop between the jaws to prevent bruising the web of the foot. Price, 30c, postpaid.

SPRAYERS

THE LOWELL FOUNTAIN COMPRESSED AIR SPRAYER Is well adapted for the fruit grower, farmer, stockman, poultryman, florist and for use of general disinfectants. It is the strongest small tank sprayer ever made, being constructed of heavy sheet brass or galvanized steel.

LOWELL COMPRESSED AIR SPRAYER Does not require constant pumping. Has an automatic thumb lever valve. Most practical for orchard, field and garden work.

One pumping will expel entire contents of tank and is sufficient to spray 2,000 plants. Spraying nozzle may be reversed to spray under side of bushes and plants. The Automatic Thumb Lever Valve is at all times under complete control of operator—hence, none of the solu-

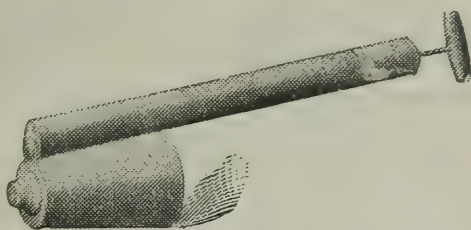
SPRAYERS—Continued.

tion is wasted. It saves its cost in making a given amount of compound do so much more work. An Adjustable Shoulder Strap and Tree Attachment with suitable couplings for orchard and tree spraying, furnished with each machine. Aluminum finish. Capacity, 3 gallons. Price, galvanized, \$5.00; brass, \$6.00.

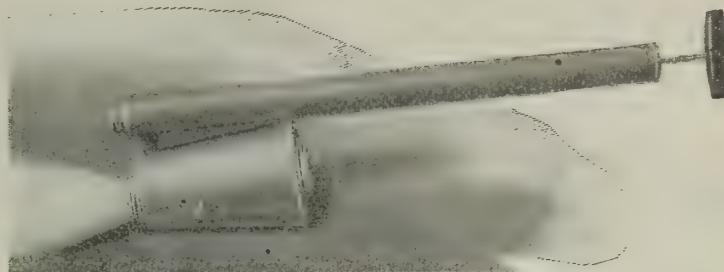
LOWELL GRAND SPRAYER

Tapered cylinder reservoir, 4-inch bottom, 3-inch top, 1½-inch pump cylinder, 20 inches long. Strong and durable in construction. Each Sprayer is tested for leaks and perfect spray. Capacity, 1 quart. Price, 50 cents.

LOWELL BLOW POWDER SPRAYER This Sprayer is recommended by some potato growers, stock and poultry



raisers to use Paris Green, London Purple, Slug Shot and Hellebore in powder form. Of strong construction and nicely finished in aluminum. Capacity, one quart of powder. Price, 75c.



LOWELL SPECIAL SPRAYER Is a single tube, tin Sprayer. Pump cylinder measures 14½ inches in length. This Sprayer atomizes all solutions into a fine mist-like spray and is used extensively for spraying disinfectants, etc. Capacity, 1 quart. Price, 50c.

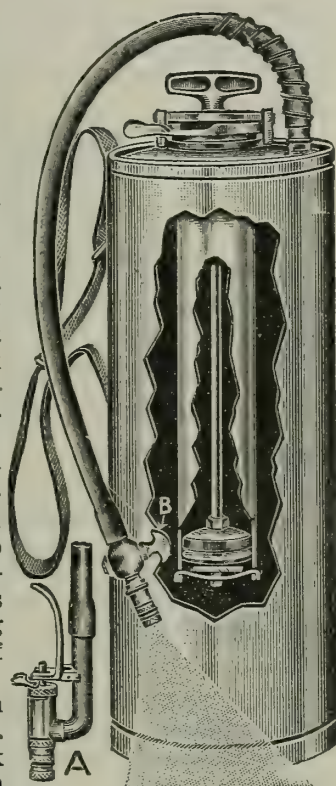
AUTO SPRAYERS.

A practical machine for spraying Potatoes, Tobacco, small Fruits, Vineyards, Greenhouses, Poultry Houses, etc. Also excellent for use with Whitewash, Disinfectants, etc.

The four-gallon "Auto-Spray" No. A is the strongest, most useful and most generally used of all spray pumps. It will do all that any spray pump can do, and, in most cases, it will do the work quicker and better. It has superseded the bucket and knapsack sprayers, which require constant pumping, and is positively and absolutely guaranteed against all defects. Tested before leaving the factory. No work to operate the Auto-Spray. The user simply holds the nozzle after compressing the air with a few strokes of the plunger.

The Auto-Spray is made in four styles, as priced below. We recommend the brass tank as costing but little more than galvanized and it is practically indestructible. When desired, we furnish brass extension pipes in 2-foot length for spraying trees. The usual equipment for tree work is three lengths, and the price is given below. With every Auto-Spray is supplied, free of charge, the most complete and up-to-date spray calendar ever issued.

The "Auto-Pop" doubles the efficiency of any compressed air sprayer, because the operator absolutely controls the spray by working a lever which opens and closes the nozzle, and, at the same time, cleans it. No



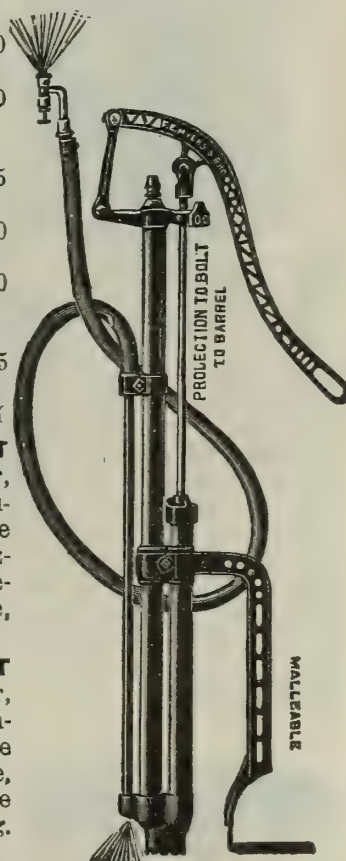
other valve can be operated to clean the nozzle automatically, because ours is protected by patents; moreover, the "Auto-Pop" may be used all day without fatigue.

Height 2 feet, diameter 7 inches, capacity 4 gallons, weight empty 8 pounds, loaded 39 pounds, shipping 12 pounds.

- PRICES on Auto-Sprays:
- Brass tank, with stop-cock\$6.50
 - Brass tank, with "Auto-Pop" (recommended).. 7.50
 - Elbow extension brass (for under side of low-growing plants)35
 - Galvanized tank with "Auto-Pop" 6.00
 - Galvanized tank with stop-cock 5.00
 - Extension Pipe, brass, 2-foot lengths (for use on trees)35
 - "Auto-Pop" supplied separately 1.00

MYERS' LEVER BUCKET SPRAY PUMP With agitator, complete with hose and graduating Vermorel, fine, coarse spray and solid stream nozzle. Fine sprayer for whitewashing. See cut. Price, \$5.00.

MYERS' LITTLE GIANT SPRAY PUMP With agitator, complete with hose and Imperial combination fine, coarse spray and solid stream nozzle, with malleable foot rest. Fine sprayer for whitewashing. Price, \$3.50.



INSECTICIDES and FUNGICIDES

There is no question about the necessity of spraying fruits and vegetables. There is no question about the profit in doing so. You may have poor crops and not know the reason. Possibly you didn't know that blight causes the rot on tomatoes. Your melons, cucumbers and potatoes may be withered and burnt up owing to blight.

BORDEAUX MIXTURE (Liquid.) Prevents blight, rot, mildew, specks and spots. Increases crop yield 15 to 25 per cent. By adding water it is ready for use. By

express, 1 qt., 60c; 1 gal., \$2.25. One gallon will make one barrel liquid.

COOPER'S WINTER TREE SPRAY Kills with absolute certainty the eggs of all insects and clears trees of all obnoxious parasites. Price, 75c per can.

FISH OIL SOAP Destroys lice on house plants, mealy bugs, scale on palms and San Jose scale. It is a necessity for everyone who grows plants. ½ lb., 10c; 1 lb., 20c; 5 lbs., 90c.

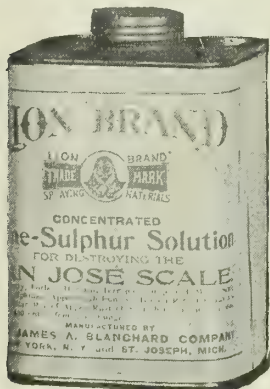
INSECTICIDES and FUNGICIDES—Continued.

LONDON PURPLE Used for same purposes and applied same as Paris Green. Results on plants are sometimes caustic. As a partial remedy against a probable caustic effect use about five times as much lime as London Purple. One pound to 150 gallons of water. Price, 1/2 lb., 20c; 1 lb., 35c.

PARIS GREEN Mixed at the rate of one pound to 200 gallons of water. A poisonous insoluble powder, indispensable on the farm for preventing ravages of potato bugs, codling moth, worms, caterpillars, slugs and all chewing insects. 1-lb. can, 40c; 1/2-lb. can, 25c. This article is liable to fluctuate in price. Special price on large lots.

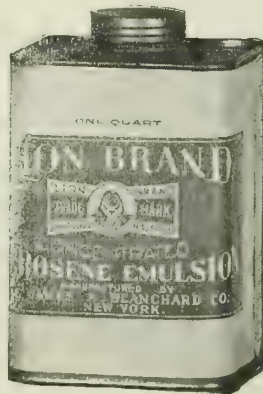


APHIS PUNK A nicotine paper for fumigating. Box, 60c; postpaid, 70c.



LIME SULPHUR SOLUTION A perfect scale and fungus destroyer; special for plum and peach trees, which need fall and spring treatment; cures peach leaf curls. Use during dormant period. Protect the hands with gloves when applying. Dilute with ten parts of water. Apply with spray pump. Price, 1 qt., 60c by express.

KEROSENE (Paste.) Used in the summer as a wash while the foliage is on the tree. It is a safe and sure remedy to kill all sucking insects as plant and bark lice, tree bugs, squash bugs, pea louse, lice, mealy bugs and all insects that take their nourishment through a proboscis; scale, leaf hoppers, aphis, in fact, nearly all insects that cannot be controlled with an arsenical. Is very efficacious on scale insects infesting citrus fruit trees. Price, 1 qt., 60c by express.



ARSENATE OF LEAD The best of all arsenical poisons. Does not burn the foliage, and as it shows white, you can tell just what has been sprayed; sticks well to the foliage and is sure death to all leaf eating insects. It is used extensively to control the codling moth, canker worm, elm leaf beetle, rose bug, cherry bug, tussock moth, curculio and other chewing insects. Adheres well to the foliage. Price, lb., 25c; 5 lbs., \$1.00, by express.



HELLEBORE Fresh white Hellebore, one ounce; water 3 gallons. Apply when thoroughly mixed. This poison is not so energetic as the arsenites, and may be used a

short time before the sprayed portions mature. Excellent to destroy cabbage worms, currant worms and also sucking insects. Price, 1/4 lb., 10c; 1/2 lb., 15c; lb., 25c; 5 lbs., \$1.00, not prepaid.

THRIP JUICE

The great scale killer for oranges, etc. A remedy for mealy bugs, scale, thrips, codling moth, canker worm, beetles, caterpillars, etc.

THRIP JUICE NO. 1 Kills scale on citrus trees, oranges, lemons and grape fruit. It is arseniated and stands great reduction. The great dilution of 800 to 1,000 parts was efficacious against the varieties of scale common to the Gulf States. Pt., 75c; qt., \$1.00.

THRIP JUICE NO. 2 Non-poisonous. A concentrated liquid insecticide for sucking insects, for use on plants, trees, shrubs, etc. To be diluted 16 to 40 times its bulk in water. For the destruction of the thrip or vine hopper. Kills scale, red spider, caterpillars. Pt., 75c; qt., \$1.00.

SLUG SHOT A light, composite, fine powder, easily distributed either by duster, bellows, or in water by spraying. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, lice slugs, sow bugs, etc., and it is also strongly impregnated with fungicides. Price, by express or freight, 5-lb. pkg., 35c; 10 lbs., 60c.



TOBACCO DUST If dusted on while the foliage is moist it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off all earth insects and also acts as an excellent fertilizer. Price, lb., 10c; 5 lbs., 30c; 10 lbs., 50c.

TOBACCO STEMS For fumigating. Price, lb., 10c; 5 lbs., 30c; 100 lbs., \$4.00.

SULPHO-TOBACCO SOAP A wonderful Insect Pest Exterminator. Unsurpassed for quickly exterminating all insect life on plants and flowers in and out of doors. Excellent for rose bushes, shrubs, etc. For domestic purposes it rids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. Three ounce cake, sufficient for one and one-half gallons prepared solution, 10c each; 75c per dozen. Eight ounce cakes, sufficient for four gallons prepared solution, 20c each; \$1.50 per dozen.



GRAFTING WAX A product of many years experience. It will neither soften and leave the graft, melt in the sun or be too hard to work up nicely in the hand. 1/4-lb. sticks, 10c. If by mail, add 10c per lb., for postage.

RAFFIA For tying plants, lb., 25c.

DO NOT PLANT TREES, ETC., IN THIS SECTION BEFORE LATTER PART OF NOVEMBER

RETAIL PRICE LIST ON FRUIT AND NURSERY STOCK

ORANGES (on Citrus Trifoliata.)

Grade.	SATSUMA	Each.	10.
1	to 2 feet, 1 year old, well branched...	50c	\$3.50
2	1/2 to 3 feet, 1 year old, well branched and stocky	70c	6.00
3	to 3 1/2 feet, 2-year-old, heavy and stocky	90c	7.50

KUMQUATS (on Citrus Trifoliata.)

Grade.		Each.	10.
1	to 1 1/2 feet, bushy and strong bearing size	60c	\$5.00
1 1/2	to 2 feet, very bushy and strong bearing size	80c	7.50

DUGAT (on Citrus Trifoliata.)

Grade.		Each.	10.
1 1/2	to 2 feet	75c	\$6.50
2	to 3 feet	90c	8.00

PONDEROSA LEMONS

Grade.		Each.	10.
2	to 3 feet, 1 year, light size.....	70c	\$6.00
3	to 3 1/2 feet, 1 1/2 year, medium size.....	90c	7.50

FIGS—CELESTIAL

Grade.	(Bluish or Violet Yellow.)	Each.	10.
1	to 2 feet, small size	15c	\$1.20
2	to 3 feet, medium size	20c	1.50
3	to 4 feet, standard size	25c	2.00

FIGS—MAGNOLIA

(White or Pale Yellow; Purplish Tinge.)

Grade.		Each.	10.
1	to 2 feet, small size	15c	\$1.20
2	to 3 feet, medium size	20c	1.50
3	to 4 feet, standard size	25c	2.00

JAPAN PERSIMMONS

Grade.		Each.	10.
2	to 3 feet, small size	25c	\$2.00
3	to 4 feet, medium size	30c	2.50

PAPER-SHELL PECAN TREES

Grade.		Each.	10.
1	foot and under, "Stuart".....	50c	\$4.00
1	to 2 feet, "Stuart"	70c	6.00

Write for prices on other Fruit Trees.

DEWBERRIES AND BLACKBERRIES

60c for 10; \$1.25 for 25; \$4.00 for 100.

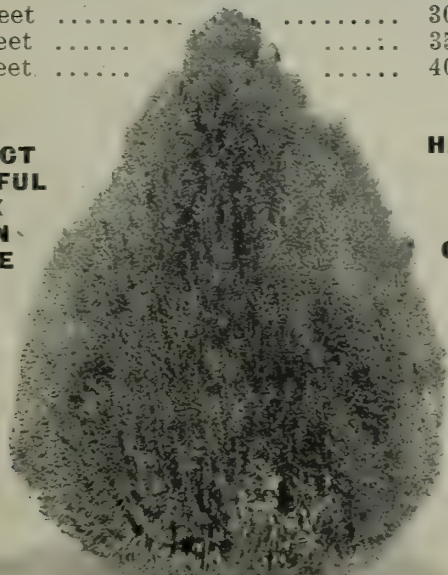
TEXAS UMBRELLA TREES

Grade.		Each.	10.
2	to 3 feet, small size	30c	\$2.50
3	to 4 feet, medium size	40c	3.50
4	to 6 feet, standard size	60c	5.50

ARBORVITAE

Grade.		Each.	10.
1	to 2 feet	30c	\$2.50
2	to 3 feet	35c	3.00
3	to 4 feet	40c	3.50

VERY COMPACT BEAUTIFUL DARK GREEN FOLIAGE



A HANDSOME TREE FOR YARD OR LAWN

CAMPBOR TREES

Grade.		Each.	10.
1	to 1 1/2 feet, well branched, 2 year.....	25c	\$2.00
1 1/2	to 2 feet, well branched, 2 year.....	40c	3.50
2	to 2 1/2 feet, well branched, 3 year.....	55c	5.00

CATALPA SPECIOSA TREES

Grade.	(For Windbreak.)	Each.	10.
1	to 2 feet	20c	\$1.50
2	to 3 feet	25c	2.00

JAPANESE FERN BALLS

(For Hanging in Windows or on Veranda.)

Small75 each
Medium	\$1.00 each
Large	1.50 each

THE ROSE

THE QUEEN OF FLOWERS



ROSES WORTHY A PLACE IN YOUR GARDEN

ROSES

Our plants are strong, healthy field-grown specimens; they are either two years old or strong one year's plants.

	Each.	10.
1 year strong field-grown.....	35c	\$3.00
2 years strong field-grown.....	40c	3.50

We are able to furnish any standard variety as Marechal Niel, Malmaison, LaFrance, Maman Cochet, Crimson Rambler, etc.

STRAWBERRY PLANTS

KLONDYKE This is the most popular of all berries; is early, of good size and color. Fruits are of highest quality. Heavy, dark green, rustless foliage. The unusual firmness makes it an excellent shipper.

EXCELSIOR An extra early self-pollenizing, heat-resisting variety, very productive and very profitable for market purposes.

LADY THOMPSON Fruit is of medium large size, a good shipper, drouth resister and of good market value.

MICHEL'S EARLY A medium sized, evenly colored berry of rich, mild flavor, solid meated; splendid shipper.

PRICES on Strawberry Plants:

100 well-rooted plants50
1,000 well-rooted plants	\$3.50

We shall always be glad to have complete inquiries for your list of wants and make careful estimates and suggestions as to your plantings.

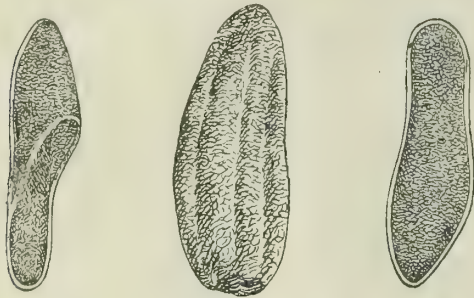
NEW INDUSTRIAL PLANT FOR TEXAS

“Cucumis Loofah Texana”

Improved Dish Rag Gourd.

Crossed by Albert Schwenke, Expert Gardener and Botanist, Houston, Texas, R. F. D. No. 3.

IT WILL PRODUCE ENORMOUS GAINS



Plants of various kinds have so far been cultivated in Texas with more or less success. Germany has brought the fabrics of this plant, respectively her fruit, into the service of the various industries. Since over 20 years this industry has made a gigantic progress. For example, there are in Germany alone about 6,000,000 of these fruits manufactured into bath brushes, insoles, sandals, bath shoes, nail brushes, hats, rugs and many other articles.

GOURD CROP A NEW INDUSTRY

Profits are large. \$600 per acre will be received with product going to Germany. Demand is brisk.

Inspected and approved by Mr. H. von Ness, horticulturist to the State of Texas Experiment Station, Bryan, Texas.

One-half to three cents per Gourd. The prices quoted were about three cents per gourd, from those having a size of 22 inches and longer; for the smaller, less, according to sizes. The last year's crop realized on an average \$400.00 per acre and therefore should the growing on a larger scale be advisable, as the intentions are to build a new, large Loofah factory besides the one already running. Also four million fibres will be needed for export to Germany.

I warn anybody to obtain seeds offered by someone who grew the Loofah Texana and saved his own seed, as these seeds are worthless and are liable to put a crop in question. It is a fact that the Cucumis Loofah Texana is a “hybrid,” created by artificial “breeding,” and it is easily possible that the self-raised seed, if planted the following season, is liable to degenerate and to revert to what it is created from. The science has often testified this possibility, and therefore have I arranged that the genuine seed is grown with particular care every year. Therefore, be sure and buy only Schwenke's Original Guaranteed Seed and refuse the inferior seeds offered on the open market, as it is absolutely necessary to guard yourself against a crop failure.

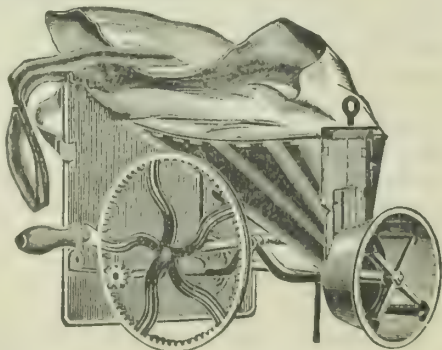
Small package, containing 60 seeds, 25c; one oz., containing 300 seeds, 75c; quarter lb., containing about 1,200 seeds, \$3.00; one pound required for one acre, \$10.00. Pamphlet and culture on above free on application.

BROADCAST HAND SEED-SOWERS

For sowing alfalfa, millet, oats, wheat, hemp, barley, rye, rice, buckwheat, etc. A model for accuracy and durability.

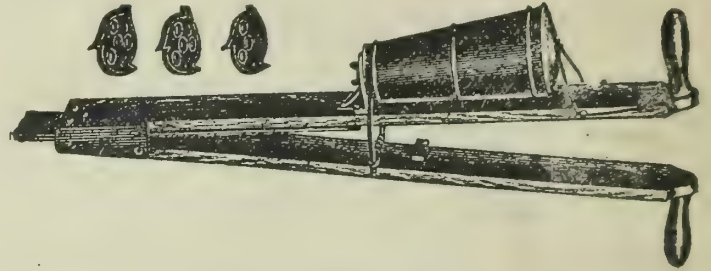
CAHOON'S PATENT BROADCAST SEED SOWER

Sows from 4 to 8 acres per hour at an ordinary walking gait, throwing wheat about 40 feet wide. Full directions for use with every machine. \$3.50.



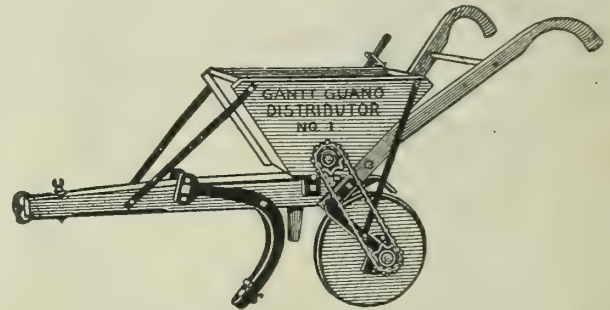
SMITH'S SPECIAL This Seeder, 14 feet long, sowing **WHEELBARROW ALFALFA SEEDER** a 14-foot width as fast as a man can walk, delivered at your station by express for only \$10.00.

CYCLONE SEEDER This machine is strictly first-class in every respect; will sow perfectly even and any desired amount to the acre. Price, \$1.50.



CRESCENT HAND CORN PLANTER For planting corn, cow peas and other field seeds; can be regulated to drop seeds from 2 to 5 to the hill. Price, \$1.25.

GANTT FERTILIZER DISTRIBUTOR



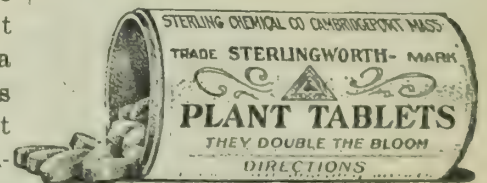
This Fertilizer Distributor can easily be operated by one man and one horse.

Through a series of cogs the Fertilizer is thoroughly pulverized.

The improved CUTOFF AND LEVER, in reach of the operator, guarantees perfect control and regulates the quantity desired for an acre. Through climatic action all fertilizers are apt to cake more or less. By using this Distributor it will pulverize and distribute equally, which is the most important part in using fertilizers to the best advantage. Price, \$6.00 each.

Send 2 cents and we will mail you pamphlet on fertilizer.

PLANT TABLETS These Plant Tablets are a clean, odorless concentrated plant stimulant and invigorator. Their use promotes healthy, vigorous leaves and branches, and insures beautiful, luxuriant flowers. They build up the soil scientifically and make frequent renewal of soil less important. If you want luxuriant, healthy plants, ferns and beautiful flowers, these Tablets are just what you are looking for.



Prices: Small, or trial size, 10c, postpaid. Medium size (100 Tablets), sufficient for 35 plants 3 months, 25c, postpaid.

CHOICE FLOWER SEEDS

We Import Our Stocks Direct and Put Them Up Ourselves

ABUTILON (Flowering Maple, or Chinese Bell-flower.) A tender perennial shrub, used generally in green-houses, but growing into small trees in the South. Mixed colors, pkt., 10c.

ADLUMIA (Mountain Fringe, Allegheny Vine, or Climbing Fumitory.)

Cirrrosa—A graceful, hardy, biennial climber, but, as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden Hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed. Pkt., 10c.

ADONIS (Flos Adonis, or Pheasant's Eye.) A hardy annual of easy culture, growing about one foot high. Oz., 25c; pkt., 5c.

AGERATUM (Floss Flower.) A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer.

Mexicanum—Light blue, about 20 inches high. Oz., 25c; pkt., 5c.

Imperial Dwarf White—Height 8 inches. Oz., 50c; pkt., 5c.

Mixed—Above mixed. Pkt., 5c.

ALYSSUM SWEET One foot high, very sweet, honey fragrance. Oz., 25c; pkt., 5c.

AMARANTHUS Hardy annuals, grown especially for their brilliant foliage.

Tricolor—Well known as Joseph's Coat. A hardy annual with leaves of red, yellow and green. Especially brilliant if grown in poor soil. Oz., 25c; pkt., 5c.

Caudatus (Love Lies Bleeding)—Grows three feet high, with brilliant leaves in variegated, red, yellow, green, etc. Pkt., 5 cents.

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

ANTIRRHINUM (Snapdragon.) This is an old border plant with dark, glossy leaves and long spikes of curiously shaped, brilliantly colored flowers; with finely marked throats. Tender perennial; 1½ to 2 feet high.

Tall Mixed—Extra fine selection, fine, long spikes. Grand for cutting. Oz., 50c; pkt., 5c.

Dwarf Mixed—Large variety of colors; best for bedding. Oz., 50c; pkt., 5c.

Majus Album—Pure white, light yellow throat. Pkt., 5c.

ASPARAGUS The ornamental varieties of Asparagus are highly valued for their finely cut foliage. Both the climbing and trailing sorts are exceptionally attractive.

Plumosus Nanus—A dwarf variety and sometimes preferred on account of its beautiful, dense sprays of feathery green. Pkt., 10c.

Sprengeri (Emerald Feather)—An early, easily grown feathery-leaved variety, with drooping branches. The best variety for hanging baskets. Pkt., 10c.

AQUILEGIA (Columbine.) A hardy perennial. Fine Mixed—All colors. Pkt., 5c.

ARISTOLOGIA SIPHO (Dutchman's Pipe.) Strong growing, hardy climber. Pkt., 10c.

ASTER These grow best in rich soil, although they will give satisfactory results in any ordinary garden soil. Annual.

Aster—Finest Mixed. Oz., 75c; pkt., 5c.

Giant Branching Comet—Blue. Pkt., 10c.

Giant Branching Comet—Carmine. Pkt., 10c.

Giant Branching Comet—White. Pkt., 10c.

Giant Branching Comet—Rose. Pkt., 10c.

Giant Branching Comet—Mixed. Pkt., 5c.

Truffaut's Peony-flowered Perfection—Mixed. Pkt., 5c; oz., \$1.25.

Snowball—Clear pure white. Oz., \$1.25; pkt., 5c.

Victoria—Mixed. Oz., \$1.25; pkt., 10c.

BALLOON VINE, OR LOVE-IN-A-PUFF Climbing Annual, with small inferior flowers. 6 feet high. Oz., 15c; pkt., 5c.

BARTONA AUREA (Golden Barton.) A hardy annual, growing about two feet high and bearing golden-yellow flowers. Pkt., 5c.

BACHELOR'S BUTTON (See Centaurea.)

BEGONIA Fine Mixed. Pkt., 20c.

BALSAM (Lady Slipper or Touch-Me-Not.) An old favorite garden flower, producing its gorgeous masses of beautiful, brilliant colored double flowers in the greatest profusion. Annual; prefers rich soil, must not suffer for moisture; one to two feet high.

French Camellia—Double Mixed. Oz., 50c; pkt., 5c.

Rose-Flowered—Double Mixed. Oz., 60c; pkt., 5c.

Carnation Striped—Double Mixed. Oz., 60c; pkt., 5c.

BELLIS PERENNIS (Double Daisy.) Tender perennial, about 6 inches high, charming little plants for edgings and borders.

Extra Double White, or Snowball—A clear white variety. Oz., \$2.75; pkt., 10c.

Double Rose (Longfellow)—Finest strain. Oz., \$2.75; pkt., 10c.

Extra Double—Mixed. Oz., \$3.00; pkt., 5c.

BURNING BUSH (See Kochia.)

CALENDULA (Pot Marigold.) Very hardy annual, one foot high, blooming freely practically the whole year round.

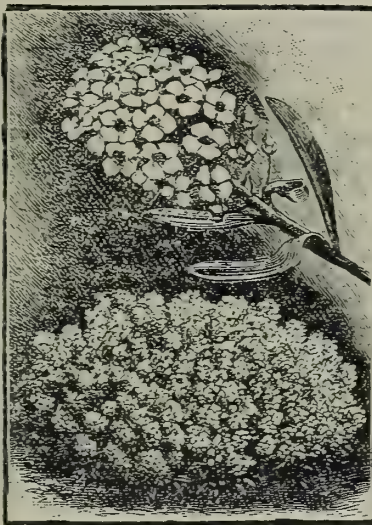
Double Mixed—Oz., 25c; pkt., 5c.

CALIFORNIA POPPY, OR ESCHSCHOLTZIA A hardy annual with fine-cut, feathery foliage and beautiful velvety cup-shaped flowers. ½ oz., 15c; pkt., 5c.

CALLA This beautiful and effective plant will always be a favorite because of its easy culture. Waxy white flowers and healthy green foliage. Pkt., 10c.



Aster



CHOICE FLOWER SEEDS—Continued.

CALLIOPSIS or **COREOPSIS** Very showy border plants, producing in great profusion, and for a long time flowers which are bright yellow and rich brown, either self-colored or with these colors and red contrasted. They are borne on long, graceful stems and very desirable for decorative purposes. Very hardy and profusely blooming annual; two to three feet high. Fine Mixed. Pkt., 5c.

CANARY BIRD FLOWER (*Tropaeolum Canariense*.) A beautiful climber with small, curiously shaped, canary colored blossoms. Will bloom freely until killed by frost. Tender annual, height about twenty feet. Oz., 35c; pkt., 5 cents.

CANDYTUFT Showy, branching plants; 12 to 15 inches high and bearing a profusion of beautiful flowers in a wide range of colors. Considered indispensable for cutting. Hardy annual.

Empress—The finest of all white varieties. Extra large flowering. Oz., 35c; pkt., 5c.

Fine Mixed—Oz., 20c; pkt., 5c.

CANNA (Indian Shot.) Crozy's varieties. Finest mixed. Oz., 20c; pkt., 5c.

CANTERBURY BELLS (*Campanula*.) Of easy culture, but preferring rich, moist soil.

Single Mixed—Oz., 25c; pkt., 5c.

Double Mixed—Oz., 75c; pkt., 5c.

GARNATION

Carnations are general favorites for their delicious fragrance and richness of color. They are indispensable, both for greenhouse culture in winter and for the garden in summer.

Giant (Malmaison)—Very large flowered, fine double magnificent, new, mixed. Pkt., 10c.

Fine Double Mixed—A good strain for outdoor culture. Pkt., 10c.

**MARGUERITE CARNATIONS**

These are deservedly the most popular Carnations with the amateur as they begin flowering very early. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double, beautifully fringed, highly scented flowers; with slight protection they will survive an ordinary winter and bloom freely the following spring.

Marguerite—The plants of this wonderfully fine strain may be made to bloom in four months. Flowers large, double, very fragrant and appear in very attractive shades of color. One of the best Carnations in cultivation.

Mixed Colors—Pkt., 5c.

Dark Red Perpetual—Pkt., 10c.

White Snowflake—Pkt., 10c.

CASTOR OIL BEAN (See *Ricinus*.)

CENTAUREA A hardy annual, embracing a number of species, some being grown only for their foliage.

Cyanus (Bachelor's Button, or Bluebottle, or Corn Flower)—Of easy culture. Sow the seed where it is to remain and thin to three or four inches. It will furnish a profusion of bright blue, purple, white or pink flowers, one to two feet high. Mixed. Oz., 20c; pkt., 5c.

Emperor William—Large blue. Oz., 20c; pkt., 5c.

Pure White—Pkt., 10c.

CENTAUREA GYMNOCARPA Sometimes called "Dusty Miller." Valuable because of its silvery foliage and graceful drooping habit of growth. Half hardy perennial, 1/2 to 2 feet high. Oz., 65c; pkt., 10c.

CHRYSANTHEMUM (Annuals.) Finest mixed. Pkt., 5c; (Perennials), finest mixed. Pkt., 10c.

CLARKIA Beautiful, hardy annuals with rose-colored white and purple flowers, in delicate but very brilliant shades. About one and one-half to two feet high and profuse bloomers. Mixed double. Pkt., 5c.

CLEMATIS A popular hardy perennial climber. An old favorite and justly so, for there are few garden climbers that give more satisfaction. Large flowered, mixed, Pkt., 10c.

Verticillata—A slender but vigorous climber, from 10 to 15 feet high, with clusters of small, white, fragrant flowers. Pkt., 10c.

Recta—Blue. Pkt., 10c.

COBAEA SCANDENS A half hardy climbing annual, with large leaves and large bell-shaped flowers. Blossom is green until nearly grown, when it turns bright purplish blue. Grows about 30 feet high and is very desirable for covering a large lattice. A native of Mexico. Pkt., 10 cents.

COCKSCOMB (*Celosia Christata*.) Dwarf mixed. Several shades of red and yellow, mixed. Oz., \$1.75; pkt., 10 cents.

Dwarf New Giant Empress—A rich, crimson variety, with dark foliage and very wide combs. Pkt., 10c.

Feathered (Plumosa)—Pkt., 5c.

COLEUS Probably the best known and most popular of ornamental foliage plants. Leaves are of many shades of color and have a rich, velvety appearance. No lawn should be without these decorative plants. Tender perennial. Finest hybrids mixed, extra choice. Pkt., 25c.

COSMOS A hardy annual, with fine-cut, feathery foliage, and large, showy blossoms in rose, crimson, pink and white. 5 to 8 feet high.

Early Flowering, Mixed—The usual Cosmos colors in mixtures. Oz., 30c; pkt., 5c.

Klondyke—Golden yellow, flowers borne are long stems and measure from 2 1/2 to 3 1/2 inches across. Oz., 40c; pkt., 5c.

Hybrida—Giant White. Oz., 40c; pkt., 5c.

Hybrida—Giant Pink. Oz., 40c; pkt., 5c.

Hybrida—Giant Mixed. Oz., 35c; pkt., 5c.

CYPRESS VINE (*Ipomoea Quamoclit*.) A climbing annual, with soft fern-like foliage and small star-like flowers, in scarlet or white blossoms. About 15 feet high.

Scarlet—A very deep, rich shade. Oz., 25c; pkt., 5c.

White—Clear paper white. Oz., 25c; pkt., 5c.

Mixed—The two colors above. Oz., 25c; pkt., 5c.



Cosmos

CHOICE FLOWER SEEDS—Continued.

DAHLIAS Fine single mixed. Pkt., 15c.
Fine Double Mixed—Pkt., 15c.



Dahlia

DAISY (Shasta.)—A general mixture saved from a large number of extra choice hybrids and certain to produce a large number of varieties of great merit. Pkt., 10 cents.

DATURA (Trumpet Flower.)—Ornamental annuals, with large and showy flowers, making handsome plants. 2 to 3 feet high. Mixed, large double flowers of various colors. Pkt., 5c.

DIANTHUS OR PINKS

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

Chinensis Fl. Pl. (China or Indian Pink)—Blossoms in clusters, flowers very double and in a large range of colors. ¼ oz., 15c; pkt., 5c.

Imperialis Fl. Pl. (Double Imperial Pink)—Double mixed, in a very large range of colors. Per ¼ oz., 25c; pkt., 5c.

Heddewigi (Japanese Pink)—Finest single mixed. Pkt., 5c.

Plumarius (Grass Pink, Pheasant Eye or Scotch Pink)—A single hardy perennial Pink with fringed edge, light colored flowers with a darker center, various colored. The old-fashioned garden favorite. Pkt., 5 cents.

DIMORPHOTHECA AURANTIACA A rare and extremely showy annual Daisy from South Africa, introduced last year, and which seems to suit our climatic conditions perfectly and we look for it to become a permanent and popular favorite. The bushy plants grow 12 to 15 inches high. The flowers which are 2½ inches and over across, are a unique, rich, glossy orange gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seeds may be sown in the same way as Asters or Petunias and should have a sunny position. They bloom the greater part of the summer and fall. Per pkt., 25c.

EVENING GLORY (Bona Nox.)—Rosy lilac flowers, expanding in the evening; of very rapid growth. Oz., 25c; pkt., 5c.

EUPHORBIA VARIEGATA A foliage plant sometimes known as "Snow on the Mountain." The leaves are veined and margined with white. Sow seed in open ground early in spring in a sunny situation. Hardy annual; about two feet high. Per pkt., 5c.

FORGET-ME-NOT (Myosotis.) Blue, oz., 50c; pkt., 5c; White, pkt., 5c; Rose, pkt., 5c; Mixed, pkt., 5c.

FOUR O'CLOCK (Marvel of Peru.) Splendid mixed. Hardy annual. Two feet high. Oz., 15c; pkt., 5c.

FOXGLOVE (Digitalis.) Fine Mixed. Oz., 25c; pkt., 5c.

GAILLARDIA (Blanket Flower.) A very showy garden plant, with brilliant flowers in scarlet and yellow, blended and shaded. Hardy annual. One to one and one-half feet high. Oz., 20c; pkt., 5c.

GERANIUM A half-hardy perennial, flowering the first year from seed if sown early. A popular flower in brilliant colors, and variously fragrant and ornamental foliage. Grows easily from seed.

Scarlet Mixed (Zonale)—The seed we offer will produce a large percentage of double flowers in many beautiful shades of scarlet and red. Pkt., 25c.

CERBERA JAME-SONI GIGANTEA

(Transvaal Daisy.) This sensational new plant has recently been introduced from South Africa and should be in every garden. It is a herbaceous perennial and grows in heavy clumps. The leaves are about one foot long and deeply cut. The stems are long and stout, growing erect, about eighteen inches high and bearing a large, daisy-like blossom similar in shape to a Marguerite, but of an intense vermilion color. The blossoms measure from 3 to 4 inches in diameter and are beautiful and last well when cut. The plant is easily grown from seed when planted in the spring. Sow seed in boxes in clear sand mixed with leaf mold and cover about one-eighth inch deep. Plant with the fuzzy end of the seed just above the ground, being careful not to break it off. Do not overwater. They transplant easily to the garden and want a well-drained soil, as they do best in a rather dry situation. Be sure to give the plants an airy, sunny place in the garden and a little protection on frosty nights. Per packet of 25 seeds, 35c.



Gerbera



A RARE AND EXQUISITE NOVELTY



Dimorphotheca

CHOICE FLOWER SEEDS—Continued.

GLOBE AMARANTH, OR GOMPHRENA A low growing, hardy annual, everlasting, or straw flower, about eight inches high, with globe-shaped flowers, in red or white. Mixed. Oz., 25c; pkt., 5c.

GLOXINIA A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrive in an equal mixture of peat, loam and sand.

Hybrida Grandiflora—An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts. Pkt., 25c.

GODETIA An attractive hardy annual, deserving more extensive cultivation. One foot high. Fine mixed. Pkt., 5 cents.

GOURDS Some varieties, besides being odd, are very ornamental. Annuals, 10 to 20 feet high.

Mixed Ornamental Varieties—Oz., 20c; pkt., 5c.

Dish Cloth, or Loofah—The inside lining resembles a sponge, very useful. Oz., 25c; pkt., 5c.

Dipper—Can readily be made into a dipper. Oz., 25c; pkt., 5c.

Nest Egg—These resemble a hen's egg and are frequently used for nest eggs. Oz., 25c; pkt., 5c.

Sugar Trough—Useful for baskets or buckets, holding from two to ten gallons each. Pkt., 5c.

Hercules—The largest of all the varieties. Oz., 25c; pkt., 5c.

Orange—Also known as Mock Orange. Oz., 25c; pkt., 5c.

GYPSOPHILA (Baby's Breath.) A hardy annual of easy culture. Covered with small star-shaped flowers. Well adapted for hanging baskets or edgings. 6 to 10 inches high. Mixed. Pkt., 5c.

HELIANTHUS (Sunflower.) Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

Globe or Dahlia Sunflower—This variety produces very large, exceedingly double flowers often six to eight inches in diameter and of bright yellow color. The plants are about 5 feet high. Oz., 15c; pkt., 5c.

HELICHRYSUM (Everlasting Flower.) A free flowering, hardy annual, growing four to five feet high and bearing beautiful straw-like flowers in a great variety of shades and colors. The stems are long and the blossoms large. It is the best and most satisfactory of the everlasting flowers and makes a very handsome dried bouquet. Mixed. Pkt., 5c.

HELIOTROPE Highly valued for the fragrance of its flowers and duration of blooms. 1½ to 2 feet high.

Dark Varieties—Very choice mixed. Oz., \$1.25; pkt., 5c.

HIBISCUS AFRICANUS A vigorous branching plant of easy culture, with pretty foliage and large, light yellow or cream colored blossoms, purple in the center. The flowers are exceedingly showy; not of very long duration, but continue to bloom from early summer until October. The seed should be planted early, and the plants should be thinned to one foot apart each. Hardy annual; about two feet high. Oz., 20c; pkt., 5c.

HOLLYHOCK Hollyhocks make a fine row in the garden, or a fine background next to a building or high wall or fence. Hardy perennial. 5 feet high.

Double German—Finest Mixed. Oz., \$1.00; pkt., 5c.

Single Mixed—Oz., 75c; pkt., 5c.

HONEYSUCKLE The dear old Honeysuckle is never out of place, at the rich man's mansion or the poor man's cottage. For a cheap, hardy, robust, yet lovely vine, it is the chief standby.

Coronarium—Red. Pkt., 5c.

Coronarium Albo—White. Pkt., 5c.

LINUM, OR SCARLET FLAX A hardy annual about one and one-half feet high. Oz., 20c; pkt., 5c.

HYACINTH BEAN A fine climber with clusters of purple and white flowers followed by ornamental seed pods. Tender annual from 10 to 20 feet high.

Mixed Colors—Oz., 15c; pkt., 5c.

Alba—White. Oz., 15c; pkt., 5c.

Purpurea—Purple. Oz., 15c; pkt., 5c.

JAPANESE HOP, OR HUMULUS A rapid-growing, hardy, climbing annual, with dense leaves. 15 to 20 feet high.

Japonicus—Bright green foliage. Oz., 35c; pkt., 5c.

JAPANESE KUDZU VINE It comes from Japan, the land so productive of curious and ornamental flowers. It is a beautiful climber, remarkable for its great vigor of growth and its handsome flowers. The blossoms are large and in panicles somewhat like Wistaria, but larger in size and with better clusters. The color is of a pleasing shade of purple. The foliage is luxuriant, somewhat like the leaf of a bean. The vine is extremely rapid and dense in growth, making the Japanese Kudzu Vine of great value where a quickly produced shade is wanted. Hardy perennial. Pkt., 15c.

LANTANA A tender perennial, two to three feet high, bearing verbena-like clusters of flowers, in orange, white, rose and other colors. Blooms constantly all summer. Fine mixed. Oz., 30c; pkt., 10c.

LARKSPUR (Delphinium.) The Larkspur is one of the handsomest and most useful of plants and for large gardens is invaluable.

Double Dwarf Rocket—Mixed. Beautiful spikes of double flowers in many shades. Hardy annual. 1 foot high. Oz., 20c; pkt., 5c.

Double Tall—Flowered Mixed. Flowers double. Borne on spikes about 15 inches long. Colors rose, white and shades of blue. Hardy annual. 2 feet high. Oz., 20c; pkt., 5c.

LOBELIA A very useful genus of plants of easy culture and well adapted for bedding, pots or rockeries. Usually about 6 inches high.

Emperor William—A very fine, compact variety, with intensely blue flowers. Oz., \$1.75; pkt., 5c.

Queen of Whites—Pure white flowers. Pkt., 10c.

Finest Mixed—Pkt., 5c.

LOVE-IN-A-MIST (See Nigella.)

LUPINUS OR LUPINS Hardy native California annuals in great variety, growing from one to three feet high and bearing spikes of pea-shaped flowers. Of the easiest culture. Sow in the open ground and thin to six inches apart.

Dark Blue—Long racemes of beautiful blue flowers. Pkt., 5c.

Mixture of all Colors—Pkt., 5c.

MARIGOLD No flower garden is complete without this fine old fashioned plant. The African varieties are tall, usually about 3 feet, while the French are more dwarf. Hardy annual, bloom until frost.

African—Double Mixed. Very early and a profuse bloomer of very compact habit. Oz., 30c; pkt., 5c.

French—Double Dwarf Mixed. Brown and golden yellow; very double; valuable for bedding. Oz., 30c; pkt., 5c.

Gold Edged—Flowers brown, red with golden yellow edge. Very useful and effective for edgings and low beds. Pkt., 5c.



Marigold

CHOICE FLOWER SEEDS—Continued.

MATRICARIA (Feverfew.) White double; desirable for bedding. Half hardy annual. Pkt., 5c.

MAURANDIA (Giant Flowering.) Beautiful climber, for either garden or greenhouse decoration and for hanging baskets; gemmed with Gloxinia shaped flowers of rich purple, white and rose, fully double the size of the older, well known sorts. The plants from seed sown in the spring will begin flowering by July and continue until frost. Mixed colors. Pkt., 10c.

MESEMBRYANTHEMUM Dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy or sandy soil, requiring a warm, sunny situation; half hardy annuals; 6 inches.

Crystallinum (Ice Plant)—Flowers white; prized for its singular icy foliage. Pkt., 5c.

MEXICAN FIRE BUSH (Kochia Trichophylla.) A quick growing foliage or hedge plant. The foliage is as fine as moss and of bright green color. In the early fall innumerable little flowers appear and the whole bush gradually takes on a deep-red tinge. Hardy annual. About 2½ feet high. Oz., 40c; pkt., 5c.

MIGNONETTE A well known hardy annual producing dense spikes of exceedingly fragrant flowers. Seed sown in autumn will bloom early in the following spring. One foot high.

Large Flowering—Large flowered sweet. Oz., 15c; pkt., 5c.

Victoria—Dark red blossoms, very desirable. Pkt., 10 cents.

MIMOSA (Sensitive or Humble Plant.)

Pudica—Curious and interesting annuals, with pinkish white flowers; the leaves close and droop when touched or shaken. 1½ feet high. Pkt., 5c.

MOMORDICA Gracefully climbing vines with small yellow blossoms, followed by fruits of curious shape. Annual; 10 feet high.

Balsam Pear—The fruit is pear-shaped and has a warty skin; when ripe it bursts open and shows a brilliant interior of large carmine seeds. Pkt., 5c.

Balsam Apple—Like Balsam Pear, but the fruit is smaller and nearly round. Oz., 25c; pkt., 5c.

MOON FLOWER (Ipomoea Grandiflora Alba.) Will grow thirty to forty feet in a single season and be covered with its large, white flowers every evening and cloudy day. Annual. Oz., 60c; pkt., 10c.

MORNING GLORY (Convolvulus Major.) A hardy climbing annual, growing about ten feet long. Flowers are well known and exist in a great variety of colors, tints and markings.

Tall, or Climbing Varieties—Mixed. Oz., 15c; pkt., 5c.

Dwarf, or Bush Varieties (Convolvulus Minor)—Mixed. One foot high. Oz., 15c; pkt., 5c.

Mixed Imperial Japanese—Flowers of immense size. Oz., 25c; pkt., 5c.

MOURNING BRIDE (Scabiosa or Sweet Scabious.) This is one of the most attractive of the old fashioned flowers. Its great abundance and long succession of richly colored, fragrant blossoms borne on long stems make it one of the most useful decorative plants of the garden. Hardy annual, 12 to 18 inches high.

Mixed Colors—Oz., 20c; pkt., 5c.

MUSK PLANT (Mimulus Moschatus.) Cultivated on account of its musky odor. Oz., \$2.00; pkt., 5c.

NASTURTIUM Few plants are more easily grown or remain longer in bloom.

Dwarf Varieties, Mixed—A splendid mixture of many varieties. Oz., 10c; pkt., 5c; ¼ lb., 25c; lb., 85c.

Tall, or Climbing Varieties—Splendid mixture. Oz., 10c; pkt., 5c; ¼ lb., 25c; lb., 85c.



Nasturtium

NEMOPHILA (Love Grove.) A delicate, attractive, hardy annual; six inches high. Mixed. Oz., 25c; pkt., 5c.

NIGOTIANA Handsome garden plants of the tobacco family. Half hardy annual. 3 feet high.

Affinis—Flowers large, white and fully expanded only in evening or cloudy days. Very fragrant. Oz., 30c; pkt., 5c.

NIGELLA, OR LOVE-IN-A-MIST A hardy annual, one foot high, with finely cut foliage.

Damascena—Double blue flowers. 1½ to 2 feet high. Oz., 20c; pkt., 5c.

NOLANA Trailing annual plants with pretty blue flowers that only require sowing in early spring in the open border. Mixed colors. Pkt., 5c.

ONOTHERA OR EVENING PRIMROSE A half hardy annual and perennial, about six inches high, bearing bright, showy flowers in white, pale yellow, rose, etc. Of the easiest culture. The blossom is fully expanded only late in the afternoon.

Annual Varieties—Mixed. Pkt., 5c.

OXALIS Very pretty, herbaceous plants with richly colored blossoms.

Rosea—Rose colored. Pkt., 10c.

White—Pkt., 5c.

PASSION FLOWER (Passiflora.) A half hardy perennial climber, shedding its leaves in winter. Grows luxuriantly either from cuttings or seed. A very satisfactory climber for immense growth as it will cover a porch or cottage in one summer.

Coerulea—Half hardy, deciduous climber with blue and white flowers of remarkable beauty. Pkt., 10c.

PEAS, EVERLASTING (Lathyrus Latifolius.) A hardy perennial climber, producing for many weeks a succession of blossoms in clusters of eight to ten each. Only a few flowers can be expected the second season, but in the third and fourth, the plants being then well established, an abundance of foliage and blooms is afforded. The plants die down late in the fall and start again in the spring. Sow seed in open ground.

Mixed—White, rose and purple. Oz., 25c; pkt., 5c.

CHOICE FLOWER SEEDS—Continued.



Pansy

PANSIES Cultivation: Pansies do best in very rich moist soil and cool, moist atmosphere. A situation sheltered from high winds and exposed to the morning sun is most favorable and frequent sprinklings are advantageous. Seed will not germinate if ground is excessively hot, therefore, if planted in September or October, must be planted in boxes and kept in a cool place.

Good Mixed—Pkt., 5c.

Giant Trimardeau—Finest Mixed. Pkt., 10c and 25c.

Prize Show Varieties—Mixed. Pkt., 10c; oz., \$3.00.

Extra Choice German Imperial—Specially imported for our trade. Pkt., 25c.

Yellow with Dark Center—Pkt., 10c and 25c.

King of the Blacks—Almost coal black. Pkt., 10c and 25c.

Golden Yellow—Pure. Pkt., 10c and 25c.

Azure—Blue. Pkt., 10c and 25c.

Snow Queen—White. Pkt., 10c and 25c.

Victoria—Magnificent red. Pkt., 10c and 25c.

Lord Beaconsfield—Purple violet, shading off to a light blue. Pkt., 10c and 25c.

PETUNIA Petunias are unsurpassed for massing in beds. Their richness of color, duration of bloom and easy culture will always make them popular.

Pure White—Desirable for cemetery beds, or where large masses of white are wanted. Grows 12 to 15 inches high. Pkt., 10c.

Illustris—Carmine, rose, beautiful. Pkt., 10c.

Fine Mixed—Flowers in excellent variety of markings. Oz., \$1.00; pkt., 5c.

Double Mixed—A good percentage of double flowers. Pkt., 25c.

Large Flowering—Choicest large flowered mixed. 1-16 oz., \$1.00; pkt., 10c.

Purpurea—Large, single flowers of an exceedingly rich, dark purple color. A vigorous and very persistent bloomer and there are few garden plants that will make so satisfactory a display. Pkt., 10c.



Petunia

PHLOX (Grandiflora.)

DRUMMONDII A hardy annual, growing six inches to one foot high and bearing beautiful, soft-petaled and brilliantly colored flowers all spring and summer.

Brilliant Scarlet—Oz., 90c; pkt., 10c.

Pure White—Oz., 90c; pkt., 10c.

Splendens—Bright red with white eye. Oz., 90c; pkt., 10c.

Yellow (Isabellina)—Soft Primrose. Oz., 90c; pkt., 10 cents.

Fine Mixture—Of all colors of the larger types. Oz., 75c; pkt., 5c.

Starred and Fringed—Mixed. A mixture of star-shaped and pointed blossoms. Oz., 90c; pkt., 10c.

Hardy Perennial Phlox—Pkt., 10c.



Phlox

Poppy

(Papaver.)

A hardy annual, 3 to 5 feet high; bearing single and large double blossoms in bright colors. Sow seed in open ground where the plants are to remain and thin to 6 or 12 inches. If left thick the plants will be weak and spindling and the blossoms inferior. To avoid getting the seed too thick, it can be mixed with dry sand before sowing.

SINGLE ANNUAL POPPIES

Shirley—The most beautiful type of Poppies having soft, hairy foliage, and an immense variety of single blossoms in white, pink, lavender, purple shades of red and scarlet. The petals are very dainty and look as if made of crepe paper. Free blooming and fine for bedding or tall border. Mixed. Pkt., 5c; oz., 50c.

Tulip Flowered—Intense scarlet, single blossoms. Plant about two and one-half to three feet high. The brightest colored of all Poppies. Pkt., 5c; oz., 50c.

Admiral—A single Paeony-flowered variety of surpassing beauty, having large, smooth edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a very striking contrast and when planted in groups produce a magnificent effect. Pkt., 10c; ¼ oz., 25c.

The Bride—A beautiful variety, with very large, pure white, perfectly formed flowers. Pkt., 5c; oz., 25c.

Splendens—Brilliant rose, striped with white. Per pkt., 5c.

English Scarlet—The common scarlet Field Poppy. Oz., 40 cents.

DOUBLE ANNUAL POPPIES

Mikado (The Striped Japanese Poppy)—This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt., 5c; oz., 25c.

Carnation Flowered—Splendid double fringed flowers. Mixed colors. Pkt., 5c; oz., 20c.

White Swan—Immense double flowers, beautifully fringed and of purest white. Pkt., 5c; oz., 25c.



CHOICE FLOWER SEEDS—Continued.

Orientele (The Large Oriental Poppy)—A charming summer flowering, hardy plant, producing numerous leafy stems about 2½ feet high, with large deep crimson flowers, having a conspicuous black blotch on each petal; exceedingly showy. Pkt., 10c; ¼ oz., 25c.

PORTULACA (Moss Rose or Sun Plant.) Low-growing or creeping, tender annual, about 9 inches high.

Single—Large flowering, mixed. Oz., 35c; pkt., 5c.

Double—Large flowering, mixed. Oz., \$2.75; pkt., 10c.

PYRETHRUM Handsome herbaceous plants of easy culture and becoming more popular as they become better known.

P. Aureum is the well known Golden Feather so much used for edging, carpet bedding, etc., while the others are most attractive hardy plants.

Aureum (Golden Feather)—Yellow foliage. Pkt., 5c; ¼ oz., 20c.

RICINUS, OR CASTOR OIL BEAN Ornamental plants of stately growth and picturesque foliage.

Zanzibariensis—A distinct class, which surpasses in size and beauty all the varieties hitherto known. 10 to 15 feet high. Oz., 15c; pkt., 5c.

SALPIGLOSSIS Large flowering, finest mixed. Half hardy annual; about two feet high. Oz., 50c; pkt., 5c.

SALVIA SPLENDENS (Scarlet Sage.) The plants are fairly covered with long spikes of vivid scarlet flowers. Tender, perennial, 1½ to 3 feet high. Oz., \$2.00; pkt., 10c.

STOCKS (Ten Weeks' Stocks, or Gilliflowers.) Hardy annuals, two feet high, with spikes densely covered with beautiful, double flowerets.

White Perpetual (Princess Alice, or Cut-and-Come-Again)—Pure white sort, producing an endless number of double flower clusters. Oz., \$2.75; pkt., 10c.

Large Flowering Dwarf—Mixed. Choice double, large flowering. Oz., \$1.00; pkt., 5c.

Sweet Peas

CULTIVATION: For best results they should be sown in November or December. Dig a trench 4 inches deep in rich mellow soil, plant the seed and cover them 2 inches. When plants are about 2 inches high, cultivate and as they grow gradually fill up the trench. Water applied thoroughly once a week is advisable. The flowers should be picked before they form pods or the plants will soon stop flowering. Apply stable manure and bone meal when four to six inches high.

Extra Select Mixture—This mixture met last season with the unstinted praise of our numerous customers. We have again carefully selected the varieties and added many new ones to it.

Prices, postpaid, oz., 15c; pkt., 5c; ¼ lb., 50c; lb., \$1.50.

Sweet Peas in Separate Shades of Color—Pink Shades. Red and Scarlet Shades. Striped Sorts. Pink and White. Lavender Shades. Blue and Heliotrope Shades. White Sorts.

Postpaid prices of the above: Oz., 15c; pkt., 5c; ¼ lb., 50c; lb., \$1.50.

New Sweet Pea, Countess Spencer—In our mixture of this new class will be found deep pink, light pink, orange pink, white with pink edging. Every lover of Sweet Peas should plant our Countess of Spencer Mixture. Oz., 20c; pkt., 10c; 2 ozs., 30c; ¼ lb., 50c, postpaid.

Everlasting (Lathyrus Latifolius)—A hardy perennial climber, producing for many weeks a succession of blossoms in clusters of eight to ten each. Only a few flowers can be expected the second season, but in the third and fourth, the plants then being well established, an abundance of flowers and foliage is afforded. The plants die down late in the fall and start again in the spring.

Mixed—White, rose and purple. Oz., 25c; pkt., 5c.

SWEET SULTAN (Centaurea Odorata.) An old-fashioned hardy annual, about 18 inches high, with long stemmed, sweet scented, light blue or purple flowers. Pkt., 10c

SWEET WILLIAM (Dianthus Barbatus.) Unsurpassed for massing beds or borders. 2 feet. Hardy perennial.

Fine Single Mixed—Beautifully shaded and marked. Oz., 25c; pkt., 5c.

Fine Double Mixed—Splendid strain. All colors. Oz., 50c; pkt., 5c.



TORENIA A hardy annual, with trumpet-shaped flowers and growing four to six inches high, in bloom all summer. Good for hanging baskets or borders or for bedding.

Fournieri—Velvety blue, with three dark spots of indigo and a bright yellow throat. Pkt., 5c.

THUNBERGIA (Black-eyed Susan.) Beautiful, rapid growing annual climbers, preferring a warm sunny situation, used extensively in hanging baskets, vases, low fences, etc.; very pretty flowers in buff, white orange, etc., with dark eyes; mixed colors. 4 feet. Pkt., 10c; ¼ oz., 25 cents.

VIOLET, OR VIOLA ODORATA Although these flowers do best propagated from the cuttings, they grow readily from seed, and produce a very fragrant blossom. We offer the large flowering favorite blue variety. Single, sweet-scented. Pkt., 10c.



Vinca



Verbena

VERBENAS

Mammoth Mixed—A strain of large flowering Verbenas unrivaled in size and its great variety of beautiful colors. Pkt., 10c.

Mammoth White—Oz., \$1.25; pkt., 10c.

Mammoth Striped—Oz., \$1.25; pkt., 10c.

Mammoth Purple—Oz., \$1.25; pkt., 10c.

Mammoth Scarlet—Oz., \$1.25; pkt., 10c.

Mammoth Blue—Oz., \$1.25; pkt., 10c.

Hybrida, Extra Fine Mixed—1-8 oz., 15c; pkt., 5c.

VINCA Highly ornamental, free-flowering, compact evergreen shrubs, with shining green foliage and handsome circular flowers. 1½ feet high.

Pure White—Beautiful pure white. Oz., 75c; pkt., 5c.

Rosea Alba—White with crimson eye. Oz., 75c; pkt., 5c.

Rosea—Rose with crimson eye. Flowers are often 2 inches in diameter. A very desirable window plant. Oz., 75c; pkt., 5c.

CHOICE FLOWER SEEDS—Continued.



Zinnia

WALLFLOWER A plant much esteemed for its rich, fragrant flowers. Tender perennial. 1½ feet high.

Double—Finest mixture. Oz., \$2.50; pkt., 10c.
Single—Mixed. Oz., 25c; pkt., 5c.

WILD CUCUMBER (*Eclunocystis Lobata.*) This is a useful climber where a rapid and vigorous growth of vine is desired. The vine has abundant foliage, is thickly covered with white, fragrant flowers, followed by numerous prickly seed pods. Usually the plants are produced from year to year by self-sown seed. Hardy annual. Pkt., 5c; oz., 20c.

WISTARIA Chinese flowering, tall blue; one of our most popular hardy climbers, growing to a height of fifty feet. The flowers are abundantly borne in spring on long drooping racemes of light blue before the leaves appear. Pkt., 15c.

XERANTHEMUM (Everlasting Flower.) A hardy annual about two feet high, and bearing white, purple and yellow blossoms. Leaves are covered with a silvery down. Double mixed. Pkt., 5c.

ZINNIAS Like Balsams or Petunias, these can be raised to flower by August, if sown in the open ground. Half hardy annual. 1½ feet high.

Double Dwarf Mixed—Oz., 50c; pkt., 5c.

Double White—Oz., 50c; pkt., 5c.

Double Red—Oz., 50c; pkt., 5c.

Double Lilac—Oz., 50c; pkt., 5c.

Doubled Striped—Oz., 50c; pkt., 5c.

Reichardt & Schulte Co.'s RELIABLE BULBS

To succeed with bulbs it is necessary to begin right, by getting sound bulbs of good size, and we would warn intending purchasers against buying cheap, undersized bulbs and expect the fine results obtained from such as we offer. We supply our needs in bulbs from the best sources in this country as well as abroad only; therefore, our esteemed customers and friends can rest assured being supplied with the choicest stock our leading growers can produce.

A Few Cultural Hints

WHEN TO PLANT To the beginner we would like to impress the fact that autumn and not springtime is the time to plant all kinds of spring flowering bulbs. The best suitable time to plant fall bulbs is any time from the 15th of September on up to the 15th of December, and the sooner they are planted the greater will be the measure of success, especially those for indoor culture; therefore, order early.

OUTDOOR CULTURE As a general rule bulbs should be planted in October and November, so that the roots may have a chance to make a good growth. They require a fairly rich soil that has been well matured for previous crops, or else apply well-rotted manure or bone meal; green manure is of injurious effect to bulbs. The soil must be well drained, as no good results can be obtained without drainage. In planting the bulbs should be placed from 1 to 3 inches below the surface, according to the size of the bulb. A good rule to go by is to cover the bulbs with soil one and a half times their own depth. In case of frost the bulbs should be protected by means of covering with leaves or litter, which should

be removed in early spring. After flowering, take up the bulbs, tops and roots, and "heel in" in some corner of the garden until the bulbs mature, after which they should be spread out in an airy room to dry, and kept in a cool, dark place until time for replanting the following fall.

INDOOR CULTURE Bulbs intended for blooming during the winter can be planted from September until November—the earlier the better—in pans, pots or boxes. After planting place them in a cool, dark place, watering occasionally. The whole success of pot culture depends upon getting the roots well established in the pots at a low temperature of about 40 to 50 degrees, before beginning to force the tops at 60 degrees or over. After this the bloom is easily developed by giving light and water and one can have a supply of flowers from Christmas until after Easter by regulating the time of bringing them to the light. A light, rich soil, with a mixture of well-rotted cow or sheep manure is most suitable. Use a 4 or 5-inch pot, and have the tops of the bulb just above the surface.

BULBS—Continued.

HYACINTHS.



The Hyacinth is so well known and esteemed that it is unnecessary to give any detailed description of its many good qualities. Their wax-like, bell-shaped flowers, borne in upright spikes or trusses, are of unexcelled beauty and delightfully fragrant. Colors, shades and tints are wonderfully varied from purest white through blush pink and rose, etc., to deepest red, and from the most tender porcelain through blues to black purple, and from cream through yellow to orange, etc. They succeed with everyone and may be had in flower throughout the winter and spring.

SINGLE DUTCH HYACINTHS We consider the Single Hyacinth more useful and valuable than the double varieties. They are better for forcing, more vigorous in growth and produce stronger spikes of bloom, which are generally of better substance and are at least as beautiful as those of the double sorts.

Choice varieties in separate colors.

- Single Pure White.
- Single Rose and Pink.
- Single Red.
- Single Light Blue.
- Single Dark Blue.
- Single Yellow.
- Single Blush White.

By express, each, 5c; 50c per dozen; if wanted by mail add 10c per dozen.

DOUBLE DUTCH HYACINTHS Our Double Hyacinths are of a high grade, and can be depended upon to produce double flowers in a proportion unequalled by inferior grades; however, it is well known that there is always in the double varieties a tendency to produce single flowers

Choice varieties in separate colors.

- Double Pure White.
- Double Rose and Pink.
- Double Red.
- Double Light Blue.
- Double Dark Blue.
- Double Yellow.
- Double Blush White.

By express, 3 for 25c; dozen, 75c; if wanted by mail, add 10c per dozen.

EARLY FRENCH ROMAN HYACINTHS The flowers, while smaller than those of Dutch Hyacinths, yet are produced in much greater abundance—each bulb bearing several very graceful flower spikes. The delicious perfume, earliness and profusion of bloom have made them very popular. The best effect is produced by planting four to five bulbs in one medium-sized pot. They can also be planted outdoors, but are most valuable for early planting in the house.

Early White Roman—5c each; 50c per dozen. If wanted by mail, add 10c per dozen.

TULIPS.

The Tulip is always attractive from its beauty and brilliancy of color and is one of the popular early spring flowers. A few bulbs scattered here and there produce but little effect, but when planted in masses or in small groups, they become at once grand and brilliant and exceed in coloring and effect almost any other flower. The culture of Tulips is the same as that of Hyacinths, except that the bulbs should be planted about three inches deep and three to six inches apart; they are perfectly hardy and only slight protection will be necessary.

Single Mixed—25c per doz.; \$1.50 per 100, by express.

Double Mixed—25c per doz.; \$1.50 per 100, by express.

If wanted by mail, add 5c per dozen and 35c per 100 for postage.

NARCISSUS OR DAFFODILS.

Among spring-flowering bulbous plants the Narcissus family is one of the most important. Nothing can excel the beauty and chastity of their blooms, and they have the advantage of being good for an unlimited number of seasons. They are perfectly hardy and should be given the same treatment as recommended for Hyacinths, either for indoor or outdoor cultivation.

EMPEROR One of the largest and finest Daffodils in cultivation, pure yellow trumpet of immense size and wide, overlapping rich primrose perianth. For bedding and growing in pot in the house it is unequalled. 5c each; 50c per doz.

EMPRESS Of strong, robust growth, with fine, large flowers; the perianth snow white, trumpet rich yellow, serrated and fringed at the edges; one of the best bicolors. 5c each; 50c per doz.

VICTORIA A new variety, perianth creamy white, trumpet rich yellow, delicately perfumed; unsurpassed for pot culture and always satisfactory for out-of-doors. 5c each; 50c per doz.



BULBS—Continued.

TRUMPET MAJOR A large and shapely flower of rich yellow color throughout. Comes into bloom early and is excellent for forcing and bedding. 5c each; 50c per doz.

VAN SION The old well known Double Yellow Daffodil. Large double golden yellow. Extra fine for forcing and outdoor culture. This is the true double trumpet shaped variety so largely used for cut-flowers. 5c each; 50c per doz.

PAPER WHITE GRANDIFLORA Produces large trusses of bloom of the purest snow white, largely used for cut flowers. One of the best known of the bunch flowered Narcissus or Polyanthus. Like the Chinese Sacred Lily it may be grown in water in a bowl with a few pebbles to keep the bulbs in place. 25c per doz.

NOTE:—If Narcissi are wanted by mail, add 10c per dozen for postage.

JONQUILS.

A species of Narcissus with fragrant flowers, which are produced in great abundance, suitable for house and garden culture; requires the same treatment as Narcissus. They are perfectly hardy and can be grown in water like Chinese Sacred Lilies.

Single Sweet-Scented—Rich, buttery yellow; not as large a flower as the others, but most fragrant and very free flowering. 15c per doz.; \$1.00 per 100.

Double Sweet-Scented—Full double, golden yellow, highly fragrant. 30c per doz.; \$2.25 per 100.

CROCUS.

The Crocus is one of the earliest flowers of spring and occupies a prominent place in every garden. To bring them to highest perfection they should be grown in an open bed or border, on deep, rich, sandy loam. The Crocus is invaluable for pot culture and can also be grown in water in bowls like Chinese Sacred Lilies.

We offer the following colors of extra selected bulbs:

Golden Yellow. 15c per doz.; 75c per 100.

Blue and Purple Shades.

Striped and Variegated Sorts.

White Sorts.

All colors mixed.

Price of any of the above, except yellow, 10c per doz.; 60c per 100.

If wanted by mail, add 10c per 100 for postage.

CHINESE SACRED LILY.

(Joss Flower, or Flower of the Gods.)

The flowers of this variety of Polyanthus are of a satiny white color, with very fragrant golden cups. They are of exquisite beauty and entrancing perfume. The bulbs of large size and great vitality, are of luxuriant growth, producing several spikes of flowers. Only a short time is required to bring bulbs into bloom (four to six weeks), succeeding almost everywhere. Being partially aquatic, this plant must have plenty of water, and should be grown in bowls or dishes of water. Put an inch or two of sand and gravel in the dish in which they are to be grown, set the bulbs on this and put enough gravel or shells around them to keep them from falling over; fill the dish with water and put in a dark place for a few days until the roots start freely, then bring them to the light.

Price, 10c each; \$1.00 per doz. If wanted by mail, add 25c per dozen for postage.

BERMUDA EASTER LILY.

(Lilium Longiflorum Harrisii.)

The flowers of this Lily are delightfully fragrant, pure waxy-white, of great substance, long and trumpet-shaped. They are undoubtedly the best for winter forcing, as it comes quickly into bloom.

Large bulbs measuring 7 to 9 inches in circumference and producing 5 to 10 flowers, 20c each; \$2.00 per doz. If ordered to be sent by mail, add 25c per dozen for postage.

LILIUM CANDIDUM.

The peerless white Lily, queen of the garden, also called Annunciation or Madonna Lily. The flowers are pure snow white and very fragrant, borne on long stems. It grows 3 to 4 feet high, very hardy and thrives best if it can remain undisturbed for years in good garden soil. Flowers in May.

Selected Mammoth Bulbs, 20c each; \$2.00 per doz. If ordered by mail, add 25c per dozen for postage.

CALLA LILIES.

WHITE CALLA OR LILY OF THE NILE Is a well known plant of easy culture. To aid profuse blooming keep them dormant from the middle of June until last of August; repot in good, rich soil, using 6 to 8 inch pot; give water and light and the result will be most satisfactory.

Selected bulbs, 15c each; \$1.75 per doz., postpaid. By express, DEDUCT 25c per dozen.

SPOTTED LEAF Dark green leaves spotted with white; in other respects the plant is similar to the old favorite white Calla, excepting being of smaller habit. Large bulbs, 15c each; \$1.50 per doz., or postpaid, \$1.75 per dozen.

CANNA LILY.

The grandest of all bedding plants. Of quick growth and tropical appearance. Throughout the summer they present a mass of gorgeous colors until withered by frost. Price, 15c each; \$1.50 per doz. Postpaid, \$1.75 per dozen.

AMARYLLIS.

For the open border this genus furnishes some of the most useful bulbs. There are a great many species, all producing lily-like flowers, but varying in color, crimson, scarlet and white, blossoms from scarcely one inch in diameter to those six to nine inches across.

Scarlet—15c each; \$1.50 per doz.

White—15c each; \$1.50 per doz.

FREESIAS.

Freesias are most popular and charming bulbs for pot culture; 6 to 8 bulbs should be planted in a five-inch pot. The flowers are white, borne in graceful clusters, last a long time and have a delightful fragrance; when potted they should not be put in a dark place, but should be put to the light and require a rather cool position.

REFRACTA ALBA Pure white, delightfully fragrant. 30c per doz., postpaid.

OXALIS.

A very pretty and desirable bulbous plant for pot culture or hanging baskets. The graceful flowers are produced abundantly, although the bulbs are quite small. They should not be planted singly, but a number in each pot.

BUTTERCUP This is one of the finest plants for pot culture, luxuriant grower and the great profusion of flowers produced in abundance for weeks is astonishing. Flowers are of pure buttercup yellow. Price, 3 for 10c; doz., 25c, postpaid.

Pink—Very pretty. 3 for 10c; 25c per doz., postpaid.

Deep Rose—Large flower. 3 for 10c; 25 per doz., postpaid.

White—3 for 10c; 25c per doz., postpaid.

RANUNCULUS.

A garden or greenhouse plant, also suitable for house culture. The beautiful dwarf-flowering bulbs delight in a cool, moist atmosphere. A rather shady place is preferred.

FRENCH MIXED Rare, double flowers of gorgeous colors. Price, per doz., 20c; \$1.25 per 100. If sent by mail, add 10c per 100 for postage.

BULBS—Continued.

SNOWDROPS.

These graceful little plants are among the earliest spring flowers, often shooting up their snowy white, delicate flowers. Used for edging. Easily flowered in pots during the winter.

Single—20c per doz., postpaid.
Double—30c per doz., postpaid.

ANEMONES.

One of the most beautiful and showy flowers, exceedingly brilliant in colors. They are very suitable for pot and border culture, and succeed best in a light, rich,

well-drained loam. Flowers are single and double. Mixed—A great variety of colors. 25c per doz.; \$1.50 per 100, postpaid.

IRIS (or Fleur-De-Lis)

This class of stately flowering bulbs is rapidly growing in popularity. The blossoms are of rich and varied colors, quaint forms and delicate fragrance. They require a rich, moist soil.

SPANISH IRIS Dwarf and well adapted for pot culture. The flowers are of various shades of colors.

Light blue, dark blue, yellow and white. Price, 25c per doz., \$1.75 per 100, postpaid. By express, DEDUCT 25c per 100.

BULBS FOR SPRING PLANTING

DOUBLE DAHLIAS.

The choice Double Show Dahlias we are offering are especially grown for our trade by the most skillful specialist in the United States and consist of Choicest Field Grown Roots only.

- Double Yellow.
- Double White.
- Double Red.
- Double Pink.
- Double Maroon.

By express, 15c each; \$1.50 per doz. By mail, add 5c per root for postage.

GLADIOLUS.



The most attractive of all summer - flowering bulbs are the Gladioli. Our list comprises only the best, both solid shades and mixtures. Their cultivation is very simple, and for best results they should have a sunny position, a good sandy loam suits them best, but do equally as good on heavy soil, provided there is perfect drainage.

Scarlet and Crimson Shades, Mixed—25c per doz., \$2.00 per 100.

White and Light Shades, Mixed—25c per doz.; \$2.00 per 100.

Pink and Rose Shades, Mixed—25c per doz.; \$2.00 per 100.

Brenchlyensis—Finest Mixed. 25c per doz.; \$2.00 per 100.

American Hybrids—Splendid mixture. 25c per doz.; \$2.00 per 100.

If Gladioli are wanted by mail, add 10c per dozen for postage.

TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer - flowering bulbs. By skillful management a succession of flowers can be obtained all the year round.

EXCELSIOR Extra DOUBLE large bulbs.

PEARL Price, 3 for 10c; doz., 25c; \$1.75 per 100. By mail, 3 for 15c; per doz., 35c.

MEXICAN EVER-BLOOMING The most beautiful single Tuberoses ever put on the market. Price, 5c each; 50c per doz.; by mail 2 for 15c; doz., 60c.



MUSA OR BANANA.

The plants grow luxuriantly from 8 to 12 feet high, producing magnificent, long, broad and massive leaves of beautiful green. Good plants, 25c to 50c each. BY EXPRESS ONLY.

CINNAMON VINE.

The Cinnamon Vine is one of the most beautiful climbers and easy to grow. One sort will make a vine which will grow for several years and can be easily trained over and about a window. The vine produces clusters of dainty white flowers which exude the most delicate fragrance. Perfectly hardy, thriving anywhere in the sun or shade. Height, 25 to 40 feet. Good roots, 5c each; 50c per doz., postpaid.

MADEIRA VINE.

A beautiful and popular vine, covering a large space in a short time. Fleshy, heart-shaped leaves, of a light green color and numerous racemes of feathery flowers of delicious fragrance. Strong tubers. 5c each; 50c per doz., postpaid.

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SEED TABLES

The quantity of seed sown per acre, and such other estimates as are given here are approximate only. They may vary in different sections and States, just as soil and the climate varies, and often one farmer, to insure a full stand, sows seed more generously than his neighbors. The given weights, per bushel, are in general use:

GARDEN SEED

	Quantity per acre
Artichoke, 1 oz. to 500 plants	6 oz.
Asparagus, 1 oz. to 400 plants	6
Beans, dwarf, 1 qt. to 100 ft.	1½ bus.
Beans, pole, 1 pt. to 100 hills	½ bus.
Beets, garden, ¼ lb. to 100 ft. of drill	7 lbs.
Beets, stock, ¼ lb. to 100 ft. of drill	6 lbs.
Broccoli, 1 oz. to 2000 plants	¼ lb.
Brussel Sprouts, 1 oz. to 2000 plants	¼ lb.
Cabbage, for drilling in the field	¾ lb.
Cabbage, sown in frames for transplanting	6 oz.
Carrots, 2 oz. to 100 ft. of drill	2½ lbs.
Cauliflower, 1 oz. to 2000 plants	¼ lb.
Celery, 1 oz. to 5000 plants	6 qts.
Collards, 1 oz. to 2000 plants	2 qts.
Corn, sweet, ¼ pt. to 100 hills	2 lbs.
Corn, pop, shelled	4 oz.
Cucumbers, 1 oz. to 100 hills	2 lbs.
Egg Plant, 1 oz. to 1200 plants	2 lbs.
Endive, ½ oz. to 100 ft. of drill	4 lbs.
Kale, 1 oz. to 200 ft. of drill	2 lbs.
Kale, drilled	4 lbs.
Kohlrabi, ½ oz. to 100 ft. of drill	10 oz.
Leek, ½ oz. to 100 ft. of drill	4 lbs.
Lettuce, 1 oz. to 100 ft. of drill	2 lbs.
Melon, musk, 1 oz. to 100 hills	1½ lbs.
Melon, water, 4 oz. to 100 hills	2 lbs.
Mustard	2 lbs.
Okra, ¼ lb. to 100 ft. of drill	8 lbs.
Onion, seed, 2 oz. to 100 ft. of drill	4 lbs.
Onion, seed, for sets	50 lbs.
Onion Sets, 1 qt. to 40 ft. of drill	8 bus.
Parsley, 1 oz. to 100 ft. of drill	3 lbs.
Parsnip, 1 oz. to 100 ft. of drill	3 lbs.
Peas, garden, 1 qt. to 100 ft. of drill	2 bus.
Potatoes, ¼ bu. to 100 ft. row	10 bus.
Pepper, ½ oz. to 100 ft. row	10 lbs.
Pumpkin, 3 oz. to 100 hills	3 lbs.
Radish, ¼ lb. to 100 ft. row	10 lbs.
Rhubarb, 4 oz. to 100 ft. row	2 lbs.
Salsify, 4 oz. to 100 ft. row	8 lbs.
Spinach, 6 oz. to 100 ft. row	8 lbs.
Squash, 4 oz. to 100 hills	2 lbs.
Tobacco	2 oz.
Turnip	2½ lbs.

CLOVERS.

	Weight per Bu., lbs.	Quantity to sow to one acre, lbs.
Alfalfa or Lucerne	60	20 to 30
Alsike or Swedish	60	8 to 10
Bokhara	60	8 to 10
Burr, hulled	60	12 to 16
Burr, in the hull	15	12 to 16
Crimson or Scarlet	60	8 to 10
Espersette	32	20 to 30
Red	60	6 to 8
White	60	5 to 6
Japan	25	25

MILLETS.

	Weight per Bu., lbs.	Quantity to sow to one acre, lbs.
Japan	25	15
Cat-Tail (Pearl)	50	8 to 10
German or Golden	50	25 to 35
Hungarian	48	25 to 35
Hog Millet	50	25 to 35

GRASSES.

	Weight per Bu., lbs.	Quantity to sow to one acre, lbs.
Bermuda	40	2 to 3
Bromus Inermis	14	30
English Perennial Rye	20	30 to 40
English Blue	14	20 to 30
Johnson	25	25 to 30
Kentucky Blue:		
Pasture	14	20 to 25
Lawn	14	40 to 50
Orchard	14	12 to 15
Red Top—solid seed	10	6 to 10
Rescue	14	20 to 30
Timothy	45	10 to 12
Teosinte	45	3 to 4

MISCELLANEOUS.

	Pounds.	Quantity to sow to one acre.
Barley	48	1¼ to 1½ bus.
Beans, Navy	60	1½ to 2 bus.
Beans, Soja	60	20 to 30 lbs.
Broom Corn Seed	48	2 to 4 qts.
Buckwheat	52	1 to 1¼ bus.
Cane Seed:		
For Sugar	50	4 to 8 lbs.
For Fodder	50	30 to 50 lbs.
Castor Beans	46	4 to 5 lbs.
Chufas	40	¼ bu.
Corn, Field	56	4 to 5 qts.
Corn, Fodder, drilled	56	1 bu.
Cow Peas	60	1½ bus.
Dhaura:		
Drilled	50	¼ bu.
Broadcast	50	1 bu.
Emmer	40	1½ bus.
Flax	56	1½ bus.
Jerusalem Corn, drill.	50	¼ bu.
Kaffir Corn:		
In drills	50	3 to 5 lbs.
Broadcast	50	½ to 1 bu.
Milo Maize	50	
Millet	50	
Oats	32	1½ to 2 bus.
Peas, Field	60	1½ to 2 bus.
Peanuts	22	2 bus. in pods
Pumpkins, common field	30	2 to 3 qts.
Rape, Dwarf Essex	50	5 to 8 lbs.
Rye	56	1 to 1½ bus.
Sunflower	22	2 to 3 lbs.
Wheat, Spring or Winter	60	1¼ to 1½ bus.
Egyptian Wheat	50	1½ bus.
Vetches, Spring or Winter	50	1 to 1½ bus.
Velvet Beans	60	½ bu.

ROOTS, SETS AND PLANTS.

Approximate quantity to plant one acre.	
Asparagus Roots, or Plants	8,000
Cabbage, Early, Plants	14,000
Cabbage, Late, Plants	8,000
Cauliflower Plants	8,000
Celery Plants	15,000
Horse Radish Roots	12,000
Onion Sets (measured)	6 to 10 bus.
Onion Sets, Tops	4 to 6 bus.
Potatoes, Irish	10 to 12 bus.
Potatoes, Sweet, Plants	12,000

FOR TIME OF PLANTING DIFFERENT SEEDS, SEE PAGES 1 AND 2

1913 REICHARDT & SCHULTE CO. INC.

1 PKG. VERBENA
1 PKG. PETUNIA
1 PKG. PANSY
1 PKG. ASTER
1 PKG. SWEET PEAS

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