Historic, Archive Document

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Season 1929

Ruby King Pepper

Copenhagen Market Cabbage

Marglobe Tomato

B. B. Kirkland Seed Company
Columbia, South Carolina

Augusta, Georgia
The proper preparation of the ground in starting a new lawn is essential. This is too often neglected. The ground should be deeply ploughed, or spaded deep enough to leave a bed of loose earth 4 to 6 inches deep. This should be thoroughly pulverized and raked, removing all sticks, roots and stones. After getting the ground perfectly smooth, put on an application of Wizard Brand Sheep Manure, at the rate of 5 pounds to 100 square feet or 2,000 pounds to the acre; or Bone Meal, which is more lasting in its effects, 5 pounds to the 200 square feet, 1,000 pounds to the acre. DO NOT USE STABLE MANURE; it is unsightly, and is also a hotbed of weed seeds and worms, the very thing to be guarded against in laying a foundation for a pretty lawn. We recommend a thick seeding, sowing the seed at the rate of 1 pound to the 200 square feet (100 to 120 pounds to the acre). The land should then be gone over with a heavy roller, or the seed raked in thoroughly with a small hand-rake. The best months for seeding a lawn in this section are February, March, April, September, and October. Let the grass get a start of 4 inches before cutting, as too early cutting retards growth; after this cut every ten days. During dry weather it should be watered frequently in the evenings to get the best results.

A top dressing of Bone Meal or Wizard Brand Sheep Manure in the early spring or fall is also very beneficial to old lawns already established.

KIRKLAND'S Palmetto Special Lawn Mixture—Some of the most beautiful lawns in the South have been made with this mixture of grass seed, which has stood the test of many climates, and must not be compared with the ordinary Evergreen Mixtures usually sold. It is the result of over ten years of untiring study and experiment, coupled with the endeavor to give those who appreciate and desire a lawn a grass-seed mixture that will produce a rich green sod in six weeks after planting, and yet make a fine and thick turf the longer it stands. It is composed of fine-leaved hardy grasses, which not only stand the heat of the summer but outlive the severest winters. Do not be afraid of sowing grasses too thickly, as a heavy seeding always means a better sod. We recommend for ground that has been properly prepared: one pound to 200 square feet; 100 lbs. to 120 lbs. per acre. Price, lb. 40c; 10 lbs. $3.80; 50 lbs. $18.00; 100 lbs. $35.00. Full information for the making and care of lawns will be gladly mailed free on request.

KIRKLAND'S "Stai-Green"—This mixture is essentially a winter and early spring grass. It will not subdue the hot weather of summer. Should be planted in October and November or in February or the first days in March. Price, lb. 40c; 10 lbs. $2.80; 50 lbs. $13.00; 100 lbs. $25.00.

KIRKLAND'S "Shady-Nook"—A mixture of grasses that thrive in shaded situations, under trees or close to walls where there is little sun. This mixture can be planted in the fall or early spring. Price, lb. 40c; 10 lbs. $3.80; 50 lbs. $18.00; 100 lbs. $35.00.

KIRKLAND'S Terrace Mixture—A mixture of fine stoloniferous grasses peculiarly adapted to terraces. Price, lb. 40c; 10 lbs. $3.80; 50 lbs. $18.00; 100 lbs. $35.00.

Lawn Grasses

<table>
<thead>
<tr>
<th>Grass Type</th>
<th>Price per lb.</th>
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<tr>
<td>Perennial Ryegrass</td>
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<tr>
<td>Italian Ryegrass</td>
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<tr>
<td>White Dutch Clover</td>
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<tr>
<td>Kentucky Blue Grass</td>
<td>45c</td>
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<tr>
<td>Carpet Grass</td>
<td>60c</td>
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<tr>
<td>Bermuda Grass</td>
<td>65c</td>
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Note: For other grasses, see index for Grass Seed Pages.

No article on this page can be mailed except those quoted "postpaid."
B. B. Kirkland Seed Co., Augusta, Ga.

Gentlemen:—I am enclosing $_____________ for the following seeds to be sent by

(State here if wanted by Mail, Express or Freight.)

Name

(If Mrs., kindly use husband's initials or given name, as Mrs. John W. Jones.)

P. O. __________________________ State __________________________

R. F. D. No. ___________ Box No. ___________ Street and No. ___________

Express or Freight Office __________________________

(If different from your Post Office.)

BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOG ON PAGE 1

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<th>QUANTITY</th>
<th>Names of Seeds or Other Articles Wanted</th>
<th>PRICE</th>
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<tr>
<td></td>
<td>lbs.</td>
<td>Kirkland's Palmetto Special Lawn Mixture, 40c lb.</td>
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<tr>
<td></td>
<td>lbs.</td>
<td>Kirkland's Wonder English Peas, 30c lb.</td>
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REMEMBER NO ORDER TOO LARGE OR TOO SMALL TO SEND TO KIRKLAND'S SEEDS.
<table>
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<tr>
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<th>QUANTITY</th>
<th>ARTICLES WANTED</th>
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<th>Amount Brought Forward</th>
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When Ordering Write Below

The names of several of your neighbors or friends who have not received our catalog but who you believe might order from us. For your kindness we shall be glad to send you some extra seeds along with your order.

<table>
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<tr>
<th>NAME</th>
<th>POST OFFICE</th>
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<th>STATE</th>
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KIRKLAND'S
SPRING CATALOGUE
1929

Free Delivery
Packets, Ounces or Quarter-Pounds, of all seeds excepting Beans, Corn and Peas ordered at list prices, will be sent FREE by Mail or Express.

Order Early
It is our endeavor to fill all orders as soon as received, but during the rush season, March, April and May, delays are frequently unavoidable. Your assistance in anticipating your spring requirements and ordering your seeds, plants, shrubs, bulbs, tools, etc., for early shipment will be greatly appreciated. No Nursery Stock or Plants are sent FREE by Mail or Express.

Forwarding
We mail postpaid to any Post Office in the United States, vegetable and flower seeds when ordered in packets, ounces or quarter pounds, except where otherwise noted in the catalog. Agricultural seeds, implements, fertilizers, insecticides and other heavy and bulky goods are sent by express or freight at the purchaser's expense. All shrubs, bulbs, roots and plants are forwarded by express at the purchaser's expense. Parcel Post is not desirable for these articles. We will forward by parcel post where specifically requested to do so, with the understanding that it is entirely at your risk and charges must be prepaid. When ordering Beans, Corn or Peas to be forwarded by mail, add 6c per lb.; 8c for 2 lbs.; for postage in local, first and second zones; add 7c per lb.; 12c for 2 lbs. within in the third zone. Other zones add postage in proportion. When larger quantities are to be forwarded by mail, postage must be added according to zone.

Packing
No charge is made for boxes or packing for Parcel Post, express or freight shipment, except on Nursery Stock. We guarantee the safe arrival of express packages to points in the United States, and also Parcel Post packages of seeds up to and including quarter pound lots.

Domestic Parcel Post Rates

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<th>Maximum Weight for Other Zones</th>
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<td>First Zone, Columbia or Augusta, 50 miles</td>
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<td>Second Zone, within 50 to 150 miles</td>
<td>60 lbs.; 100 lbs.</td>
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<td>Third Zone, within 150 to 300 miles</td>
<td>60 lbs.; 100 lbs.</td>
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<td>Fourth Zone, within 300 to 600 miles</td>
<td>60 lbs.; 100 lbs.</td>
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<td>Fifth Zone, within 600 to 1,000 miles</td>
<td>60 lbs.; 100 lbs.</td>
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<td>Sixth Zone, within 1,000 to 1,400 miles</td>
<td>60 lbs.; 100 lbs.</td>
<td>50 lbs.</td>
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<td>Seventh Zone, within 1,400 to 1,800 miles</td>
<td>60 lbs.; 100 lbs.</td>
<td>50 lbs.</td>
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<tr>
<td>Eighth Zone, all over 1,800 miles</td>
<td>60 lbs.; 100 lbs.</td>
<td>50 lbs.</td>
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Non-Warranty

Most of the failures with seeds, bulbs or plants are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, too much or too little water, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results. The B. B. Kirkland Seed Company gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants it sells, and will not be responsible for the crop. Every order for articles named in this catalog will be executed on these conditions only.

If a package sent by express or mail is injured or lost we will replace it as soon as informed of the fact, accompanied by "damage or loss" receipt signed by express agent or Postmaster.

Remittances
It is preferred that remittances be made by Check, Post Office Money Order, or Express Money Order. We can use postage stamps covering small amounts but suggest that where these are sent, the letter be registered as we cannot assume responsibility where remittances are made in non-registered letters or other than above mentioned methods. Currency should not be sent by mail.

Cash With Order
Please send money with order sufficient to cover the whole bill together with Parcel Post charges, if desired that way, or we will ship C. O. D.

Name and Address
Please remember to write on each order, your NAME, POST OFFICE, COUNTY AND STATE; also give number of street or P. O. Box, as distinctly as possible; also the NEAREST EXPRESS OFFICE, or, if on a stage route, send us special directions.

Catalogs
We issue two catalogs annually. Descriptive catalog in January and fall catalog in September. Customers having more than one address will oblige by stating to which address catalog is to be mailed, also advice of change of address would be appreciated.

We Have No Agents
Soliciting orders from this catalog and advising our customers to place no orders from this catalog with anyone or pay any one any money. You will find Kirkland's seeds on sale in your home town, but these merchants buy seed direct from us. We have a branch store at Augusta, Ga., where you can secure our seeds and you can send your mail orders there if it is closer to you.

NOTE. Limit of weight for delivery within the First and Second Zones, 70 lbs.; to Canada 4 lbs. 6 ozs. (postage 60c); to all other zones, 50 pounds. If weight exceeds this we will pack in two or three parcels, provided sufficient money is remitted to cover postage on goods and weight of packing. A fraction of a pound is considered a full pound.

Every order for articles named in this catalog will be executed on these conditions only.
CALENDAR FOR MONTHLY OPERATIONS IN THE SOUTH
What to Plant and When to Plant for Each Month in the Year

JANUARY

FOR THE GARDEN—Manure and prepare the soil. Top dress asparagus beds with manure, also dressing of salt and hort. Plant asparagus roots, cabbage plants and early crop of English peas, carrots, beets, cabbage, turnips, kale, lettuce, mustard, celery, radish, parsnip, parsley, spinach, and turnips. Plant in hotbeds or coldframes for later transplanting. Plant artichokes, Irish potatoes, English peas, beets, cabbage, carrots, collards, celery, mustard, parsnip, parsley, radish, salsify, spinach, and turnips can be sown. Prepare land and set out onion sets for early crops. Plant sweet potato cuttings, Sudan grass, kaffir and feterita, and beggarweed.

FOR THE FARM—Vetches, oats, and wheat can be sown, also early barley for grazing or as a seed improver. Sow Dwarf Essex rape for greens and grazing. Plant Lookout Mountain potatoes and Second Crop Cold Storage potatoes for fall.

FEBRUARY

FOR THE GARDEN—Plant asparagus roots and cabbage plants. Plant in hotbeds, egg plant, pepper and tomatoes for later transplanting. Plant artichokes, Irish potatoes, English peas, and can be planted early in the month. Plant corn, cotton, chufas, peanuts, rice, watermelons and all sorghums; millets and grass, kaffir and feterita, sweet potato plants, sudan grass, feterita and kaffir corn, and beggarweed. Plant in hotbeds or in pots or boxes in the house, for later transplanting. Sow Kirkland’s Evergreen lawn grass. Hardy flower seed can be forwarded by sowing in hotbeds or in pots or boxes in the house, for later transplanting. Sow Dwarf Essex Rape for early green grazing. Early corn can be planted.

FOR THE FARM—Bed sweet potatoes for slips, Sow Canada field peas, oats, rye, and bearded barley. Towards end of month grasses and clovers can be put in. Sow hardseed barley; cut in April; makes an excellent crop for hay or grain, no danger in feeding, as it is free from beard. Comes off in time to plant cotton or corn. Plant the proper time for sowing. Set out your late crop of tomato plants and earth up your celery. Set out corn and collard plants for fall. Late in month English peas can be successfully planted.

MARCH

FOR THE GARDEN—Active month for sowing all kinds of hardy seed. The sooner the better. Set out asparagus roots. Plant English peas. Transplant cauliflower, cabbages, and other plants from hotbeds. Sow your early crops in your herbs. Plant asparagus, beets, early cabbage, corn, carrots, cauliflower, celery, collards, egg plant, Irish potatoes, kale, lettuce, mustard, okra, parsley, parsnips, pepper, radishes, spinach, and turnips can be sown. Prepare land for cantaloupes, cucumber and squash, Sow sweet potatoes, strawberries, Sow and plant your hardy flower seed. Sow Kirkland’s Palmetto Lawn Grass Mixture.

FOR THE FARM—Sow spring oats, Canada field peas, clover and grasses of all kinds, the earlier the better. Sow hardseed barley, an excellent crop for grass, comes off in time for cotton or corn. Plant artichokes for hogs, also Dwarf Essex Rape. Put in first crop Spanish peanuts. The month for planting corn. The majority of it should be put in by the 20th. Get land in condition for planting cabbage. Plant asparagus roots.

APRIL

FOR THE GARDEN—Replant any seeds necessary to secure a good stand. Plant garden corn and snap beans every two or three weeks for succession. Transplant egg plant, pepper and tomatoes. Plant cantaloupes, muskmelons, squash, and cucumbers. Lawn grass can be planted, the earlier the better. Sow sweet potato seed in every vacant corner, not only beautifies but makes valuable feed for poultry in the fall.

FOR THE FARM—The cotton planting month. Grasses and clovers can be planted. Later in the month, Plant corn, cotton, chufas, peanuts, rice, watermelons and all sorghums; millets and fodder corn can be planted during this month, likewise cow peas, velvet and soy beans. Plant sweet potato plants, Sudan grass, feterita and kaffir corn, and snap beans, table peas, and running beans. Late cabbage and cauliflower can be sown for transplanting in fall.

FOR THE FARM—Plant mangel wuzel for winter feeding, also sorghums. Millets can be planted, likewise cow peas, corn, cotton, chufas, peanuts, rice and velvet beans and soy beans. Also plant alfalfa or other grass land in condition to plant corn and cotton seed. Plant sweet potato plants, sudan grass, kaffir and feterita, watermelons.

JUNE

FOR THE GARDEN—Continue to transplant winter cabbage, celery plants and tomatoes for the late crop, water and protect from the sun; continue to plant corn and snap beans; also plant running beans and table peas. Winter cabbage seed can be sown now if protected and watered. Plant okra, salsify, New Zealand spinach, and turnips. Plant cantaloupes. Set out onion sets and cabbage plants for transplanting in fall. Plant cucumbers for pickling.

FOR THE FARM—Sow millets, sorghums, cow peas, soy beans, velvet beans, peanuts, and chufas. Plant your late corn and cotton. Sow Dwarf Essex rape for greens and grazing. Plant Lookout Mountain potatoes and Second Crop Cold Storage potatoes for fall.
Kirkland's Tenth Annual Catalogue

Our Personal Guarantee to You

We personally guarantee to you that the seeds in every package you receive from us are as fine in quality and as full of life and vigor as any that can be grown.

You get the same high quality seed—tested for purity and vitality—as we sell the man whose living depends upon the quality of vegetable or flower he grows—the florist and the market gardener. In our catalog you will find only the standard varieties of Seed. We have eliminated a great many varieties that are not commonly grown and which have not proved a success and have added such new varieties that by careful trial have proven to have merit. Our descriptions as you will find are not lengthy and if there are varieties that you would like to have further information on we shall be glad to furnish you with this information if you will write us and will also be glad to furnish you with government bulletins where available.

ORDER EARLY. A great many of our customers make the mistake of putting off ordering their seeds until they are ready to plant them—usually we are busiest just at this particular time and we ask that you Order Early as then we can get your orders to you just when you want them. We fill orders same day they are received.

DIVERSIFY. Every year we have been urging our customers to diversify and "not to put all of their eggs in one basket"—this is being done over the South and those farmers that are diversifying are profiting more and more each year. Look over this book and see the numbers of plants and crops that can be raised profitably on the farm. Don't overlook raising flowers; this is a source of a great deal of pleasure, and also profitable; also Bees are money-makers. Have more Cows, Sheep, Hogs, Chickens, etc. In order to be a real farm it must have all of these things—add them to yours.

We thank you for the wonderful business that you sent us last year and we hope to receive you many orders this year and ask that you tell your friends about us.

Very truly yours,

B. B. KIRKLAND SEED COMPANY.

January, 1929.

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<td>Tobacco . . . . . . .</td>
<td>Poultry Foods and</td>
</tr>
<tr>
<td>Vetches . . . . . . .</td>
<td>Spray Pumps . . . .</td>
</tr>
<tr>
<td>Insecticides and</td>
<td>Suggestions to customers</td>
</tr>
<tr>
<td>Fungicides . . . .</td>
<td>Sheep Manure . . . .</td>
</tr>
<tr>
<td>inside back cover</td>
<td>Incubators . . . . .</td>
</tr>
</tbody>
</table>

Very truly yours,

B. B. KIRKLAND SEED COMPANY.
# Spraying Table

<table>
<thead>
<tr>
<th>What to Spray and Spray With</th>
<th>Time of First Spraying</th>
<th>Time of Second Spraying</th>
<th>Time of Third Spraying</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>APPLES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bitter Rot</td>
<td>Bordeaux mixture, Pyrox</td>
<td>First appearance of rot</td>
<td>One to two weeks later.</td>
</tr>
<tr>
<td>Canker Worm</td>
<td>Arsenate of lead, Pyrox</td>
<td>On first appearance of worms</td>
<td>Two or three days later.</td>
</tr>
<tr>
<td>San Jose Scale</td>
<td>Scaleicide or lime-sulphur</td>
<td>Just as the leaf buds are swelling</td>
<td>Ten days later.</td>
</tr>
<tr>
<td>Scab</td>
<td>Scaleicide or lime-sulphur</td>
<td>After the leaves have come out, but before the flower buds appear</td>
<td>Whenever worms are noticed.</td>
</tr>
<tr>
<td>Coddling Moth</td>
<td>Arsenate of lead, Pyrox</td>
<td>Within eight days from the time the petals drop</td>
<td>Before or after transplanting.</td>
</tr>
<tr>
<td>ASPARAGUS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beetles</td>
<td>Bordeaux mixture or Pyrox</td>
<td>Early spring.</td>
<td>Two weeks later.</td>
</tr>
<tr>
<td>Rust</td>
<td>Arsenate of lead, Pyrox</td>
<td>After cutting crop</td>
<td>Ten days later.</td>
</tr>
<tr>
<td>CABBAGE AND CAULIFLOWER</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slugs Shot</td>
<td>White hellebore, Pyrox</td>
<td>As leaves are unfolding.</td>
<td>Ten days later.</td>
</tr>
<tr>
<td>Celeri</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When they first appear</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td>CUCUMBERS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ambrosia</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When plants begin to run</td>
<td>Ten days later.</td>
</tr>
<tr>
<td>Downy Mildew</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When plants begin to run</td>
<td>Nine days later.</td>
</tr>
<tr>
<td><strong>CURRENT</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leaf-spot</td>
<td>Bordeaux mixture, Pyrox</td>
<td>As leaves are unfolding</td>
<td>Ten days later.</td>
</tr>
<tr>
<td>Worn</td>
<td>Grape dust, Pomo dust</td>
<td>When buds are breaking</td>
<td>Ten days later.</td>
</tr>
<tr>
<td>Gooseberry</td>
<td>Bordeaux mixture, Pyrox</td>
<td>Before buds start.</td>
<td>Two weeks later.</td>
</tr>
<tr>
<td>Worn</td>
<td>Same as for currants</td>
<td>When buds are breaking</td>
<td>Two weeks later.</td>
</tr>
<tr>
<td>Mildew</td>
<td>Grape dust, Pomo dust</td>
<td>Before buds start.</td>
<td>Two weeks later.</td>
</tr>
<tr>
<td>Grape</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When buds are breaking</td>
<td>Nine days later.</td>
</tr>
<tr>
<td>Monk Moth</td>
<td>Arsenate of lead, Pyrox</td>
<td>Before blossoms are ready to open</td>
<td>Ten days later.</td>
</tr>
<tr>
<td>Downy or Powderly</td>
<td>Arsenate of lead, Pyrox</td>
<td>Before blossoms are ready to open</td>
<td>Ten days later.</td>
</tr>
<tr>
<td>Mildew</td>
<td>Bordeaux mixture, Pyrox</td>
<td>Before blossoms are ready to open</td>
<td>Ten days later.</td>
</tr>
<tr>
<td>Muskemelon</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When plants begin to vine</td>
<td>Nine days later.</td>
</tr>
<tr>
<td>Anthracose</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When plants begin to vine</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td>Downy Mildew</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When plants begin to vine</td>
<td>About one month before fruit ripens.</td>
</tr>
<tr>
<td>Leaf-blight</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When plants begin to vine</td>
<td>Omit arsenate of lead.</td>
</tr>
<tr>
<td><strong>PEACH</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leaf-Curl</td>
<td>Scaleicide, lime-sulphur</td>
<td>When plants begin to run</td>
<td>After fruit has set.</td>
</tr>
<tr>
<td>Brown Rot</td>
<td>Scaleicide, lime-sulphur or Bordeaux mixture</td>
<td>When plants begin to run</td>
<td>Just before blossoming.</td>
</tr>
<tr>
<td>Scab</td>
<td>Scaleicide, lime-sulphur</td>
<td>When plants begin to run</td>
<td>After blossoms have fallen.</td>
</tr>
<tr>
<td>San Jose Scale</td>
<td>Scaleicide, lime-sulphur</td>
<td>When plants begin to run</td>
<td>Just after fruit has set.</td>
</tr>
<tr>
<td><strong>PEAR</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leaf-blight</td>
<td>Bordeaux mixture</td>
<td>When leaves are half grown</td>
<td>After fruit has set.</td>
</tr>
<tr>
<td>Pylia</td>
<td>Black Leaf 40 or whale-oil soap</td>
<td>When leaves are half grown</td>
<td>Just after blossom drop.</td>
</tr>
<tr>
<td><strong>PLUM</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curculio</td>
<td>Arsenate of lead</td>
<td>As buds are swelling</td>
<td>After blossoms fall.</td>
</tr>
<tr>
<td>Aphis</td>
<td>Scaleicide, lime-sulphur or Bordeaux mixture</td>
<td>On appearance of Aphis.</td>
<td>Just after blossom drop.</td>
</tr>
<tr>
<td>Shot-hole Fungus</td>
<td>Scaleicide, lime-sulphur</td>
<td>On appearance of Aphis.</td>
<td>Two weeks later.</td>
</tr>
<tr>
<td>Rot</td>
<td>Bordeaux mixture, Pyrox</td>
<td>As buds are swelling</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td><strong>POTATO</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early blight</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When leaves are half grown</td>
<td>Just after calyx drops.</td>
</tr>
<tr>
<td>Late blight</td>
<td>Bordeaux mixture, Pyrox</td>
<td>As buds are swelling</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td>Potato Beetle</td>
<td>Bordeaux mixture, Pyrox</td>
<td>As buds are swelling</td>
<td>Just after calyx drops.</td>
</tr>
<tr>
<td><strong>RASPBERRY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anthracose</td>
<td>Bordeaux mixture, Pyrox</td>
<td>When leaves are half grown</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td>Saw-fly</td>
<td>Bordeaux mixture, Pyrox</td>
<td>As buds are swelling</td>
<td>Two weeks later.</td>
</tr>
<tr>
<td>Leaf-spot</td>
<td>Bordeaux mixture, Pyrox</td>
<td>On first appearance of fungus</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td><strong>ROSE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leaf-spot</td>
<td>Pomo dust, All in one dust, Pyrox</td>
<td>On appearance of slugs, etc.</td>
<td>Repeat if necessary.</td>
</tr>
<tr>
<td>Mildew</td>
<td>Powdered sulphur, Pomo dust, All in one dust</td>
<td>On appearance of slugs, etc.</td>
<td>Make three or four sprayings during season.</td>
</tr>
<tr>
<td>Slug, Aphis, etc.</td>
<td>Thanatus, Black Leaf 40, Nicotune Liquid, All in one dust</td>
<td>On appearance of slugs, etc.</td>
<td>The following spring spray just before blossoming and again 10 days later.</td>
</tr>
<tr>
<td><strong>STRAWBERRY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leaf-spot</td>
<td>Sulphate of iron, Bordeaux mixture, Pyrox</td>
<td>Soon after growth begins</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td><strong>SQUASH</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aphis</td>
<td>Black Leaf 40</td>
<td>Spray under side of leaves</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td>Lady Beetle</td>
<td>Arsenate of lead, Pyrox</td>
<td>As soon as pest appears</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td><strong>Tomato</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anthracose</td>
<td>Bordeaux mixture, Pyrox</td>
<td>Soon after fruit begins to set</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td>Leaf-blight</td>
<td>Bordeaux mixture, Pyrox</td>
<td>Soon after fruit begins to set</td>
<td>Three weeks later.</td>
</tr>
<tr>
<td>White Fly</td>
<td>Bordeaux mixture, Pyrox</td>
<td>Spray underside of leaves thoroughly</td>
<td>Three weeks later.</td>
</tr>
</tbody>
</table>
VEGETABLE SEEDS
With General Directions for Cultivation

ASPARAGUS
(ROots READy AFTER MARcH 1St)

One ounce to forty feet of drill; 5 lbs. per acre. 7,300 Asparagus Plants are needed to plant an acre.

CULTURE—Sow in March or April, in rows one foot apart. When two years old transplant into permanent beds, which should be well and deeply manured, and trenched to the depth of two feet. In planting for private use, set out in beds five feet wide, three rows in a bed, the outer being each one foot from the edge, and allow eighteen inches between the rows; set the plants from four to six inches below the surface. If set out in autumn, topdress with six inches of manure. For market on a large scale, set out four by one and one-half feet. On the approach of winter cover with manure or compost; fork the beds early in spring and apply a dressing of salt. Cut for use the second year after planting in permanent bed. Never cut too closely. The roots need the benefit of some foliage during the year, else they will weaken and die. Slugs are easily destroyed by applying air-slacked lime or Paris green.

1. Giant Argenteuil. A new and entirely distinct variety that produces shoots that are very thick, green, with purple tinge, heads slightly pointed, close. Pkt. 10c; oz. 15c; 1/4 lb. 25c; 1b. 75c.

2. Washington. A very hardy, and for this reason a great favorite for July planting; fine to be used in the fall for pickling. Pkt. 10c; lb. 45c; peck $2.75; bushel $16.00.

3. Conover Colossal. Of large size, tender and of excellent quality. Green shoots. Pkg. 10c; oz. 15c; 1/4 lb. 25c; 1b. 75c.

4. Palmetto. It is of very large size, even and regular in growth and appearance. It is a very early sort, immensely productive and of best quality. Green shoots. Pkg. 10c; oz. 15c; 1/4 lb. 25c; 1b. 75c.


6. Asparagus Roots. The quickest, most satisfactory way to grow Asparagus is from the roots. $1.50 per 100 postpaid. Not postpaid $1.25 per 100; $8.50 per 1000.

We invite your correspondence about any problems that you have and if you will write us we will give you the best information we have and send bulletins.

BEANS
Dwarf or Bush—Green Poded Varieties

CULTURE—In this latitude (Columbia) sow Bush Beans from March until September. Continuous crops may be grown through the entire summer. In Florida and along the Gulf Coast plantings may be made earlier, but Bush Beans will not grow well in that season. Continuous crops may be grown through the entire summer. So in drills 18 inches to 2 feet apart, dropping a bean every 4 inches and covering 2 inches. Soil should be warm for successful germination. When about to bloom draw the earth up around the stem. Keep the soil stirred frequently, and as fast as the beans mature pick them off if you want them to stay in bearing for a long time. Quantity needed for planting—one pint for each 75 feet of row.

9. Extra Early Black Valentine. A fine extra early type of the Valentine Bean, very resistant to cold and can be planted early and late; also resists heat well, making it a fine mid-summer bean; stands shipping fine; is used for this purpose extensively, and is planted altogether in some sections for a shipping bean. Does not wilt quickly; retains its shape and flavor a long time after picking. Pkt. 10c; 1/4 lb. 20c; 1 lb. 45c; peck $4.00; bushel $14.00.

8. Burpee's Stringless Green-Pod Bean. The most delicious flavored bean grown. Remains tender for a long time, and is stringless during all stages of growth. A fine, brittle, crisp bean; very prolific, and a vigorous, strong grower. Comes into bearing about the same time as the Valentine, and continues to bear long after other bush kinds have stopped. Pkt. 10c; 1/4 lb. 20c; 1 lb. 45c; peck $4.75; bushel $16.00.

19. Kirkland's Refugee, or 1,000 to 1. Very hardy, and for this reason a great favorite for July planting; fine to be used in the fall for pickling. Pkt. 10c; lb. 45c; peck $2.75; bushel $16.00.
BEANS — DWARF or BUSH

Wax-Podded Varieties

15. Currie's Black Wax. As near rust-proof as any variety can be. Makes pods about six inches long. Beautiful golden color and a first-class cooking bean, well liked all over the South. Pkt. 10c; lb. 35c; peck $4.50; bushel $14.00.

16. Rust-Proof Golden Wax. An excellent strain, rust-proof, fine flavored, and liked all over the South. Pkt. 10c; lb. 35c; peck $4.50; bushel $14.00.

17. Prolific Black Wax. An extra-early prolific strain and very similar to the old German Black Wax. Small black-seeded kind that is a heavier bearer than the old original variety. This bean will give entire satisfaction for a prolific wax kind. Pkt. 10c; lb. 35c; bushel $14.00.

Dwarf or Bush Limas

21. Henderson’s Bush Lima. Smallest but most prolific of all pure white bush varieties. Called the Bush Butter Bean of the South, being similar in appearance to the Lima, or small pole lima, but of a true bush form. Pkt. 10c; lb. 30c; peck $4.50; bushel $13.00.

20. Jackson’s Wonder Bush Lima. The most prolific of all bush limas, bearing from the earliest possible time until frost, and continually supplying quantities of delicious beans, which are bluish brown mottled in appearance. This bean will flourish in the driest weather. Pkt. 10c; lb. 30c; peck $4.50; bushel $13.00.

22. Fordhook Bush Lima. This is generally conceded to be the best of all large bush limas, making large, roundish beans, pods mottled in appearance, four to eight on the stem. You will make a mistake if you do not include some of these fine beans in your garden this spring. Pkt. 10c; lb. 45c; peck $5.00.

24. Burpee’s Bush Lima. A large, flat variety, bearing heavy crops late in the season. Pkt. 10c; lb. 40c; peck $5.50.

Pole Butter, or Lima Beans

23. Sieva. (or Small White Pole Butter). This is the best known pole bean planted in the South; is the most prolific bean of the lima group. Will bear continually until frost, and makes a most excellent dry shell bean for winter use. Pkt. 10c; lb. 30c; peck $4.00; bushel $14.00.

25. Large White Lima (or King of the Garden Lima). A true Pole Lima or Old Homestead bean. Very similar to the Old German Pole Lima, making enormous pods well filled with beans of the finest flavor. Pkt. 10c; lb. 25c; peck $4.50; bushel $17.50.

Pole, or Running Snap Beans

26. Kentucky Wonder. (Texas, or Old Homestead). This excellent butter bean is known under all three of these names, and is no doubt the best known and heaviest planted variety in existence. Early variety, in about two months after planting, and if closely picked will continue to bear until frost. Will give entire satisfaction for a prolific wax kind. Pkt. 10c; lb. 30c; peck $3.25; bushel $12.50.

27. Kirkland’s Genuine Cornfield Bean. A fine late or October bean that grows well in corn. This is a well-flavored green cornfield bean, making pods about six inches long, and a most prolific types of this bean. Seed white. Pkt. 10c; lb. 30c; peck $4.00; bushel $13.50.

28. White Kentucky Wonder. Similar to the Old Homestead but is earlier and covers a longer season of productiveness; being a white-seeded maize. Also a splendid white shelled bean. Pkt. 10c; lb. 30c; peck $3.50; bushel $12.75.

29. White Creaseback. A white round green-pod Pole Bean, a prolific type of lima bean, sometimes called White Creaseback. Pkt. 10c; lb. 35c; peck $3.50; bushel $12.75.
TABLE BEETS

One ounce of seed sows sixty feet of drill; five pounds will sow an acre in drills.

CULTURE—The soil best suited to the culture of the beet is that which is rather light, provided it is thoroughly mixed with manure. If wanted very early, sow in hotbeds and transplant; but for main crop sow in the spring as soon as the ground becomes fit to work, in drills 18 inches apart and two inches deep. For winter use sow as late as July. When the plants have attained three or four inches in height, thin out so that they stand five to six inches apart. Keep free from weeds. Before freezing weather sets in, the roots may be stored in cellars or pits, same as Potatoes; dry earth thrown over them before the straw and earth covering is put on insures their keeping over winter. Be careful not to bruise them in handling.

Detroit Dark Red Beet.

35. Detroit Dark Red. A fine strain of Blood Turnip, but medium size, rich, red color, tender and remaining so for a long time. Good for both summer and fall use; one of the best for home use. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

30. Early Blood Turnip. Round, of good size, dark red; quality good, one of the best for main crop. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

34. Half-Long Smooth Blood. Half-long variety of excellent flavor. Good sure cropper. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

33. Improved Early Blood Turnip. Dark red, smooth; uniform; a good variety for home use. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

32. Improved Long Blood Beet. This is a long, smooth beet, adapted to late plantings and fine for dry weather. Root extends well down into earth where moisture is available. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

31. Kirkland’s Extra Early Eclipse. The most popular beet in market. Globe shaped, dark and tender; very early. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

36. Crosby’s Egyptian. Very early strain of the old standard Egyptian; small tops; good shape, popular with the truckers. Pkt. 10c; oz. 15c; ¼ lb. 30c.

37. Truckers’ Perfection Beet. The market gardener’s favorite. This is an extra early round deep blood red sweet tender beet, and one that we recommend without reservation to those that like an extra early beet. This variety has a small top, and in favorable seasons is in marketable size in 6 to 7 weeks from planting. This is a very productive beet that is a good shipper and keeper. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 90c.

38. Swiss Chard or Sea Kale. A beet grown for its leaves only; the main midrib can be cooked like asparagus, the other portion of the leaf is cooked like spinach; thrives well in moist rich places and will make an abundance of delicious greens. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

Broccoli

41. Early White. Closely related to the cauliflower from which it was bred; grows taller than cauliflower; is fine for fall or spring planting and is a good sure cropper. Pkt. 10c; oz. 50c; ¼ lb. $1.25.

41½. Purple Broccoli. Pkt. 10c; oz. 50c; ¼ lb. $1.25.

BRUSSELS SPROUTS

42. Belong to the cabbage family, making clusters of miniature cabbage heads around the main stalk; these heads are very delicious, with a flavor something like cauliflower; tops grow open like collard heads. Pkt. 10c; oz. 35c; ¼ lb. 90c.

MANGELS AND SUGAR BEETS

Use for Feeding Cattle—Sow Five lbs. Per Acre.

CULTURE—Sow in April and May in thoroughly plowed, well-manured soil, in drills 2 inches deep and about 18 inches apart. Thin out to 12 inches and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for Mangel-Wurzel. An ever-increasing acreage is being planted for stock beets. Fattening, breeding and milk cattle do equally well on them. About one-fourth of the daily rations should be of roots. Hog cholera is prevented by their use.

39. Golden Tankard. Very hardy, producing large crops with little care. The root is very large and very rich in sugar, and while not sufficiently so for sugar purposes, it makes remarkably fine, rich food for stock. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 80c.

40. Mammoth Long Red Mangel. Very large, long red; makes fine stock feed, high in sugar content; grows well all over the South. Plant early and fertilize well and you will have abundance of feed. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 80c, postpaid.
KIRKLAND'S CABBAGE SEEDS

Cabbage seed is one of our specialties, our seed are grown by the most reliable growers in the Long Island section. These seed are best adapted to this climate and no better seed can be had.)

NOTE.—We make special prices to truckers who buy in quantities.

Early Flat Dutch Cabbage.

CULTURE.—One ounce is sufficient for 100 feet of drill, 8 ounces will give enough plants for an acre. For early spring cabbage, sow 1/2 of an inch deep from the middle of September to the middle of October, and when the plants are large enough transplant in rows 2 1/2 feet apart, leaving about 15 inches between the plants, but many successful growers are now setting them as close as 12 inches. When a supply of plants has not been secured in the fall, sow in cold frames in December, or in a gentle hotbed the last of February; give plenty of air at proper times in order to harden the plants and transplant in the open ground as soon as the weather permits. For a summer crop, sowings may be made in March until the middle of May. For winter cabbage sow flat Dutch, Drumhead, and Savoy from middle of May to last of July, transplanting when large enough; late cabbage should be set 3 feet apart and not less than 18 inches in the row. It is useless to attempt the cultivation of this crop without deep and thorough plowing or spading and an abundance of rich, well-decomposed manure or suitable substitutes. Frequent stirring of the soil is essential especially when seasonable rains are lacking. Each time the ground is worked it should be drawn up a little more around the stem until the head begins to form, when one final, thorough cultivation should be given. Many successful gardeners grow cabbage without transplanting, sowing the seed thinly in drills or in hills, and afterwards thinning to the proper distance in the row.

Early Jersey Wakefield Cabbage.

43. Charleston Wakefield. Just a little later and larger than the Early Jersey and is fine for following this crop; both cabbage are the same shape, the greatest difference being in the size. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. $2.50; 5 lbs. $2.25 per lb.

44. Late Flat Dutch. This is an old variety that is too well known for describing; an extra-fine late flat-head variety that always gives splendid results, and has many friends both among home gardeners and truckers. It is well to include this with your early cabbage for late crop. Pkt. 10c; oz. 25c; 1/4 lb. 55c; lb. $2.50.

45. Early Jersey Wakefield. A gem of a little cabbage and great favorite with home gardeners on account of its size; can be planted closer than large varieties and its size makes it the best variety for back-yard gardens where small amounts are wanted at one time. This is also a great favorite with market gardeners for an extra early crop. A good sure cropper. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. $2.50; 5 lbs. $2.25 per lb.

46. Early Flat Dutch. Most popular cabbage in South Texas and Gulf Coast sections for a market and shipping variety. A splendid strain of Flat Dutch, just a little later than the old-time Early Flat Dutch. Fine shipping variety for all sections. Pkt. 10c; oz. 25c; 1/4 lb. 80c; lb. $2.75.

47. Early Winnigutisdt. A second early to the York, same shape, but with few outer leaves. Comes just a few days before the Jersey Wakefield. Pkt. 10c; oz. 25c; 1/4 lb. 80c; lb. $2.75.

48. All Seasons. A fine early flat-head cabbage, adapted to culture in all seasons of the year; a good header and keeper, making medium-sized heads; a good all-around cabbage for any purpose. Pkt. 10c; oz. 35c; 1/4 lb. 90c; lb. $3.00; 5 lbs. $2.75 per lb.

49. Copenhagen Market. Danish grown seed. Matures in 95 days. A new cabbage in enormous demand by planters everywhere. Just a few days later than Wakefield; considerably harder. Larger and has the advantage of being a round-headed type. It is practically the only round-head extra early cabbage we have, and the earliest of that class. Weights from 10 to 14 pounds at maturity. Virginia and New Jersey truckers have given this a larger acreage that formerly was devoted to Wakefield. They claim that better prices are possible from this type on account of its size. Finest imported seed. Pkt. 10c; oz. 25c; 1/4 lb. 90c; lb. $3.00; 5 lbs. $2.75 per lb.

Succession Cabbage.
50. Late Drumhead. Another old standard variety that has held its popularity for years and is still well known and a largely planted kind; is a good solid hard header and good sure cropper. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.25.

51. Succession. This is largely a market gardener's variety, and is used mostly in the South for shipping purposes; is a large flat top variety with good color and firmness, being about twice the size of most other large sorts; premier brand seed. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.25.

52. Surehead. A very sure header; this is a desirable cabbage of the Drumhead type for both medium and late crops. It is noticeable for uniformity of size, firmness of head, and fine texture. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.75.

53. Early Trucker. In Early Trucker we have the best large early flat-head cabbage ever offered for planting in the South, a variety which will not only give the most satisfactory results in "home gardens," but has proven of the greatest possible value to the market gardens of South Carolina, Georgia, Florida, Texas and other Southern States. It suits all seasons; in fact, no cabbage we have ever seen approaches it in so many desirable qualities. Sown in spring, it makes the best summer crop. Sown in the late summer months, it makes a most desirable winter cabbage. Pkt. 10c; oz. 25c; ¼ lb. $1.00; lb. $2.50.

Red Cabbage

54. Mammoth Red Rock. Market gardeners will find this strain a great improvement over existing varieties. While not early, it is of the best quality, has few outside leaves, and is of the darkest red color. Pkt. 10c; oz. 25c; ¼ lb. $1.00; lb. $3.50.

55. Red Ben’t. While not so large as Mammoth Red Rock, this variety is earlier in maturing, producing a fine solid head, richly colored and of good quality. Pkt. 10c; oz. 25c; ¼ lb. $1.00; lb. $2.50.

Chinese Cabbage

56. Pe-Tsai. The value of this much advertised "Chinese or Celery Cabbage," we think, has been over-estimated. In growth it resembles our Cos Lettuce somewhat, and is a very popular vegetable with the Chinese, being used both raw and boiled. It does best as a fall crop. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. $3.00.

Collards

An old-time standby for winter greens all over the South. Well adapted to every Southern State, and is a species of cabbage, not only hardy but a vigorous and continuous grower, producing a mass of leaves and later a fairly good head. Not in its best condition until touched by frost. Seed can be sown here from early spring up to October 1st. When plants are 6 inches high transplant to open ground, setting 2 feet apart in the rows. Cultivate like cabbage. Sow one ounce of seed to 200 feet of row.

57. Improved White Cabbage Collard. This is the finest and the largest quickest growing, best flavored collard grown. It always brings the best price and the most profit because it so quickly makes a large, compact, tender growth. Makes the finest looking quickest selling collard we have ever seen, the best of all for home or market use. This is the collard that will please everybody—the collard that everybody will soon be planting. The only collard to plant for profit. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 80c, postpaid.

58. True Georgia. (Blue Stem). The old standard and most popular collard grown throughout the South, tall and long stemmed, good flavored and very hardy. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 65c.

FROST-PROOF CABBAGE PLANTS

Order Early to Get Plants Delivered in Time

When we receive your order for these plants, we have to forward it to our growing station, which takes several days. Plants are shipped direct to you from growing station. Plants cannot be pulled or shipped when beds are wet. We sometimes have a week or ten days of continued wet weather which prevents shipment. If you do not receive your plants as soon as you expect them, you will know that weather prevents shipment. Send your order two to three weeks before you expect to set the plants and you will get them on time.

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

VARIETIES. Early Jersey Wakefield, Charleston or Large Wakefield, Succession and Early Flat Dutch—Prices by Parcel Post, postage paid. In lots of 100, 200, 300, or 400 plants at 50c per 100 plants; 500 plants for $1.60; 1,000 or more at $3.00 per 1,000 plants.

Orders are filled by the 100 not 250 or 350. These prices are for even quantities of one variety to package if you ordered 100 of one variety and 300 of another variety you would pay at the 100 rate.

Prices by Express, buyer paying express charges—In lots of 1,000 to 5,000 plants at $2.00 per 1,000; 5,000 or more at $1.80 per 1,000. Plants packed for express shipment. 1,000 or 2,000 plants of a variety to package, they weigh about 25 pounds per thousand plants, packed for shipment.

Carrots

CULTURE—Sow from February to September in light, deep, rich soil in drills 12 inches apart; plants should stand 5 inches apart in the rows; fertilize well. One ounce of seed to 100 feet of drill; 4 pounds to the acre.

59. Danver's Half Long. Rich, dark, orange colored, good quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 85c; parcel post paid.

61. Chantenay. This is a stump-rooted variety, the best of its class. A half-long sort, unexcelled in quality and productiveness; very uniform in growth; flesh deep golden color; roots 3 inches in diameter at top and about 5 ins. in length, gradually tapering in symmetrical manner to the base. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 80c.
65. Oxheart, or Guerande. The best of the short-rooted, thick-formed carrots. Roots 3 inches wide at top, tapering to 2 ins. in diameter at the bottom. Length about 5 to 6 inches. Roots very free from hard core and of finest quality for table use. Both skin and flesh are highly colored. Being very short they are easily pulled from the ground, where the long sorts often have to be dug or plowed out in heavy soil. This is the carrot for you to plant this year. Easily grown and entirely satisfactory for home garden or market. Pkt. 10c; oz. 20c; 1/4 lb. 35c; lb. 90c.

60. Improved Long Orange. Old, well-known variety. Roots long and of deep, rich orange color. Heaviest cropping table carrot and profitable to grow for stock feed as well. Pkt. 10c; oz. 20c; 1/4 lb. 40c; lb. 80c.

62. Large White Belgian Carrot. (For Stock Feed Only). The South is just beginning to appreciate the value of root crops for stock. Of these, the Belgian Carrot is an invaluable crop, having produced as high as 20 tons of roots per acre. Plant on land that has previously been cultivated and worked deeply. Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. 90c.

Herbs

66. All gardens should have some space devoted to the more important Pot Herbs. A few varieties are grown solely for the seed produced, which is used for flavoring cakes, bread, confectionery, etc. The young stems and leaves of the plants used for seasoning and especially recommended for their long and of finest quality for table use. Both skin and flesh are highly colored. Being very short they are easily pulled from the ground, where the long sorts often have to be dug or plowed out in heavy soil. This is the carrot for you to plant this year. Easily grown and entirely satisfactory for home garden or market. Pkt. 10c; oz. 20c; 1/4 lb. 40c; lb. 80c.

Cauliflower

CULTURE—One ounce is sufficient for 100 feet of drill; 4 ounces will produce enough plants to set an acre. The cultivation of celery in a hot climate is attended with some difficulty, but while Southern celery is rarely so large as that grown in colder sections, it is not surpassed by any in firmness of stem and delicacy of flavor. "Cultivation of celery in a hot climate is attended with some difficulty."

Early Self-Blanching Varieties

64. Golden Self-Blanching. This is the most popular with all Southern market gardeners, and is far superior to all other sorts. Compact in growth, large stalks, and a beautiful rich golden yellow. Crisp and tender and free from stringiness. Our Golden Self-Blanching Celery Seed is grown for use in France by the originator, and can be depended upon for great purity and exceeding fine quality. We do not recommend the American grown stock, as it usually proves very unsatisfactory for a marketing variety, being pliny and thoroughly unreliable in most cases. Pkt. 25c; oz. 50c; 1/4 lb. 90c; lb. $2.00.

Winter Keeping Varieties

67. Giant Pascal. Deep green selection from the Golden set in the field early in April, in rows 2½ feet apart, allowing 18 inches between the plants. While in the frames the plants must be kept free from slugs, and if they appear, the soil and plants should receive a light sprinkling of lime. For a late crop, sow from the 15th of April to the 1st of July, transplanting in the same way as winter cabbage, and giving, if possible, rich, moist bottom land. The bed must be well weeded, and too much attention cannot be given to watering in dry seasons, as the leaves will droop, and the plant suffer. This is the best and one of the largest varieties of celery grown for use in France by the originator, and can be depended upon for great purity and exceeding fine quality. We do not recommend the American grown stock, as it usually proves very unsatisfactory for a marketing variety, being pliny and thoroughly unreliable in most cases. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. 90c.

68. Winter Queen. An exceptionally fine winter variety and especially recommended for its long keeping qualities. The stalks are of medium height, solid, crisp and of a fine nutty flavor. Pkt. 10c; oz. 30c; 1/4 lb. 50c; lb. $3.

Golden Self-Blanching Celery.

Celeriac

CULTURE—One ounce is sufficient for 100 feet of drill; 4 ounces will produce enough plants to set an acre. The cultivation of celery in a hot climate is attended with some difficulty, but while Southern celery is rarely so large as that grown in colder sections, it is not surpassed by any in firmness of stem and delicacy of flavor. "Cultivation of celery in a hot climate is attended with some difficulty."

RAISE CHICKENS—We sell everything for the poultry raising, and if we do not have in this catalog what you want, write us and tell us and we can supply you.
Sweet or Sugar Corn

75. Golden Bantam. An extra early sweet corn of very sweet and tender qualities; can be planted earlier than other sweet corns; small ear of golden yellow color, bears two and three ears to the stalk. Pkt. 10c; lb. 35c; 2 lbs. 65c; 5 lbs. $1.50; 10 lbs. $2.50.

76. Early White Evergreen. An early variety of Stowell’s Evergreen type, pure white kernel, deep grains and delicious in flavor; a very desirable corn for market gardeners, canners and home gardeners. Pkt. 10c; lb. 35c; 2 lbs. 65c; 5 lbs. $1.50; 10 lbs. $2.50.

77. Stowell’s Evergreen. This is the universal sugar corn. It makes large, well filled ears, bears abundantly on good soil; and the ears remain in the green state for a long time; deep-grained and very sweet. Pkt. 10c; lb. 35c; 2 lbs. 65c; 5 lbs. $1.50; 10 lbs. $2.50.

78. Country Gentleman. One of the richest and most popular late sweet corns, has a good sized ear with small cob, long slender grains, and is especially recommended for home gardeners. Pkt. 10c; lb. 35c; 2 lbs. 65c; 5 lbs. $1.50; 10 lbs. $2.50.

79. Howling Mob Corn. Pop Corn

79. Pearl. The most popular of all pop corns, a good yielder. Lb. 20c; 10 lbs. $1.50.

80. Queen’s Golden. A very handsome yellow pop corn. Lb. 20c; 10 lbs. $1.50.

Kirkland’s Garden Corn

CULTURE—Plant early corn in rich and well-manured ground from March to middle of April. Sugar corn in May, if ground is warm. Cultivate frequently. Plant a piece about every two or three weeks to get a succession of roasting ears. The early varieties can be planted as late as July for late roasting ears. One quart plants 200 hills, eight quarts per acre.

70. Adams Extra Early. The earliest sweet corn in cultivation, makes a small ear and stalks, can be planted close together, and is used by our market gardeners to catch the early market. Shelled—Lb. 30c; 2 lbs. 50c; 5 lbs. $1.00; 10 lbs. $2.00.

71. Adams Early. Similar to Adams Extra Early, but a little later and very much larger ears, earlier and harder than sugar corn; a profitable corn for truckers. Shelled—Lb. 30c; 2 lbs. 50c; 5 lbs. $1.00; 10 lbs. $2.00.

72. Adams Improved Early. An improved strain of the Early Adams, with larger and more uniform ears and deeper grains; perhaps a few days later in maturing than Early Adams. Shelled—Lb. 30c; 2 lbs. 50c; 5 lbs. $1.00; 10 lbs. $2.00.

73. Trucker’s Favorite. As name implies, this is the favorite with all market gardeners and truckers, following close to Early Adams in maturity; it is larger in ears, deeper in grain, and a sure crop; a sweet and palatable corn. Trucker’s Favorite is considered the best early market corn grown. Shelled—Lb. 30c; 2 lbs. 50c; 5 lbs. $1.00; 10 lbs. $2.00.

74. Kirkland’s Southern Snowflake. A beautiful large eared corn with deep, soft pure white grains, almost as early as Trucker’s Favorite, but grains and ears larger; a very desirable market corn for main crop. Lb. 30c; peck $6.00.
Cucumber

CULTURE—Cucumbers are very tender, and should not be planted until all danger of frost is past and the ground becomes warm. If planted earlier than this, they should be protected. Plant in hills 4 feet apart each way. Quantity of seed required—One ounce to 60 hills; about two pounds per acre.

83. Kirkland's Early Fortune. A great favorite with Fla. truckers, with fine dark green color, holding this color for a long time. A favorite for shipping to Northern markets. Nice, plump, crisp cucumber, with all good features for both home and shipping purposes. Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.25.

84. White Spine. A deep dark white-spine cucumber that will hold its color for a long time. This makes it a desirable shipping variety, as the color lasts several days after reaching Northern markets. This is a very early sort, and with proper cultivation will produce all perfect specimens. Our strain will be found to be satisfactory for every purpose both for home garden and shipping. This cucumber will satisfy. Pkt. 10c; oz. 20c; ¼ lb. 40c; ½ lb. 90c.

85. Early Green Cluster. Bearing in clusters of two and three. If fruit is picked will continue to bear throughout entire season. A fine deep green fruit. Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.25.

86. Improved Long Green. An old-time favorite in the South, making extra-long slim fruit that will hold color until well matured. A fine, nice brittle, well-flavored cucumber. Good for planting during all seasons of the year. Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.00.

87. Japanese Climbing. This is a climbing variety, vines attaining twice the length of the ordinary sorts. These can be trained to climb on fences or trellises, which will save space where it is limited. Fine variety for small gardens and where only a few vines are wanted. Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.65.

88. Everbearing. A fine cucumber, growing in bushy form, and a distance kind from all others. The vine produces early, and continues to do so until very late. Full matured fruits may be seen on vine while still blossoming, but these should be picked when too old to eat. Small ones make excellent pickling cucumbers. Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.35.

89. Southern Pickle. This variety has been grown and selected to produce numbers of small fruits just the proper size for pickling purposes, and when full grown are of a nice size for this purpose. This variety gives much better satisfaction than the use of immature fruits of other sorts. Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.25.

90. Gherkin, or Burr Cucumber. Small, round and pickling; used only for pickling. Pkt. 5c; oz. 15c; ½ lb. 50c. By express, oz. 15c; ¼ lb. 40c.

91. Davis Perfect. This is an early variety and makes long symmetrical fruit of deep green color, which it retains for a long time; considered one of the best table varieties, and is much thought of by our truckers; highly recommended. Pkt. 10c; ¼ lb. 25c; ½ lb. 90c.

Dill

92. Dill. An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning, but its largest use is for making Dill pickles. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. $1.25. Parcel post paid.

Egg Plant

CULTURE—Sow in February or March. When 2 inches high transplant to pots or good rich soil, and in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants. The large fruits are thick and of the most attractive form. The skin is a rich, lustrous purple black, and it is entirely free from spines or thorns. Pkt. 5c; oz. 50c; 2 oz. 75c; ½ lb. $1.25; parcel post paid.

94. New York Improved Purple. The old standard variety. Pkt. 5c; oz. 50c; 2 oz. 75c; ¼ lb. $1.25. Parcel post paid.

Endive

One ounce will sow 200 feet of drill. Make excellent greens for spring and winter use. Sow in March or September in drill or broadcast. Stands all winter. Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 30c; 1 lb. 50c. Parcel post paid.

Kale

98. Green Curled. The hardest variety, beautifully_curled. Pkt. 5c; oz. 25c; 2 oz. 40c; ¼ lb. 75c; 1 lb. $2.00. Parcel post paid.

Kohl-Rabi

95. Early White Vienna. This is the best and the earliest variety for table use. Pkt. 5c; oz. 25c; 2 oz. 40c; ¼ lb. 75c; 1 lb. $2.50. Parcel post paid.

Endive—Sow from 2 to 3 lbs. to the acre, one ounce to 200 feet of drill. Make excellent greens for spring and winter use.
**Kirkland's Lettuce Seeds**

**CULTURE**—Lettuce is easy to grow, but requires rich, moist soil, clean and thorough cultivation, and plenty of water to give it that quick-growth on which depends its tenderness and flavor. They may be had at all seasons of the year. For a succession sow every three weeks. sowings may be made in open ground early in the spring and the plants thinned out. For fall use sow in July and August. Fall sowings of hardy kinds should be made in September; protect with straw or litter and they will head up in the spring, or transplant 3 inches apart under glass or canvas to head up in the winter. One ounce will produce about 1,000 plants; 3 ounces will make plants enough for an acre.

**101. New York, or Wonderful.** The plants are extra large and produce heads of immense size with the leaves closely folded; inner portion blanched easily, and leaves are always crisp and tender. **Pkt. 10c; oz. 25c; ½ lb. 65c; lb. $2.00.**

**102. Romaine, or Cos.** The long, spoon-shaped leaves form oval-shaped heads, and are easily blanched by gathering the outer leaves at the top and loosely tying them with soft string several days before wanted for the table. **Pkt. 10c; oz. 20c; ½ lb. 65c; lb. $2.00.**

**103. May King.** This valuable new Lettuce is, without any question, one of the best Lettuces on the list for early spring planting in the open ground. The heads are six to seven inches in diameter, of a clear light green, the outer leaves being slightly tinged with brown, the inner being clear, bright yellowish, with very rich, oily flavor. It is an excellent market sort, the round, compact heads being so solid that they carry extremely well. **Pkt. 10c; oz. 20c; ½ lb. 65c; lb. $2.00.**

**104. Grand Rapids.** Among the curled leaved lettuces there is no better for forcing, and for planting outdoors if sown in the fall or early in the spring. It does not form heads, but makes a large compact cluster crimped around the edges; crisp and tender. One of the earliest lettuces to grow under glass. **Pkt. 10c; oz. 25c; ½ lb. 60c; lb. $2.00.**

**105. California Cream Butter.** Good for open ground planting at all seasons in the South. Fine variety for market gardeners and shippers. Heads large and solid, the inside bleaching to a creamy yellow when properly grown. The pure strain of this variety can be distinguished by the small spots on the outer leaves. Our stock is strictly high-grade and of the purest strain. **Pkt. 10c; oz. 25c; ½ lb. 60c; lb. $2.00.**

**106. Early White Cabbage.**

This is the best all-around lettuce in cultivation. Does well for early spring, summer and fall planting. Makes fine, large, solid heads with blanched hearts. Crisp and tender. **Pkt. 10c; ½ lb. 60c; lb. $2.00, postpaid.**

**Leek**

CULTURE—Leek is generally considered superior to onions for soup- and cream-flavoring, etc. They may be had at all seasons of the year. For a succession sow every three weeks. sowings may be made in open ground early in the spring and the plants thinned out. For fall use sow in July and August. Fall sowings of hardy kinds should be made in September; protect with straw or litter and they will head up in the spring, or transplant 3 inches apart under glass or canvas to head up in the winter. One ounce will produce about 1,000 plants; 3 ounces will make plants enough for an acre.

**107. Large American Flag Leek.** This is the standard variety generally used. **Pkt. 5c; oz. 25c, postpaid.**

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**FREE DELIVERY**

Packets, Ounces or Quarter-Pounds, of all seeds excepting Beans, Corn and Peas ordered at list prices, will be sent FREE by MAIL or Express.
KIRKLAND'S SELECTED WATERMELONS

CULTURE—One ounce is sufficient for a row of 100 feet in hills; 2 or 3 pounds will plant an acre in hills. A rich but light and well-drained soil is needed to produce the best results. Plant the seeds 1 inch deep from April to June in hills not less than 8 feet apart each way. Avoid planting until the warm weather has become settled, as the vine will never thrive if checked by cold and it really pays to use the seed more lavishly than indicated above. Watermelon seeds have so many enemies that defensive stands are almost the rule rather than the exception, and sometimes the delay from replanting means failure of crop; no matter how many seeds are put in the hill, they should each be pushed in separately in order to guard against a bird or other destroyer making a clean sweep of the pocket. After the firstowing, cultivation must be shallowed and the crop "laid by" as soon as the ground is well covered.

Tom Watson Watermelon.

117. Kirkland's Dixie. The size is large, specimens weighing 50 pounds being not infrequent. The flesh is scarlet, very fine and extra firm. The rind, though thin, is a good keeping quality. One of the best shipping melons grown, often producing on a single vine 6 to 8 large oblong-shaped melons, of a dark green color, striped lighter green. Black seed. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

118. Tom Watson. In the South there are two classes of Watermelon—first, a thin rind table-melon; second, a tough rind shipping-melon. Watson belongs to the latter class; and while it does not compare in quality with Kleckley Sweets, it has proved wherever shipped to be a good eating melon—indeed, superior to any other of its class. The melons measure 18 to 24 inches. Brown seeds, with green rind. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

118 1/2. Kleckley Sweet. No other melon has ever attained such popularity for home use and nearby markets. This is a perfect melon for that purpose. Its eating qualities leave nothing to be desired. Vines strong and vigorous; melons medium to large in size. Oblong. The melons grow 18 to 24 inches in length; 10 to 12 inches through. Skin a very rich, dark green color; white seeds. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

119. Georgia Rattlesnake. This melon made Georgia famous as the finest melon-growing State. In no place in the world are finer, sweeter melons grown than the Rattlesnake. 60 to 75-pound Rattlesnake melons are nothing unusual. Light green with dark green stripes; red meat, with white seed tipped at stem with black. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

120. Stone Mountain. Another comparatively new variety which has met with much praise wherever grown. It is no doubt the finest, the sweetest and largest of all melons. It is almost round or square-shaped. It has a medium rind and deep pink flesh. Its large size, shape and color and delicious quality should make it outsell any other melon. Those who have tried it, pronounce it the finest and sweetest flavor of them all. On account of its thin rind, it will not stand long shipping. However, we believe it will soon become the favorite of all for both home garden and nearby market. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.50; 10 lbs. $3.50.

122. Florida Favorite. This variety originated with one of the most extensive melon growers of Florida. A beautiful melon, with dark and light green exterior; shape oblong; flesh bright crimson, crisp and deliciously sweet. A good shipper. White seed. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

123. Irish Grey. The size is uniform and large. Color of rind yellowish gray and almost as tough as that of the Citron. Ripens earlier than Watson and will keep in good condition for a long time after picking. Very prolific and a good shipper. A fine market sort. White seed. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

124. Excel. This is the shippers' melon. It is well adapted to Southern conditions, and for a shipping melon it can't be beat. The rind is tough, being a heavy cropper. It is a large, long dark green melon with faint stripes. Flesh red, crisp, solid, and a wonderful medium early shipper. White, black and brown seeds. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

125. Kolb's Gem. The melons are large, of a thick oval pocky form; skin is dark and light-green stripes. Flesh bright red, but coarse and of poor quality. Splendid for shipping and keeps well. Black seed. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

126. Mountain Sweet. An old variety but still the standard of excellence for quality; fruit oval, long and very dark green rind; meat red, sweet, with black seeds. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

127. Carolina Bradford. The Bradford is one of the best melons for home use and nearby markets, but we do not recommend it for shipping long distances. It is a favorite above all others in sections where it has been grown. It makes a strong healthy vine and very productive. The melons are large, elongated; rind dark green, with darker stripe; flesh red, remarkably tender and sweet. An excellent melon for home use. White seed. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

128. Harris Earliest. The earliest variety known and exceptionally large for so early a melon; handsome, uniformly of long oval shape and of first-class quality. Not only desirable for home use, but fine for shipping. Black seed. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

129. Cole's Early. One of the earliest, but small size. It is very prolific, producing nearly round melons with dark green rind, mottled with lighter stripes, Flesh bright red and crisp. A good variety for growing in the Northern States. Black seed. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.

130. Halbert Honey. A Texas melon. It greatly resembles the Kleckley Sweets, but is of darker color, more even, and regular in shape. Cannot be shipped great distances, as the rind is very brittle, but it is unsurpassed for home markets and family use. It grows from 15 to 30 inches long, is dark green, slightly ridged and blunt at the blossom and stem ends. White seeds tipped at stem with black. Pkt. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. $1.25; 10 lbs. $5.00.
CULTURE—Melons thrive best in a rich, light soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart. Each hill carries four or six hills for watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure. After all danger of the bugs is over, thin out to three plants per hill. When about one foot long, pinch off the tips to make them branch slightly and deepen it is netted. It has thick salmon flesh, very small seed and makes the fruit mature earlier. Give plenty of water and feed liquid manure occasionally. A few hills for early use may be had by sowing in hills of soil in a hotbed, and when warm enough transplant to open ground.

108. Extra Early Hackensack. Maturing in 70 days; green meat. Earliness is the feature that popularizes this melon. Size is small, about that of Rocky Ford. Its fruit is finely flavored and appetizing in looks. It is round, slightly flattened at the ends and netted. Good for shipping, especially for early market. Pkt. 10c; oz. 30c; lb. $1.00.

108½. Hearts of Gold. (ROODOO). An ideal shipping melon of very finest quality. Flesh rich orange color, very thick, firm and of delicious flavor. The seed cavity is small and the rind is very tough, making it a good shipper. A vigorous grower and a heavy cropper. Pkt. 10c; ¼ lb. 45c; lb. $2.00.

109. Osage, or Miller’s Cream. A rather large, main crop, oval slightly ribbed and well covered with a shallow, thin seed cavity, with a small seed cavity. This melon, exceedingly thick, with a small seed cavity. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid. By express, 1 lb. 85c; 5 lbs. and over, 75c per lb.

110. Knight. This is a splendid shipping melon. Somewhat earlier than Rocky Ford; medium sized, uniform in shape. Well netted, thick green flesh, and good quality. Oz. 10c; ¼ lb. 35c; lb. $1.00.

111. Kirkland’s Improved Rocky Ford. This new strain of Rocky Ford of ours differs from all others in that it is solidly and deeply netted throughout. It is almost impossible to get any “slip” cantaloupes with this strain, so thoroughly and deeply it is netted. It has thick salmon flesh, very small seed cavity and comparatively few seeds. Ripe in 85 days earlier than Rocky Ford, and makes the fruit mature earlier. If you are a cantaloupe grower, you know that advantage. We cannot recommend this strain of Rocky Ford too highly. For home use or nearby markets is a good one for either shipping or home use. We have the true Banana Muskmelon with its fine banana-like flavor. Just think of melons 24 to 31 inches long! The Banana will grow and make on poorer land than any other variety and will stand summer heat without injury and furnish you melons long after all other varieties are gone. It should be in every home garden in the South, both for its fine eating qualities and for late use. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $1.75.

112. Honey-Dew. Too much cannot be said for this fine melon, and we are anxious for all our customers to become acquainted with it. This is a cross between the African Cassaba and the Rocky Ford, flesh is light green and sweet as honey. The rind is straw color, very smooth and hard as the rind of a winter squash. It is a good shipper, selling at from fifty cents to one dollar and fifty cents per crate more than any other melon on the market. The average size of the melon is six inches in diameter and seven to eight inches in length, weighing five to six pounds. It matures about ten days later than the Rocky Ford and is very prolific. The melons will keep for several weeks and those maturing late may be kept until Christmas. Pkt. 10c; oz. 40c; lb. $2.00.

113. Pollock 10-25 Salmon Tinted. The latest improved shipping type of the Rocky Ford Cantaloupe, bringing the highest prices every¬where. The flesh is of delightfully rich aromatic flavor not excel¬led by any other kind. This is the most rust-resistant variety known, remaining green and thrifty under unfavorable conditions when others die. The melons run uniform in size and shape, and the flesh is unusually firm and deep, with a small seed cavity, making this an exceptionally good shipper. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $1.75.

114. Banana Muskmelon. We have the true Banana Muskmelon with its fine banana-like flavor. Just think of melons 24 to 31 inches long! The Banana will grow and make on poorer land than any other variety and will stand summer heat without injury and furnish you melons long after all other varieties are gone. It should be in every home garden in the South, both for its fine eating qualities and for late use. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $1.75.

115. Pink-meated Rocky Ford. (OR BURRELL GEM). This melon has a variety of names and is a good one for either shipping or home use. While the meat or flesh is known as “pink-meated,” in color it is really an orange-yellow. These melons are heavy in weight owing to the thick meat, which is firm and solid, more so than other varieties, and has become quite a favorite with many as a shipper. Netting is rather coarse and prominent as compared with other Rocky Ford strains, but it is an all right melon for shipment or home use, and is growing in popularity every season. Seed cavity is exceedingly small, with thick, firm flesh or meat of the very best flavor. The only objection to this variety is a tendency to split at blossom end in rainy weather. Genuine Rocky Ford, Colorado-grown seed. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $1.10.

116. Tip Top. This variety has for a long time been one of the standard and popular varieties. Probably no other melon is more universally used than Tip Top. It is a good shipper but for home use or nearby markets is a good one, having a delicious flavor, well netted, slightly oval, thick orange-color flesh, is very juicy and grows very large. We saw some melons last year weighing ten to fifteen pounds, and selling for as much as 60c to 75c. We are quite sure of our strain this year. Pkt. 50c; oz. 10c; ¼ lb. 30c; 1 lb. 90c, postpaid. By express, 1 lb. 85c; 5 lbs. and over, 75c per lb.

Kirkland’s Improved Rocky Ford Cantaloupes.
Onions

CULTURE—Onions are grown from seeds and also from bulbs, called Sets. To grow onions from seed, plant in the open in early spring rather thickly, 3/4 inch deep in rows 12 inches apart, and later thin the plants to 3 to 5 inches apart, and keep well cultivated. When grown this way 1 ounce of seed will sow 100 feet of row; 6 pounds to the acre. If Sets for planting the following spring are desired, sow the seed in March or April in wide rows, 20 to 40 pounds to the acre. When the tops die in the summer remove and store only the small Sets, spreading them thinly in a dry place, using the larger size for eating or pickling purposes. Onions require rich soil, and a liberal supply of manure from the poultry-house is very beneficial. But probably the most satisfactory way for the small home-gardener to grow early green onions is from the Sets. These may be put out in the spring, in March or April or in the fall, in September and October, 3 inches apart in rows 1 foot or more apart. One pound will set about 75 feet of row. Fertile well and keep well cultivated.

Growing Onion Sets from Seed—To grow onion sets, sow in broad, wide rows, in March or early in April, 40 to 50 pounds per acre, and keep clean of weeds. In late summer, or whenever the tops die, remove the small bulbs, buttons or sets, to a dry place, spread them out thinly on trays made of laths, piling the trays one on top of another, separated by blocks, so that the air can circulate freely between them. The larger sets should be sold for pickling, and only the smallest retained for planting.

130. Large Red Weathersfield. Pkt. 10c; oz. 25c; 1/4 lb. 15c; 1/2 lb. 20c; 1 lb. 35c; 1 lb. 75c.
131. Silver Skin, or White Portuguese. Pkt. 10c; oz. 20c; 1/4 lb. 60c; postpaid.
132. Yellow Globe Danvers. Pkt. 10c; oz. 20c; 1/4 lb. 60c; 1 lb. 2.50.
133. Extra Early White Pearl. Pkt. 10c; oz. 25c; 1/4 lb. 75c.
134. Prize Taker, or Spanish King. Pkt. 10c; oz. 25c; 1/4 lb. 75c; 1 lb. 2.50 postpaid. Not prepaid, lb. $2.50.

Onion Plants

CULTURE—Sow in any good garden soil thickly in drills 14 to 16 inches apart. Give good cultivation and keep free from weeds and grasses. Mustard leaves are large enough for salad in about four weeks from sowing, and may be cut. Sow seed from January to April and in early fall.

139. Chinese Mustard. We have sold this variety for years and it has always given complete satisfaction. Leaves are about twice as large as those of the Southern Curled, and are smoother. Leaves remain tender and in condition for a long time. Pkt. 10c; oz. 10c; 1/4 lb. 30c; lb. 75c.

Mustard

140. Giant Southern Curled. This is an old and well-known variety, used in the South for years. Is used for salads, like lettuce, and for boiling. Leaves are a beautiful green and are very crinkly or curled. Pkt. 10c; oz. 15c; 1/4 lb. 35c; 1 lb. 75c postpaid.
141. White Mustard. The seed of this variety is used for making commercial mustard as sold by grocers; also in pickling. Pkt. 10c; oz. 15c; 1/4 lb. 35c; 1 lb. 75c postpaid.
142. Ostrich Plume. This is an extremely curled variety of medium growth, making the finest quality salad. Pkt. 10c; oz. 15c; 1/4 lb. 35c; 1 lb. 75c.

Okra

143. White Velvet Okra. A standard variety throughout the South for home use and local shipment. We have a specialty fine, early, very round, smooth-podded strain of medium size, the pods being almost altogether free from ridges and is not prickly to the touch. This strain of the White Velvet we find to be the very best of all the white varieties. Pkt. 10c; oz. 10c; 1/4 lb. 15c; 1 lb. 50c.
144. Coker’s Pedigreed Okra. This distinct green-podded Okra is by far the best variety for market and shipping purposes, being used by many Southern truckers almost exclusively for this purpose. The original strain as originally introduced has been greatly improved, and its productiveness is simply wonderful, the pods starting to shoot out within 2 or 4 inches from the bottom of the stalks, and the whole plant is covered with them to the height of a man’s head (3 to 6 feet). Pods of an intensely dark green color, of unusual length, frequently 9 to 10 inches long. Are very slim and do not harden up as is usually the ease with other varieties. Pkt. 10c; oz. 10c; 1/4 lb. 20c; 1 lb. 50c postpaid.
145. Dwarf Green Prolific. The pods impart fine flavor and consistency to soups and stews, besides being very palatable when stewed and served like a dish of Asparagus. Its pods can be easily dried for winter. So delicious is the flavor that when once used it will be grown every year in Northern as in Southern gardens. Pkt. 10c; oz. 10c; 1/4 lb. 20c; 1 lb. 50c postpaid.
146. Improved Long Green. A very desirable sort for market gardeners; of medium height; very handsome; bears long pods, which remain tender a long time and are free from hard ridges. Pkt. 10c; oz. 10c; 1/4 lb. 20c; 1 lb. 50c.

ATTENTION TRUCK GROWERS: We make a specialty of Truck Growers’ Seeds. Write us for prices for seed in large quantities.

KIRKLAND’S SEEDS give larger and better yields. Plant them!
**Parsley**

**CULTURE**—A fine garnishing plant. Easy to grow. Should be sown both in fall and early spring in thin drills about 15 inches apart. Can also be grown in pots for home use where the demand is light. Makes a fine market gardener’s crop. Always a good demand for this from hotels and restaurants.

**198. Special Double Curled Moss.** A fine strain, double curled, that makes about the best appearance of any variety. Easy to grow and the best popular kind. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 90c.

**You, Too, Can Have the Same Success with Kirkland’s Seeds**

Augusta, Ga., Sept. 15, 1927.

B. B. Kirkland Seed Company, Columbia, S. C.

Gentlemen:—

I see in the Herald where you have purchased the business in Augusta formerly operated by N. L. Willet Seed Co. This is good news to me as well as a great many of my friends whom I have talked to. Augusta needs a good seed store and we know we will have one now.

I live a few miles from Augusta and have ordered seed from you a great many times and wish to say I have found them all you claim. This is one customer for your Augusta store.

Very truly yours,

(Signed) J. G.

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**Pumpkins**

**CULTURE**—Plant in May. In hills 8 to 10 feet apart, mixing well-rotted manure in each hill. Put 8 to 10 seeds in each hill, and cultivate till the vines get strong, when they should be thinned out, leaving two or three of the strongest in each hill. When planted in corn plant at the same time as the corn, in every fourth row, 10 to 12 feet apart in the rows, letting the hill of pumpkins take the place of a hill of corn. One ounce will plant 20 hills; three pounds one acre.

**147. Hollow Crown.** This is the best variety for the South, and is most generally used in this section. Makes a fine-flavored, sweet bulb with little tops. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.

**148. Guernsey.** This fine strain of parsnip, while not so long as the Hollow Crown, is thicker at the top. Of the best quality, and is preferred by many on account of the ease with which the crop can be gathered. Oz. 10c; ¼ lb. 35c; lb. $1.00.

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**Large Cheese Pumpkins.**

**CULTURE**—These seed should be sown in rows about 2 feet apart in the early spring and in early fall. One ounce of seed to 100-foot row.

**149. Japanese Pie.** A long-necked pumpkin, green and yellow striped; a fine pie pumpkin. Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. $1.25.

**150. Southern Field.** Famous old-time pumpkin; strong, vigorous grower. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. $1.00.

**151. Jumbo.** A large round yellow pumpkin, attaining an enormous size. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.85.

**152. Large Cheese.** Old-time favorite and a good variety; bright orange color. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.25.

**153. King of the Mammoths.** An immense variety that will always take the prize for the largest pumpkin, an excellent keeper, of golden yellow color. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.75.

**154. Cushaw, or Crookneck.** A fine table pumpkin, and also good for stock; flesh rich yellow and very tender, with finest flavor; the regular Pie Cushaw. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

**155. Sugar, or Pie Pumpkin.** Not a very large pumpkin, but of very sweet meat; flesh orange color, fine-grained, and excellent keeper. Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. $1.25.
KIRKLAND'S SEEDS SHO-GRO 18
B. B. KIRKLAND SEED CO.

KIRKLAND’S GARDEN or ENGLISH PEAS
For Spring Planting—Best Southern Varieties

183. Laxtonian. A dwarf pea with large handsome pods. It is slightly earlier than Gradus, maturing about the same time as Thomas Laxton. vines medium dark green and medium heavy foliage. Pods 3 3/4 to 4 inches long, slightly curved. Will bear more abundantly at top of vines, making it easy to pick, very heavy yielder, altogether a fine pea for private and market gardeners. Pkt. 10c; lb. 40c; pk. $5.00.

185. White Marrowfat. A big yielder for late summer and last crop. Pkt. 10c; lb. 25c; peck $3.00.

186. Black-eye Marrowfat. Grows from 3 to 5 feet high and an excellent variety for late crop. Pkt. 10c; lb. 30c; peck $3.50; bushel $11.00.

187. Telephone. One of the most productive of the large-podded wrinkled sorts, pods large and well filled, usually about 4 1/2 inches long. This is a rather late pea, but a heavy sure cropper, and should have its place when planting for continued production during bearing season. Pkt. 10c; lb. 30c; peck $3.00; bushel $11.00.

188. Gradus, or Prosperity. Vines 9 to 12 feet high. Producing uniformly large pods, about 4 inches long; very prolific bearer and good sure cropper. Recommended highly for earliness, quality and size. Pkt. 10c; lb. 30c; peck $3.00; bushel $11.00.

189. Champion of England. Universally admitted to be one of the best late peas grown. Makes large, tender, luscious peas, pods about 3 inches long; very profuse bearer. Pkt. 10c; lb. 30c; peck $3.00; bu. $11.00.

Mammoth Luscious Sugar Pea (EDIBLE PODDED)

190. Dwarf and Tall. We list two edible-podded kinds, the Dwarf Grey and the Tall Mammoth-Podded. When these peas have reached about half their mature size they are picked and cooked, pods and all, just as you would string snap beans. This is a most delightful dish. Pkt. 10c.

191. Small White Lady Pea. Pkt. 10c; lb. 25c; 2 lbs. 45c.

192. Large White Black-eye, or Ramshorn Pea. Pkt. 10c; lb. 25c; 2 lbs. 45c.

CULTURE—Peas do best in a light, rich, loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not as hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession plant every two weeks—as late as August for a late crop. The Marrowfat planted in November, December, or January will come in just after the extra earlies. When grown for market peas are rarely staked; in small gardens grow in double rows 6 to 8 inches apart and stake with bush. They should be kept clean and the earth worked toward them two or three times during growth. One quart will plant 100 feet of drill; 1% bushels for an acre.

179. First and Best. Our best early pea for the South, for either home use or for the market. This pea will excel where an extremely early pea is wanted. For years this pea has held the record for earliness and prolificness, being used to a large extent by Florida shippers. Will quite often bear in thirty days’ time from planting. Pkt. 10c; lb. 30c; peck $3.25; bushel $11.00.

180. Alaska Extra Early. Next to First and Best, we consider this pea to be the best early pea planted. Bears in about five weeks. A splendid shipper and very prolific sort. Pkt. 10c; lb. 30c; peck $3.25; bushel $11.00.

181. Ameer, or Large-Podded Alaska. Similar to the Alaska Extra Early, only a little later and making a larger pod and peas. A fine kind to follow the first earlies. Pkt. 10c; lb. 30c; Not prepaid, peck $1.00.

182. Thomas Laxton. A heavy and reliable cropper, bearing uniform, long, straight and green pods, with 6 to 8 peas; a heavy vigorous grower, vines reaching a height of about 3 feet almost as early as the extra-early kinds. Pkt. 10c; lb. 30c; peck $1.00; bushel $11.00.
Peppers

202. Pimento Pepper. A great mild-flavored variety, the favorite for salads. This is practically a new variety in our country, but one that has been grown in Spain for years, and from which the famous Spanish Pimento is made. The flavor is almost as mild as that of an apple; can be eaten raw, baked, stuffed or canned and used as a salad. The skin can be removed by scalding. This superb variety should be grown in every Southern garden, for it fills a place all its own that other peppers cannot. Pkt. 10c; ¼ oz. 35c; oz. 50c; ¼ lb. $1.50; lb. $5.50.

203. Chinese Giant. The fruits of this variety are mammoth, averaging 12 to 15 inches in circumstances, and notwithstanding the immense size, it is early and prolific; the stocky, well-branched plants, about 2 feet high, carry a large crop of most attractive peppers. The flesh is thick, tender, mild, sweet and unexcelled for use as salad or for stuffing for “Mangos.” When ripe the surface is of a brilliant, glossy scarlet. Pkt. 10c; ¼ oz. 25c; oz. 40c; ¼ lb. $1.40; lb. $4.50.

204. Ruby King. One of the most popular large-fruit peppers, bearing a liberal crop of large ruby-red fruits, 5 to 6 inches long by 3 to 4 inches in diameter; flesh exceedingly thick, sweet and mild. It is a favorite sort for use as salad stuffing, etc. Pkt. 10c; ¼ oz. 25c; oz. 40c; ¼ lb. $1.40; lb. $4.50.

205. Ruby Giant. A grand, large, sweet pepper, growing to an extra-large size and very mild flavored; mild enough to be eaten raw. Flesh very thick and bright, ruby-red when thoroughly ripe. Great favorite with market gardeners and truckers. Good for stuffing. Best seller grown. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. $1.40; lb. $4.50, postpaid.

206. Long Red Cayenne. Very hot; is used for pickling when dry. A long, tapering variety. Pkt. 10c; ¼ oz. 30c; oz. 65c; ¼ lb. $1.50; lb. $5.50.

207. Large Bell, or Bull Nose. This is an old and well-thought-of standard variety both for home and market gardeners; as a good sure crop-Per, fruits are about 3 to 3⅓ inches long and 2 to 3 inches across; inclined to be a little hot. Pkt. 10c; ¼ oz. 15c; oz. 30c; ¼ lb. $1.00; lb. $2.25.

Kirkland’s Maine-Grown Seed Potatoes

Write for Current Prices.

Selected Seed Stocks, grown especially for seed purposes, by the best and most careful seed potato grower in Aroostook County, Maine. Purity and quality considered before price.

Prices on Potatoes fluctuate, and are subject to market changes.

Bug Death. is the sure-shot potato-bug killer; will positively kill all kinds of leaf-eating insects. Sprinkle on the plants while the dew is on, and by applying a few times all bugs will be killed out. Not poisonous to humans, and will not kill plants. 1 lb. 30e to First and Second Zones; 3 lbs. 75e—add regular postage to other Zones if to be mailed. Not prepaid, 1 lb. 25c; 3 lbs. 45c—Express collect.

193. Irish Cobbler. A fine, very prolific, oblong white potato, a well-known variety that is planted largely throughout the South. Pkt. 85c; bu. $2.00; 10-pk. bag $4.25. Price subject to change. Write when ready to buy.

OTHER VARIETIES

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<th>Pkt.</th>
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194. Bliss Red Triumph. A potato too well known for description. We have the genuine Maine grown potatoes, grown by the best growers in the business; free from disease and the best to be had in every respect. Pkt. 85c; bu. $2.10; 10-pk. bag $4.50. Price subject to change without notice.

195. Early Rose. The genuine Early Rose, and not to be compared with Western stocks, as it is much earlier, more prolific, and a better potato in every respect. Pkt. 85c; bu. $2.10; 10-pk. bag $4.50.

196. Lookout Mountain. The wide popularity of Lookout Mountain is due to its heat and drought resistant quality which enables it to withstand a hot and dry season and yet make a satisfactory crop during the cooler weather of the fall. Among late potatoes there is probably no variety that is a surer cropper than Lookout Mountain and the potatoes are generally of good size, smooth, oval in shape with white skin. Not prepaid, ½ peck 40c; peck 50c; ½ bushel $1.15; bushel $2.10; bag (10 pecks) $4.75.

197. Green Mountain. (NORTHERN GROWN). Has the reputation of making big crops everywhere and on practically any kind of soil, producing large, handsome, smooth, oval-shaped potatoes with white skin. The tubers generally run uniformly large with very few small potatoes, especially if grown on good ground. Medium late in maturity; not susceptible to disease; a uniform producer and of the finest table quality. Not prepaid, ½ peck 40c; peck 50c; ½ bushel $1.20; bushel $2.20; bag (10 pecks) $5.00.

Chinese Giant Pepper.
Salsify
(Oyster Plant)

CULTURE—A vegetable which ought to be more cultivated than it is. It should be sown in the fall of the year, not later than November. The ground ought to be manured the spring previous, deeply spaded, and well pulverized. Sow in drills about 10 inches apart, thin out to from 4 to 6 inches in the rows.

177. Mammoth Sandwich Island. A great improvement over the old sort, growing double in size. Pkt. 10c; oz. 25c; 1/4 lb. 45c; lb. $1.50.

178. Sorrel. Planted in drills a foot apart during the fall of the year and thinned out from 3 to 44 inches in the drills. It is used for various purposes in the kitchen; also in soups and salads. Cooked like spinach. Pkt. 10c; oz. 25c; 1/4 lb. 75c, postpaid.

Squash

CULTURE—Should not be planted until after frost and cold nights have passed. One ounce to 25 hills is about right. Plant in well-enriched soil and keep free from bugs.

171. Early White Bush. A large white bush variety, scalloped edged flat and greenish-white color; very fine. Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. $1.50.

172. Mammoth White Bush. Same as the Mammoth, only smaller and earlier. Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. $1.50.

Spinach

CULTURE—Two ounces are sufficient for 100 feet of drill. For an acre 5 to 10 pounds, if planted in rows 18 inches apart, or 20 to 35 pounds if planted in ten-inch drills on beds that are usually either 4 or 7 feet wide. The latter is the method employed by our largest growers of spinach. As spinach cannot be grown upon poor land, manure heavily and trench deeply, timing being usually advantageous. For early use, sow from the middle of August until the middle of November, in drills not more than 1 inch deep. Although there is considerable danger of failure to get a "stand" if the weather is very warm, spinach being a cold-weather plant, there is no other way of having it ready for use in December. The main crop should be sown during October, about the middle of the month if conditions are favorable. When the plants are started, begin thinning out until they are from 4 to 6 inches apart. For summer use, sow at intervals from February to April, after which all kinds except the New Zealand rapidly run to seed.

199. Bloomsdale Savoy. A fine crinkled leafy variety in much demand; makes very fine salad. Pkt. 10c; oz. 15c; 1/4 lb. 25c; lb. 65c.

200. New Zealand Spinach. The best summer variety, growing during all hot summer weather and dying down after frost; bears leaves in rosettes, which are picked off to be cooked. Will continue to produce all during season. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $1.50.

201. Improved Curled Long-Standing. The foliage is heavy, the broad, dark green leaves are of the finest quality. It is in prime condition from two weeks to three weeks after other varieties of spinach have run to seed. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. $1.85.

173. Early Yellow Bush Crookneck. Same shape as the Yellow Summer Crookneck variety, growing in bush form. Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. $1.75.

174. Giant Summer Crookneck. A fine crookneck squash, very prolific and a good sure cropper. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $1.85.

175. Yellow Summer Crookneck. Earlier than the Giant Crookneck same shape, but smaller. Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. $1.75.

176. Boston Marrow Squash. Running squash, planted in late summer for winter use same as pumpkins. Pkt. 10c; oz. 15c; 1/4 lb. 40c; lb. $1.50.
Radish

CULTURE—For best results require a loose, rich, moist soil. Can be sown during all spring and summer and during early fall, the long varieties being best for summer plantings, as they reach moisture better than the turnip kinds.

208. Early Long Scarlet. Flesh very crisp and tender; bright scarlet color; long, tapering shape. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

209. French Breakfast. A very tender half-long variety of fine flavor. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

210. China Rose Winter. A fine winter radish, most popular variety grown; deep scarlet, pure white inside flesh. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

211. Early Scarlet Turnip, White Tipped. One of the best early radishes for the home garden and a great favorite in large markets for early planting outdoors. It is but little later than Early Scarlet Turnip, White Tipped. Fleshy and will give entire satisfaction where extreme earliness and small tops are not the chief considerations. The roots are nearly round, slightly flattened on the underside. The color is very bright, deep rose-carmin scarlet with a distinctly white tip. The flesh is white and of the best quality. The stock we offer is exceptionally attractive in its splendid coloring. The scarlet is unusually deep and affords a distinct contrast with the large, clear white tip. Pkt. 10c; ¼ lb. 40c; lb. $1.25.

212. White Icicle. Matures in 30 days. A long white variety. Skin is white and smooth, almost transparent; meat is crisp and without core. Will hold ten days without becoming mushy. A favorite for home use or market. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.25.

213. Large Black Spanish. Matures in 70 days. Grayish-black skin; white meat. Extremely hardy and remains crisp in the ground longer than other varieties. Flavor is distinctive. Pkt. 10c; oz. 15c; ¼ lb. $1.25.

Rhubarb

One Ounce of Seed Produces 500 Plants.

214. Victoria. Very familiarly known as the Pie Plant. The foot stalk is the portion that is used and is the first vegetable of the season from the garden; cultivated to a great extent and is indispensable wherever it is known. Sow the seed early in the spring in rows 1 foot apart on rich ground; the second year after planting they can be removed in autumn to the permanent spot allotted to them; plant the roots 2 feet apart each way in ground that is well enriched at least 2 feet deep. Pkt. 5c and 10c; oz. 15c; ¼ lb. 30c; lb. $1.00. Roots, $1.00 per dozen—add 25c per dozen if sent by mail; $7.00 per 100. Express collect.

Turnips

One Ounce for 200 Feet Drill

CULTURE—They do best in highly enriched, light, sandy or gravelly soils. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 or 9 inches in rows. For a succession sow at intervals of a fortnight until the last week in July, from then until the end of August sowing may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about 1 inch from the bulb, storing in the cellar or cold shed during the winter, covering the roots with dry sand. They should be harvested before the severe frost sets in, for, though comparatively hard, few will survive the winters of the Northern States in the open ground.

161. Golden Ball, or Orange Jelly. One of the sweetest flesh yellow Turnips yet introduced; not of large size, but firm, hard, and of excellent flavor; good keeper and superior table variety; of bright golden orange color. Pkt. 10c; ¼ lb. 20c; lb. 65c.

163. Purple-Top Globe. Makes large globe-shaped roots with purple tops. A big yielder and fine for home use and the market. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 60c.

165. Southern Snow-White Globe. A very superior white round-globe turnip; flesh firm and solid. Pkt. 10c; oz. 10c; ¼ lb. 25c; lb. 60c.

166. Extra-Early White Egg. A quick-growing white egg-shaped variety with small tops; a fine early variety that always satisfies. Pkt. 10c; oz. 10c; ¼ lb. 20c; lb. 70c.

167. Yellow, or Amber Globe. A fine yellow-fleshed variety, round and very sweet; one of the best yellow kinds. Pkt. 10c; oz. 10c; ¼ lb. 20c; lb. 70c.

168. Seven Top. The great salad or greens variety. Makes an abundance of tops that make finest turnip salad. Very rank grower; bulbs are often large enough to eat, but this is primarily a salad variety; very hardy. Pkt. 10c; oz. 10c; ¼ lb. 25c; lb. 90c.

169. Yellow Purple-Top Aberdeen. An old standard variety, well known and very popular large yellow globe with purple top, fine keeper and good for stock feed. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

170. Improved Purple Top Yellow Rutabaga. Finely bred strain. Pkt. 10c; oz. 10c; ¼ lb. 25c; lb. 75c.

Other Well-Known Varieties Are

156. LONG WHITE COW HORN. Oz. 10c; ¼ lb. 20c; lb. 65c.
157. EARLY FLAT WHITE DUTCH. Oz. 10c; ¼ lb. 20c; lb. 60c. 158. PURPLE TOP STRAP LEAF. Oz. 10c; ¼ lb. 25c; lb. 60c.
159. WHITE MILAN. Oz. 20c; ¼ lb. 40c; lb. $1.25. 160. FUPELPLE TOP MILAN. Same as the White. 162. SOUTHERN PRIZE. ¼ lb. 25c; lb. 75c. 164. POMERANIAN WHITE GLOBE. Oz. 10c; ¼ lb. 20c; lb. 50c.
CULTURE—Sow in hotbeds or shallow boxes in the house early in the spring, transplanting in the beds to promote root growth, and when danger of frost is over, set 3 or 4 feet apart outside. Expose to the air as much as possible to harden them, and water freely when transplanting, shading them in a few days from the sun until thoroughly established. Earliness may be promoted by growing in pots, shifting to larger size as they become filled with roots. Earlier fruits may also be had by allowing only the original stem to bear. If the plants are staked, they may be grown closer together and produce more perfect fruits.

June Pink Tomatoes.

215. Brimmer Tomato. A large variety, of fine quality, very solid, productive, and practically all meat, containing very few seeds. A splendid variety for home gardens. Pkt. 10c; 1/2 oz. 50c.

216. June Pink. Considered an improvement on Earliana. Extra early with beautiful pink color. Medium size, smooth and prolific. Pkt. 10c; oz. 25c; 1/4 lb. 75c; 1b. $2.50.

217. Matchless. One of the best main crop tomatoes. Very solid; few seed; large smooth fruit. A main crop, it is unsurpassed. Pkt. 10c; oz. 20c; 1/4 lb. 75c; 1b. $2.50.

218. Earliana. (SPECIAL STRAIN). A standard extra-early variety. Largely grown by market gardeners. Bright red, smooth and attractive in appearance. Pkt. 10c; oz. 25c; 1/4 lb. 80c; 1b. $2.50.

219. Yellow Pear. Small pear-shaped variety, used for preserving. Pkt. 10c; oz. 25c; 1/4 lb. $1.25; 1b. $5.75. Postpaid.

220. Bonnie Best. Early, smooth, bright red tomato. Medium in size. Uniform and attractive. Growing in favor for market and home use. Pkt. 10c; oz. 25c; 1/4 lb. 75c; 1b. $2.00.

221. Kirkland's Avon Early. The fruits are large for so early a variety, round or slightly flattened, deep scarlet red color, smooth, free from cracks and of fine quality. It produces ripe fruit as early as Earliana and continues to yield marketable fruit for a longer period than the other first early varieties. The vines are vigorous and very productive. We consider this a valuable addition to the list of early sorts grown. Pkt. 10c; oz. 30c; 1/4 lb. 90c; 1b. $3.50.

222. John Baer. An extra early scarlet fruited variety of large size, smooth and prolific. Pkt. 10c; oz. 40c; 1/4 lb. 1.10; lb. $4.00.

223. Matchless. Is a well-known variety that has been known for years as being one of the best main-crop tomatoes. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. 85c; 1b. $2.75.

223 1/2. Marglobe Tomato. Marglobe was primarily bred to produce a crack but ripen up perfectly. They are a deep scarlet in color and are nearly round, smooth, firm, and of excellent quality. It is one of the best main-crop tomatoes. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. 85c; 1b. $2.75.

224. Stone. A great late crop tomato; color bright red; a good shipper and a well-known variety. Pkt. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. 85c; 1b. $2.50.

224 1/2. Marvel. Pkt. 10c; oz. 50c; 1/4 lb. $1.50; lb. $5.50.

225. Ponderosa Tomato. The largest and best known today. Makes large slicing tomato. Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. $1.00; lb. $3.50.

225 1/2. Norton Wilt Resistant. This variety is widely used in some sections of the country, and is very reliable and a good all-round variety, of fine quality, and is only mildly acid. This is a superior sort for both table use and canning. Pkt. 10c; oz. 50c; 1/4 lb. $1.50; lb. $5.50.

226. Early Acme. A purplish, round, heavy-fruited tomato, with tough skin, and one of the best early sorts grown. Has few seed and very thick meat; a good canner. Pkt. 10c; 1/2 oz. 25c; oz. 45c; 1/4 lb. $1.00; lb. $3.50.

227. Chalk's Early Jewel. One of the best extra-early tomatoes; fruits are large for an early kind; seed come small, solid and meaty; a good all-round early tomato that always pleases. Pkt. 10c; 1/2 oz. 25c; oz. 45c; 1/4 lb. $1.00; lb. $5.50.

228. Golden Queen Tomato. A bright yellow variety, and about the best yellow tomato planted; good for table use, canning and for all other purposes. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. $1.00; lb. $3.00.

228 1/4. Norduke. Pkt. 10c; oz. 50c; 1/4 lb. $1.50; lb. $5.50.

229. Blight-Proof Tomato. No chance for "Die Back" or Tomato "Blight" now to ruin your tomato crop if you plant seed of our new home selection. This is the only blight-proof tomato of extra-fine quality that has ever been offered. Fine flavor, beautiful appearance, extra hardy; fruits from early in the season until very late; it could almost be called "Everbearing." Very prolific, and the fruit is of the best average size for shipping. Our tomato specialist has been breeding and re-selecting this strain for several years. Though it has shown up fine for the past two years, we would not offer it until it could be called the abso- lutely blight-proof tomato. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. $1.25.

230. Dwarf Champion. A bushy sort, making fine fruit and self-supporting, a good quick producer. Pkt. 10c; 1/2 oz. 25c; oz. 45c; 1/4 lb. 85c; 1b. $3.25; postpaid.

231. Redfield Beauty. A great main-crop tomato, and one of the best varieties for the market. It is a splendid variety, has high acid content, making it a good keeper when canned. Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. $1.00; lb. $3.50.
KIRKLAND'S FLOWER SEEDS

Our flower seed list comprises the best selections of all stand-varieties of flowers usually found in the garden, and all varieties listed here are popular and deserving of a place in every flower garden. The letter "A" after the name of the flower indicates that the flowers are annuals, blossoms only the first year and should be sown each year. The letter "P" indicated that the variety is a perennial, and blossoms for several years after sowing.

CANDYTUFT (A)—Popular favorites, flowering profusely the whole summer. Very valuable for edgings and borders, fairly covered with blooms, and are grown for cutting. Height 8 to 12 inches. Mixed colors—Pkt. 10c.

CELOSIA (A)—Beautiful showy summer bedding annuals with large bright flowers of golden yellow, variegated with rich brown. Mixed—Pkt. 10c; oz. 35c; ½ lb. 50c.

CENTAUREA, GYMNOCarpa—Dusty Miller (P)—Flowering early and the little star-shaped flowers appeal to every heart. Hardy perennials. Pkt. 10c.

CENTAUREA—Woolly Thistle (A)—Flowers are terminal and half as high as height of plant. Colors, white, lavender and rose. Fine Mixed—Pkt. 10c.

CENTAUREA—CORN FLOWER—Mixed colors, pkt. 10c.

CHRYSANthemum (A)—These annual Chrysanthemums have a charm of their own. The blooming season is from very early summer until frost, and their gay colors make beds or borders attractive throughout the season. Some of the best others before flowers are apt to be superfluous. Mixed Varieties—Pkt. 10c.

CHORSAMOS (A)—Pure white flowers, blooming profusely the whole summer. Very useful for early spring and summer flowering. Mixed Colors—Pkt. 10c. White Colors—Pkt. 10c.

DIANTHUS, OR PINK (P)—These popular flowers, commonly known as Chinese and Japanese Pinks have freedom of bloom and almost certain satisfactory results, they stand close to the Nasturtium, Hardy biennials blooming the first year from seed. Mixed Varieties—Pkt. 10c.

DIANTHUS, OR PINK (P)—These popular flowers, commonly known as Chinese and Japanese Pinks have freedom of bloom and almost certain satisfactory results, they stand close to the Nasturtium, Hardy biennials blooming the first year from seed. Mixed Varieties—Pkt. 10c.

CARNATIONS (P)—These well-known flowers are easily grown and are splendid for early spring and summer flowering. Mixed Varieties—Pkt. 10c.

DIANTHUS, OR PINK (P)—These popular flowers, commonly known as Chinese and Japanese Pinks have freedom of bloom and almost certain satisfactory results, they stand close to the Nasturtium, Hardy biennials blooming the first year from seed. Mixed Varieties—Pkt. 10c.

ESCHOLTZIA—California Poppy (A)—The beautiful State flower of California. The foliage is finely cut and has a bluish tinge, delicate and very attractive. Can be sown in any soil. It is best to sow the seed in the garden where the plants are to remain, so they do not transplant easily. Pkt. 10c.

FOUR O'CLOCK—Marvel of Peru (A)—A well-known favorite plant, bearing freely funnel-shaped white, red and striped flowers, which open about four o’clock in the afternoon, remaining open all night; and usually are closed before noon the next day. Sow seed in spring in open ground in any good garden soil. The plants should be given plenty of room, about three feet apart. Pkt. 10c.

HOLLYHOCK (P)—Entirely different and more beautiful than the common variety. Of twelve years ago, being much more compact in growth, the flowers larger, more richly colored and of better form. Height, 5 feet. The double varieties are the most desirable. Double Mixed—Pkt. 10c.

HELiotrope (P)—May be grown from seed first season, very fragrant. Height, 2 feet. Mixed colors—Pkt. 10c.

HIBiscus—Large, showy flowers, from two to two and one-half feet high, is densely covered with small feathery light green foliage, which, as the summer advances gradually changes to crimson. Very ornamental, and of easy culture. Pkt. 10c.

LARKSPUR (A)—The Larkspur is one of the handsomest and most useful of all perennial plants. The colors are extremely varied and in mixed borders its profuse masses of purple, white and red show splendidly. Height, 12 inches. Double Dwarf Varieties Mixed—Pkt. 5c.
LOBELIA (A)—Profuse blooming little plants, of great value for edging, hanging baskets or vases. It is completely covered with flowers for a long time. If given plenty of water it may be kept in flower all summer. Pkt. 10c.

LOVE IN A MIST—Nigella (A)—A hardy annual one-foot high, African—The best tall variety with large, double blossoms. Pkt. 5c; oz. 10c; lb. 35c; lb. 75c.

LAVENDER (A)—Grown for exhibition flowers. These pansies are wonderfully beautiful in every way and the very best there are. The small difference in the cost of this seed over the other seed is covered one hundred-fold in satisfactory results to the grower. Pkt. 10c.

PETUNIA (A)—There is no bedding plant of easier culture than the Petunia, and few that make a gayer appearance when in full bloom. They are easily grown and very popular for bedding. They thrive best in a warm, sunny location. The shape of the flower is similar to that of the Morning Glory. Sow the way all thinly where the plants are to remain, or for early blooming sow in the house in boxes. Single Mixed, Pkt. 10c; Double Mixed, Pkt. 10c.

PETUNIA—Tall Growing.

PAPAVER (A)—Hardly any class of plants afford the same brilliant colorings and showy display. They are of easy culture, the seed being sown where they are to remain. Thin the plants 6 to 12 inches apart. Shirley Poppy, Pkt. 10c; Tulip Poppy, Pkt. 10c. Double Mixed—All the fancy and named double varieties mixed. Pkt. 10c.

PANSY (J)—No description is needed of these little favorites, for they are the choicest and prettiest flowers of the Dwarf variety. The plants are vigorous, compact growth, with immense, three-blotched flowers. Pkt. 10c.; Double Mixed, Pkt. 10c.

PERPETUAL (A)—Giant hybrid, charming and popular. The plants 6 to 12 inches apart. Shirley Poppy, Pkt. 10c; Tulip Poppy, Pkt. 10c. Double Mixed—All the fancy and named double varieties mixed. Pkt. 10c.

PETUNIA—Tall Growing.

PHLOX DRUMMONDI (A)—One of the prettiest and most popular of garden annuals. Makes very attractive beds, and continues to bloom throughout the summer. Sow in April, in open ground, or can be started earlier indoors.

GRANDIFLORA LARGE FLOWERING MIXED—A great improvement on the common type, both heads and florets being nearly twice as large. Pkt. 10c.

EXTRA CHOICE MIXED—This mixture is unexcelled for profusion of bloom and wide range of brilliant colors. Pkt. 10c.

bicinia—Castor Oil Plant (A)—Luxuriant rapid-growing annual, 6 to 8 inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The seed germinate slowly and should be started under glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground.

Mixed—This is an extra fine strain with very large blossoms and splendid colors. Pkt. 10c.

PINE LARGE FLOWERING MIXED PANSY—This seed is saved from very good varieties, the flowers are small in comparison with the fine sorts, but the colors are good. Pkt. 10c.

LOBELIA (A)—Profuse blooming little plants, of great value for edging, hanging baskets or vases. It is completely covered with flowers for a long time. If given plenty of water they may be kept in flower all summer. Pkt. 10c.

Kochia or Burning Bush.
Gladiolus

**AMERICA**—Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink, glistening in the sunlight as if sprinkled with diamond dust. 75c dozen; $5.00 per 100.

**AUGUSTA**—Pure white lavender anthers; strong straight spike often having branches. 35c per dozen.

**BARON HULOT**—Full round flowers of rich velvet purple-violet, lighter in the throat, a small golden rib through the lower petals. $1.00 per dozen; $7.50 per 100.

**HALLIBY**—Immense flowers of bright orange-red and having a softer yellowish tint in the throat. 30c doz.; $1.00 per 100.

**INDEPENDENCE**—Very large wax-like flowers of vivid orange-red color with richly marked throat. 30c doz.; $1.00 per 100.

**MRS. FRANCIS KING**—Most beautiful and vivid pink; 18 to 20 immense flowers borne on a long strong spike. 75c doz.; $5.00 per 100.

**MRS. P. FRANK PENDELETON**—Salmon-pink which extends to reverse side of the petals as well as in the center, with a rich deep maroon blotch on the three lower petals. Flowers are wide open and well placed on strong spikes. $1.00 doz.; $7.50 per 100.

**PURITY**—A new white variety with large pure white flowers. 35c doz.; $1.50 per 100.

**SCHWABEN**—Pure canary-yellow; with a carmine blotch deep in the throat which aids in detracting from its uniformity in color. Flowers are wide open, large in size and well placed on strong spikes of medium height. $1.50 per doz.; $12.00 per 100.

**SULPHUR KING**—A clear sulphur-yellow. The flowers, while not as large as Schwaben, are elegantly placed on the spike. $2.00 per doz.

**CULTURE**—Sweet Peas should be sown in drills as early as possible in spring in rich, friable soil. Prepare the bed thoroughly, digging in a quantity of well-rotted manure, if it can be done, making a furrow 1 to 2 inches deep. In this sow the seed and cover 2 inches deep. As soon as the plants begin to show through fill in the furrow. This will secure a deep planting without the bad effects of deep covering at the seed at first, and so enable the plant to bloom continuously through the heat of summer. As fast as the flowers come into full bloom they should be cut off for if the pods are allowed to form the plants will stop blooming. In the selection and growing of our Sweet Peas we have obtained the services of one of the leading expert Sweet Pea growers in the world, who has made the growing, propagation and development of grand, new, elegant varieties of Sweet Pea one of the highest aims of life. We, therefore, commend our extra-superior varieties to you with the assurance that if you plant them you will have, without exception, the finest collection of colors and varieties of Sweet Peas of any one in your locality.

**WHITE**
- Snowstorm
- Cream or Yellow
- Primrose

**LIGHT PINK**
- Countess Spencer

**DEEP PINK**
- Doris Usher
- Illuminator

**SALMON PINK**
- Barbara

**BLUE**
- Margaret Madison
- Wedgwood
- Royal Purple

**MAROON**
- Nubian

**BL-COLOR** (Pink and White)
- Blanche Perry Spencer
- Mrs. Cutler-Benson

**PICTURE EDGE**
- Dainty Spencer, white, edge pink
- Mrs. Townsend, white, edge pink
- Mrs. C. W. Breadmore, cream, edged pink

**STRIPE**
- Senator Spencer

**SUPER MIXED SPENCERS**—This mixture not only contains all the above, but also a host of other varieties all blended together in just the right proportion. Pkt. 10c; oz. 25c; 1/4 lb. 85c; lb. $1.50; except Fiery Cross.

Mixture of Gladiolus

This famous mixture of Gladiolus Bulbs well deserve the name of rainbow. It is a well-blended combination of all the choice sweet-podded varieties and is far superior to the ordinary mixtures generally sold. Mixtures, 50c per doz.; $3.50 per 100.

Caladium Esculentum

**ELEPHANT'S EAR**—Grand, tropical-looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. They produce enormous leaves, frequently 4 feet long by 2 feet wide; height, 4 to 5 feet.

**EXTRA SIZE CALADIUM BULB**—9 to 11 inches in circumference. Price, 35c each; $4.00 per dozen.

Cinnamon Vine

Splendid hardy climber of rapid growth, with bright green foliage and white, cinnamon-scented flowers. Grows from 15 to 30 feet high the first season and will attain a much greater length when fully established. Extra-large roots. 15c each; 1 lb. $1.50 per dozen, postpaid.

Madeira Vine
PEDIGREE COTTON SEEDS

SPECIAL EARLY BIG BOLL KING

Our grower in North Carolina has developed a wonderful selection out of King or Sugar Loaf Cotton, which we have named Dixie Triumph Wilt-Resistant. This is about a 35-Day Cotton, with very large boll, longer lint than the King and turns out about 40 per cent. It does not fall as quickly as the King and can be picked fast and with no trouble. This is a very hardy, prolific, thoroughly satisfactory selection that will please you in the excellence of its fiber and prolificness under ordinary boll weevil conditions.

Dixie Triumph Wilt-Resistant

This variety is truly a triumph in plant development. Cotton wilt has made it absolutely unprofitable to plant cotton on some land. A number of good varieties have been produced that are wilt-resistant. They are grown in many farms, and Dixie Triumph is superior in all the ways. It is without doubt the best wilt-resistant variety. It is better in this way. It is a strong, vigorous, healthy, sure crop plant. It is absolutely the best wilt-proof variety.

LIGHTNING EXPRESS

Is growing in popularity every year because it is the best selection ever produced of this type for profit-making under boll weevil conditions. Stems are short, leaves thin, and staple of stap is just what the spinners want, this insures a steady demand at a good price. It is a great variety, an ideal selection dependable in every way.

COVINGTON TOOLE

This was one of the first varieties of a prolific wilt-resistant cotton seed offered to the trade. This cotton was bred from the original King Cotton, the King of Cotton. It was originated in Alabama and is largely grown in the wilt-infested sections in that state. It has also been largely grown in South Georgia, and in all cases has given excellent results. It is a wilt-resistant cotton, very prolific and we consider it one of the best of the wilt-resistant types. It is a small boll, requiring around 55 to make a pound. Usual height 3½ feet; seed are small and it has a good outturn at the gin, ginning average 42 per cent and above, and it considers itself as the best selection of this type to plant. Our supply is the very best.

DELTA TYPE WEBBER

A rather new cotton, but in tremendous use here in Georgia, and has been used extensively in Louisiana and Mississippi. Very early and prolific; 60 bolls to the pound. Lint to 1 1/16 inch. Gins 40 per cent. Seed medium gray or sometimes greenish gray. Growth short and sturdy. Largely free from anthracnose. Planting plant with sparse foliage. For four or five years has led in earliness and productivity at Athens, Ga., as compared with some of the very best varieties. It is a cross between a small boll and a large boll. It is a cross between Cleveland and Express. It is a strong, vigorous, healthy, sure crop plant. It is unprofitable to plant cotton on some land. A number of good varieties have been produced that are wilt-resistant. They are grown in many farms, and Dixie Triumph is superior in all the ways. It is without doubt the best wilt-resistant variety. It is better in this way.

COLLEGE No. 1

A rather new cotton, but in tremendous use here in Georgia, and has been used extensively in Louisiana and Mississippi. Very early and prolific; 60 bolls to the pound. Lint to 1 1/16 inch. Gins 40 per cent. Seed medium gray or sometimes greenish gray. Growth short and sturdy. Largely free from anthracnose. Planting plant with sparse foliage. For four or five years has led in earliness and productivity at Athens, Ga., as compared with some of the very best varieties. It is a cross between a small boll and a large boll. It is a cross between Cleveland and Express. It is a strong, vigorous, healthy, sure crop plant. It is unprofitable to plant cotton on some land. A number of good varieties have been produced that are wilt-resistant. They are grown in many farms, and Dixie Triumph is superior in all the ways. It is without doubt the best wilt-resistant variety. It is better in this way.

Coker's Cleveland Number 5 Strain 2

This is one of the most popular varieties that has been produced by this expert cotton breeder and we feel sure farmers planting this variety will reap abundant and satisfactory harvests. Cotton is classed as "No. 1" in all tests. It pulls a full inch under good conditions and turnout runs from 38 to 41 per cent. It is a very early maturing cotton and has good picking qualities. The lint is strong and tough and should always bring a premium. Seed are white or gray, large but very light—meat often rattles in the shell. Outturn at the gin 42 per cent and above, and it is one of the best of the wilt-resistant varieties in the small boll class. Our stocks as offered are only one year from the originator. Price—1 bu. $2.50; 5 to 10 bus. $2.25; 25 to 50 bus. $2.00; 100 bus. or more, $2.00 per bu.

Wannamaker Cleveland

Today the leading type of all our early big boll varieties. Cotton is classed as "No. 1" in all tests. Lint to 1 1/16 inch. Gins 40 per cent. Seed medium gray or sometimes greenish gray. Growth short and sturdy. Largely free from anthracnose. Planting plant with sparse foliage. For four or five years has led in earliness and productivity at Athens, Ga., as compared with some of the very best varieties. It is a cross between a small boll and a large boll. It is a cross between Cleveland and Express. It is a strong, vigorous, healthy, sure crop plant. It is unprofitable to plant cotton on some land. A number of good varieties have been produced that are wilt-resistant. They are grown in many farms, and Dixie Triumph is superior in all the ways. It is without doubt the best wilt-resistant variety. It is better in this way.

Coker's Cleveland Super 7

This variety is taking the south by "storm"—farmers planting this variety will reap abundant and satisfactory harvests. Cotton is classed as "No. 1" in all tests. It pulls a full inch under good conditions and turnout runs from 38 to 41 per cent. It is a very early maturing cotton and has good picking qualities. The lint is strong and tough and should always bring a premium. Seed are white or gray, large but very light—meat often rattles in the shell. Outturn at the gin 42 per cent and above, and it is one of the best of the wilt-resistant varieties in the small boll class. Our stocks as offered are only one year from the originator. Price—1 bu. $2.50; 5 to 10 bus. $2.25; 25 to 50 bus. $2.00; 100 bus. or more, $2.00 per bu.
Kirkland's Prolific and Selected Seed Corn

Better the Seed—Better the Crop

Kirkland's Improved Golden Dent. (Our Earliest Yellow Field Corn)—This is not a prolific corn, but always yields from one to two nice large ears. Has large, broad grains of a rich golden color. Not a flint variety, but a moderately hard corn, well shucked and does not rot in the field. Is exceptionally early, maturing in about 90 days, and because of its earliness it is now being largely grown for early feed crops, and after oats or truck crops. Meal can be made by one of the best row-to-row plant breeders in the South, and we do not hesitate to highly recommend this seed to the most particular farmer. The ears are well filled at both ends and makes a highly desirable corn for feeding as well as milling. The grains are white and very close together with a small cob. Matures in 120 to 130 days. Qt. 30c, postpaid. Not prepaid, 1/2 peck 50c; peck 90c; 1/2 bushel $1.60; bushel $3.00. Bushel lots or more, $2.50.

Williamson Seed Corn. This is the most popular corn and one of the fastest growing in popularity of any Seed Corn we know of. The stalks of this corn grow to a very large size and bears one very large ear of corn to the stalk. This corn has very fine keeping qualities, the grains being very flinty and transparent, showing that it has been bred between two very fine varieties of corn. It shells out about 85 pounds of seed corn to the 100 lbs. of ear corn. Peck $1.25; bushel $4.00.

Doubtis's Prolific Corn. This corn has led for the past several years in yield tests per acre made by Clemson Agricultural College. Our seed stock is only one year removed from the originator and has been selected and graded. Peck $1.25; bushel $5.50.

Lowman's Prolific. Small cob, deep gorged seed grain; will average two or three good ears to the stalk. This corn has proven very popular with all farmers who have tried it. We anticipate this to be our biggest seller this season and suggest you write us at once as to your plans for the coming season. This seed is grown for us in this section by our private grower, and is strictly pure and high grade. Peck $1.25; bushel $4.00.

Garrick's Prolific. A pure white corn and very prolific, usually two ears to the stalk. The season is medium to late and is an excellent weevil resistant. The grains are very flinty, white and medium deep. Peck 50c; 1/2 bu. $1.00; bu. $3.50; 5 bushel lots or more, $2.75.

Improved Tennessee Red Cob. Improved strain of Tennessee Red Cob. The stalk is also smaller and for this reason can be left a good deal thicker in the rows. The grains are long and very evenly distributed. Improved Tennessee Red Cob scores ever have a barren stalk. Our supply of this excellent variety is very limited and for this reason we advise sending in your order early. Qt. 25c; peck 50c; 1/2 bu. $1.00; bu. $3.00.

KIRKLAND'S PROLIFIC GOLDEN BEAUTY CORN

Proven by every known test to be the best Yellow Corn ever grown in the South.

It is a beautiful rich golden yellow and a prize winner in every respect. It is worth twenty-five per cent more for feed than any other corn.

This variety is not new. It was introduced by the N. L. Willet Seed Co. and was a very popular variety with them. Since they went out of business this corn has not been on the market until this year. We got a small quantity of seed stock and have had
KIRKLAND’S PROLIFIC GOLDEN BEAUTY CORN—Continued

Kirkland’s Sorghums

Nothing Takes Their Place in the South as a Producer of Early Feeds, and No Crop is More Profitable Than the Syrup-Yielding Varieties.

**KIRKLAND’S SEEDS SHO-GRO**

**B. B. KIRKLAND SEED CO.**

**POP CORN**

Its General Uses Are Unknown

**CULTURE**—Pop Corn is usually thought of as a popcorn proposition, but it is, however, one of our best crops for forage and early feed that is known. There is no crop known that will produce more forage and of the highest feeding value than Pop Corn. It should be planted in 2 or 4 foot rows about 6 inches in the row, several grains to the hill. In June it is full grown and has an abundance of feed in it. Pop Corn can be cut and fed to stock. It can also be planted up to July 4th. When planted for corn it should be planted much thicker, one stalk to the hill, every 5 or 4 inches in the row and will produce on good land 35 to 50 bushels per acre.

**White Rice.**—This is probably one of the most well known and popular varieties. It is very prolific. It pops pure white and exceedingly tender. **Price:** Postpaid, 1 pt. 10c; 1 lb. 35c; 5 lbs. $1.25. Not prepaid, 5 lbs. 80c; 10 lbs. $1.50; 50 lbs. $6.00.

**Golden Queen.**—One of the best varieties for forage purposes. Ears a little larger than White Rice; handsome yellow grain. Pops perfectly white and exceedingly tender. **Price:** Postpaid, 1 pt. 10c; 1 lb. 35c; 5 lbs. $1.25. Not prepaid, 5 lbs. 80c; 10 lbs. $1.50; 100 lbs. $10.00.

**Pop Corn and Cow Peas Mixed.**—This makes an ideal combination and the cheapest of hay. Use one-fourth bushel of Pop Corn, three-fourths of Cow Peas per acre. It curbs easily and makes a balanced ration.

**BROOM CORN**

More of This Crop Should Be Grown in the South

**Improved Evergreen Broom.**—We have found this to have proven successful in the South. Will not get red in the field before it is cut. Strictly a green variety of brush. Grows about 8 feet high. Well adapted to syrup-making. One acre produces about 500 pounds of brush, and 30 to 40 bushels of seed. Plant in spring like corn, the same cultivation, though somewhat later in the season. Plant in drills 3½ feet apart, until thoroughly dry. **Price:** Prepaid, 1 lb. 25c; 5 lbs. $1.00; 10 lbs. $1.75. Not prepaid, 10 lbs. $1.30; 25 lbs. $2.75; 100 lbs. $10.00.

**Early Amber.**—(Called also Chinese.) Slender stalks, narrow row leaves. Seed heads loose and drooping, with black hulls, which usually do not shed in threshing; seed dark brown in color. **Yield:** About 60 bushels per acre. **Price:** Postpaid, 1 lb. 20c; 5 lbs. $1.00; 10 lbs. $1.75. Not prepaid, 10 lbs. $1.35.

**Early Orange.**—Georgia Experiment Station made total yield of 280 bushels of Orange to the acre. **Price:** Postpaid, 1 lb. 20c; 10 lbs. $1.00; 50 lbs. $3.00. Not prepaid, 10 lbs. $1.35; 50 lbs. $3.00.

**Red Top, or Sumac.**—Stems sweeter and juicier than some other Sorghums. Seeds smallest of all and go farther in planting. **Price:** Postpaid, 1 lb. 35c; 10 lbs. $3.00; 50 lbs. $15.00.

**Honey Drip.**—Japanese Seeded Ribbon Cane. Only grown in the United States. **Price:** Postpaid, 1 lb. 25c; 15 lbs. $3.50; 50 lbs. $12.50. Not prepaid, 15 lbs. $3.25; 50 lbs. $12.00.

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Non-Saccharine or Grain Sorghums

THE VALUE OF THESE SORGHUMS IS JUST NOW BECOMING KNOWN

NOTE—It has been demonstrated that Poultry can be raised in the South cheaper than in any other section of the United States, if our farmers would raise their feed; but it cannot be raised profitably when feed has to be bought from the West. These non-saccharine Sorghums as offered below if planted by poultry raisers will do away with having to use the Western feeds.

The Kaffirs, Milo, Feteria and Shaluu (called the grain Sorghums) for cattle and human feed are in dry regions are wholly supplanting corn and in the South cheaper than in any other section of the United States, if our farmers would raise their feed; but it cannot be raised profitably when feed has to be bought from the West. These non-saccharine Sorghums as offered below if planted by poultry raisers will do away with having to use the Western feeds.

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Vetches, Clovers, Grasses Suitable for the South

NOTE—"Leguminous Crops in North Carolina."—A good bulletin. Experimental Station, Raleigh, N. C. Get it.

Vetches

For Full Description, Get Our Fall Catalogue.

Hairy Vetch. (Vicia villosa). Price, postpaid, 1 lb. 30c; 5 lbs. $1.20. Not prepaid, 5 to 10 lbs. 18c; 25 to 50 lbs. 15c; 100 lbs. at 14c per lb. 12c.

Satava, or Oregon Vetch. Price, postpaid, 1 lb. 25c; 5 lbs. 80c. Not prepaid, 5 to 10 lbs. 62c; 25 to 50 lbs. 10c; 100 lbs. at 9c per lb.

Augusta Vetch. Price, postpaid, 1 lb. 20c; 5 lbs. 75c. Not prepaid, 5 to 10 lbs. 12c; 25 to 50 lbs. 10c; 100 lbs. at 8c per pound.

Shaluu. (50 pounds to bushel.) (Called also Cal. Rice, Cal. Wheat, Egyptian Wheat, Chicken Corn.) A non-saccharine Sorghum of widest use in India. Our Augusta grower made 30 bushels of seed planted very late on three-quarters acre. He says: "Makes more seed than any Cane or Sorghum, and nearly double that of Kaffir Corn. Stools heavily—5 to 6 stalks per hill; grown 10 to 14 ft. high; planted early, two crops can be had, first for green cutting and second as seed crop. Heads look like large broom corn heads; seed are round, plump and white like Kaffir Corn. Excellent for forage; seed excellent for chicken feed and good for cattle; excellent if ground as meal for the human." A grower in Alabama says: "We grow two crops in Alabama to the acre." Plant in rows 3 feet apart; one peck of seed will make 2 to 3 tons of silage. Price, postpaid, lb. 30c; 1/2 pk. $1.35; pk. $2.50. Not prepaid, pk. $2.25; bushel $7.00.

Milo Maize, or Branching Dhoura. (Fifty pounds bu.) A variety of Sorghum, non-saccharine, growing stalks 8 to 10 feet high. Grows similar to Kaffir Corn. Three weeks earlier, makes more grains per stalk. Texas matures Milo in July. Stands dry weather, and makes crop where corn would fail. Plant in 5-foot rows, leaving one or two plants every 5 inches in the row and cultivate as corn; 121/2 lbs. per acre, in drill, or 40 lbs. broadcast; stalks heavily—2 to 6 stalks from each seed; cut green many times; good for the silo. Very productive; makes sometimes as much as 40 bushels seed per acre. For a crop of forage by itself, sow broadcast at rate of 1 peck per acre, or drill two pecks per acre.

Kaffir Corns. (50 pounds to bushel.) Mississippi Experimental Station says: "Will yield thirty bushels of seed on land making only 12 to 15 bushels of corn. Plant as late as July 25—plenty of time to mature seed." The principal crop in Oklahoma. Used as a part in all prepared chicken feeds. Sow with Cow Peas broadcast, at the rate of a peck of Kaffir Corn to a bushel of Cow Peas per acre. Both can be cut together, making an enormous yielding crop of most nutritious feed. For a crop of forage by itself, sow broadcast at rate of from 1 to 11/2 bushels per acre, or drill two pecks per acre. Per seed, plants should be 4 inches apart. The ground grains make fine muffins, waffles, etc.—$60,000,000 people eat it. For mixed hay, one peck with 11/2 bushels of Cow Peas; better than Sorghum since Kaffir has a soft stalk and eases more easily. Get Bulletin 31, Agricultural College, Stillwater, Okla.

Teosint. (Euchlaena Luxuriana.) Stalk resembles Indian Corn; stalks heavily; sow in April, May or June. Cut when two or three feet high, and continue to cut as it grows out, all through summer. One acre will produce 39 tons green food in the season, and take care of 10 head of cattle. Miss. Exp. Sta. reports 22 tons per acre green forage produce. One seed makes 20 to 30 stalks or stalks. On rich land grows 15 feet high and produces larger amount of forage than any known plant. Have seen 225 pounds of forage from one seed; 10 per cent saccharine, needs a long, hot season, rich soil, abundant moisture. Fine for silo. Price, postpaid, 4 ozs. 9c; lb. $1.29; dzs. $4.00. Price, prepaid, 5 to 10 lbs. at 90c per lb.; 25 to 50 lbs. at 85c per lb.
**ALFALFA—Continued**

was netted $5.1 an acre on Alfalfa—five cuttings, $1.25 per ton for hay on land rated at $15 per acre. Georgia Agr. Col. made 6% tons per acre with five cuttings. Best in Georgia to drill, 3-foot rows and clean cultivate for several years the middle till weeds are driven out, then plant middles. Alfalfa will lap when grown in 2½-foot rows. On a small scale, if a few rows are grown in a garden, it will furnish in successive cuttings goodly

Hairy Peruvian Alfalfa. Is fast supplanting in the Western States the common grades of the three types of Alfalfa. It carries a very much longer season and, therefore, carries more cuttings, and yields according to all tests, 1½ to 1½ tons more of hay per acre than other types; the hay is of finest quality because of the greater abundance of leaves which are much larger than the usual type. Grows at a lower tempera
ture than other Alfalfas. Remarkable to say, this Alfalfa keeps practically green and an edible proposition throughout the whole year, while other Alfalfas go down at frost. Takes on a turnip flavor when not woody; grows five feet. Reseeds as long as land is grated with rye and oats. Spreading by natural means rapidly through

**GRASSES**

For Spring and Summer Planting in the South.

Bermuda Grass Seed. (Cynodon Dactylon). Conch Grass or Joint Grass. Germinates within two or three weeks. A perennial sun-loving grass, spreads by creeping stems, and extensive by creeping stems. The most valuable of all grasses for pastures in the South. Grew from May to middle of November. Old stands may be thinned; 3 to 4 years' distance harbor the sod bound soil in spring. Excellent soil bearer. Two to three feet in height. Grows on great varieties of soil. On rich land two to four cuttings can be had, in succession, from 3 to 4 tons. On poor land and with vetch, or a mixture of the two, the oats and vetches give a crop of hay in May and by July the Bermuda may be cut. Combined with Burr Clover will give green pasture all the year. For Spring and Summer Planting. 1 Ib. postpaid, 5 to 10 lbs. postpaid, 1 lb. 25c; 5 to 10 lbs. at 35c; 100 lbs. at 32c per pound.

Carpet Grass. (Paspalum Compressus). (18 lbs. bu.) From West Indies. This is the most wonderful grass for pasture purposes, for lawns, golf links, etc., that we know. A perennial. It is never a pest and is easily eradicated. Flourishes in lands short in lime, exceptionally well in shade. Stands grazing and trampling better than most grasses. We find, too, that this grass will absolutely crowd other grasses, and we have given a better growth throughout the South than any other grass we have ever tried. The Government says that in our Southern Coastal plains and flat woods country that this grass is better than Bermuda. Grows 2 to 2½ feet. In Florida, where the temperature does not go below 20 degrees, this grass not only succeeds, but grows better than any other grass grown there. There is an immense demand for the seed and now can be supplied in fairly good amounts. A big South Carolina cattle man who has grown this grass for a year, says, “Carpet Grass will give a better growth throughout the South than any other grass, provided it is properly handled.” Price, postpaid, 1 lb. 75c; 5 to 10 lbs. at 35c; 100 lbs. at 32c per pound.

Johnson Grass. (Sorghum Halepense). (28 lbs. bu.) Great soil renewer. Cut for hay when two feet high—any soil; well known now in the South. Sow in fall or spring, 8 pounds per acre in moist seasons in spring or summer; best when not woody; grows five feet. Mixes fruit from May to middle of November. Old stands may be thinned; 3 to 4 years' distance harbor the sod bound soil in spring. Excellent soil bearer. Two to three feet in height. Grows on great varieties of soil. On rich land two to four cuttings can be had, in succession, from 3 to 4 tons. On poor land and with vetch, or a mixture of the two, the oats and vetches give a crop of hay in May and by July the Bermuda may be cut. Combined with Burr Clover will give green pasture all the year. For Spring and Summer Planting. 1 Ib. postpaid, 5 to 10 lbs. postpaid, 1 lb. 25c; 5 to 10 lbs. at 35c; 100 lbs. at 32c per pound.

**HERBS, OR RED TOP.** (Agrostis Vulgaris). (10 lbs. to bu.) Good perennial. Generally sown on permanent moist land pastures. Do not kill by overflows; improves with age each year. Its chief value is a pasture grass, although it is used largely, too, for permanent meadows, for lawns, golf links, and the like. Sow seed on rich land near by. Price, postpaid, 1 lb. 35c; 5 lbs. $1.25. Not prepaid, 5 to 10 lbs. at 25c; 25 to 50 lbs. at 23c per lb.

**CLOVERS**

Georgia Burr Clover, or Spotted Clover. (Medicago Arna
cica). In burr; 10 pounds to the bushel; in immense use. Plant July, August, and September. See Fall Catalogue for full description. Price, postpaid, 1 lb. 25c. Not prepaid, 1 bu. $2.25; 5 to 10 bus. at $2.00 per bu.

Georgia Mellilotus Alba, or Bokara, or Sweet. A legume. Use Farmoferm. Sow 12 pounds per acre in March or April, Kentucky or Johnson. May be cut when the clover is cut and cut later after grain cutting. Can be pastured spring and summer and plowed under in fall. Great soil renewer. Cut for hay when two feet high—when not woody; grows five feet. Reseeds as long as land is unbroken. Sweetest of all hays and mixes fine with Johnson Grass. Seeds about July 15th. Reseeds close to the ground, and continues to grow. The bee man's best friend because of its sweet flowers. In the past four years Mel Alba has been sensationally transformed from a semi-weed into a plant of greatest use and value. Price, postpaid, 1 lb. 30c; 5 lbs. $1.30. Not prepaid, 1 lb. 25c; 5 to 10 lbs. at 20c; 25 to 50 lbs. at 18½c per pound.

Japan Clover. (25 lbs. to bu.) (Lespedeza Striata). A per
cennial legume. Grows anywhere; is tenacious in any soil; well known now in the South. Sow in fall or spring in permanent pastures, or mixtures. Plant as soon as frost disappears, through June 30 to 40 lbs. to the acre, before head flowers; 3 to 4 cuttings per season. Withstands drying out, and stands frost well in the fall or winter without resetting, though ground needs each fall, disc harrow. Do not let go to seed, spreads if you do; the root system develops only after plant seeds. Large areas of Johnson Grass are to be found in Alabama, Texas and Mississippi. A few years ago these areas were thought to be quite without value, but today they, on account of the high quality and easy sale of Johnson Grass hay, are exceedingly valuable. Our cheapest hay grass, yet it contains more nitrogen than timothy. Price, postpaid, 1 lb. 35c; 5 lbs. $1.25. Not prepaid, 5 to 10 lbs. at 25c; 25 to 50 lbs. at 23c per lb.

Passalpal Dillatatum, or Dallis Grass. Plant March to June. Indicated in wet heavy lands where Bermuda is not good. Do not find with Western grass called Dallas. Sow in spring, 8 to 10 lbs. per acre, by hand, roll or plank under on harrowed land. A perennial. The greatest pasturage of Australia, where one acre supports one cow year round. Grows 2 to 4 feet high. Makes no more hay than in back lots. Grows in stump; its broad leaves are near the ground. Mixes well with Bermuda. Known, also, as Large Water Grass and Gold-Dust Grass. Grows in swamps; very good for pasture. Especially hardy for grazing. Plowing kills it. This grass is spreading naturally now in Georgia. Price, postpaid, 1 lb. 65c; 5 lbs. $3.00. Not prepaid, 10 lbs. to 50c; 25 to 50 lbs. at 45c; 100 lbs. at 42c per pound.

Rhodes Grass. (Chloris Gayana). Price, postpaid, 1 lb. $1.00; 5 lbs. $4.75. Not prepaid, 5 to 10 lbs. at 80c; 25 to 50 lbs. at 75c per lb.

**B.B. KIRKLAND SEED CO.**

**TABLES HAVE THE GREATEST AMOUNT OF IODINE OF ANY STATE IN THE UNION. There will be an enormous demand all over the country for South Carolina vegetables—plant them in abundance—iodine prevents Guiter, and many other diseases.**

**DID YOU KNOW THAT SOUTH CAROLINA VEGETABLES HAVE THE GREATEST AMOUNT OF IODINE OF ANY STATE IN THE UNION. There will be an enormous demand all over the country for South Carolina vegetables—plant them in abundance—iodine prevents Guiter, and many other diseases.**

**PLANT MORE POTATOES.**

Orchard Grass.
GRASSES—Continued

Sudan Grass. (Andro Sorg. Var). A new African sweet sorghum hay grass, fine stemmed like Johnson. An annual. Plant spring or summer here within 80 days of frost. Three cuttings per season and 3 or 4 tons total per acre. Grows 5 to 8 feet, stools 20 to 40 per seed. Erect, leafy stem. Looks like Johnson, but is more leafy and sweeter. Root system like oats—never a pest. Makes 600 pounds seed per acre. In Florida made 3 tons first cutting; month after, was waist high. Sweet, green or curled; is eaten ravenously. Probably the original form of sorghum. A North Georgia man writes us: "Sudan Grass bought of you is certainly a wonderful plant. Made three full cuttings at the rate of 6 tons per acre." Wonderful hay grass. One we can recommend for every section of the South. Price, postpaid, lb. 30c; 5 lbs. $1.00. Not prepaid, 5 to 10 lbs. at 25c; 25 to 50 lbs. at 20c per lb.

Orchard Grass (Dactylis Glomerata). Germinates within one week to two weeks. Sow two bushels to acre. Fall or spring. Excellent perennial. Commences spring growth in February. Ready for hay cutting in April; grass until hot summer. Early autumn starts new set of leaves, making rich pasturage, remaining green all fall and winter. Mixes well with Red Top. A good shady woodland pasture. Price, postpaid, lb. 35c; 5 lbs. $1.25. Not prepaid, 5 to 10 lbs. at 25c; 25 to 50 lbs. at 20c per lb.

Natal Grass. (Tracholaena Rosea). Price, postpaid, lb. 50c; 5 lbs. $2.50. Not prepaid, 5 to 10 lbs. at 35c; 25 to 50 lbs. at 32c; 100 lbs. at 30c per lb.

Kirkland’s Grass Mixtures

It has long been as established fact that Grass Seed when sown in mixture makes a far better yield of hay and also a better pasture than one variety sowed alone. We have made a careful study of Grass Mixtures, and in offering the following we have the ideal mixtures for the purposes for which they are recommended. Only the highest grade of seed are used and they are thoroughly mixed in the proper proportions to give the best results. In the Hay Mixtures we use only the Grasses which have proven the best to sow together and which mature and ripen together, which is necessary to get the best crops. While our pasture mixtures are composed of grasses which mature at different times, thereby giving a continuous pasturage. We recommend these mixtures with entire confidence, and we feel sure that they cannot be improved upon, but should any of our customers prefer different mixtures, we will be glad to mix the seeds in any proportion they may wish.

(These Prices are Subject to Market Changes).

KIRKLAND’S GRASS MIXTURE NO. 1
for Hay or Pasture.

Recommended for light or loamy upland, for either hay crop or grazing purposes as it can be mown if desired.

Composed of—Orchard Grass, Tall Meadow Oat Grass, Red Clover, Perennial Rye Grass, White Dutch Clover, Herds Grass, Alfalfa.

Sow 30 to 35 lbs. to the acre. Present price, per lb. 25c; 10 lbs. at 22c per lb.; 100 lbs. $20.00.

KIRKLAND’S GRASS MIXTURE NO. 2,
for Pasture.

Recommended for light or loamy upland.

Composed of—Orchard Grass, Tall Meadow Oat Grass, Red Clover, Perennial Rye Grass, White Dutch Clover, Herds Grass, Alfalfa.

Sow 30 to 35 lbs. to the acre. Present price, per lb. 25c; 10 lbs. at 22c per lb.; 100 lbs. $20.00.

KIRKLAND’S GRASS MIXTURE NO. 3,
for Hay.

Recommended for stiff, heavy or low lands.

Composed of—Timothy, Herds Grass, Mammoth Clover, Alsike Clover, Meadow Fescue.

These Grasses mature and ripen together.

Sow 20 pounds to the acre. Present price, per lb. 25c; 10 lbs. at 20c per lb.; 100 lbs. $18.50.

KIRKLAND’S GRASS MIXTURE NO. 4,
for Pasture.

Recommended for stiff, heavy or low lands.

Composed of—Kentucky Blue Grass, Alsike Clover, Herds Grass, White Dutch Clover, Meadow Fescue.

Sow 30 to 35 lbs. to the acre. Present price, per lb. 25c; 10 lbs. at 22c per lb.; 100 lbs. $24.00.
Cow Peas
(Vigna Unguiculata) 60 lbs. to bushel

Farmogerm will double the amount of nitrogen stored in the soil when Peas, Beans and other legume seed is treated with it.

A great soil improver. Plowing under Cow Pea stubble increases the following crop by 25 per cent and plowing under whole vine, 40 per cent to 60 per cent. One ton Cow Pea hay contains 47 pounds nitrogen, 10 pounds phosphate acid and 20 pounds potash. There is a tremendous increased use each year for Cow Peas. The South must abolish her Northern hay bill; also her guano bill; she must make two crops on her land in place of one per annum. All the above can be accomplished by using Cow Peas. In ground rich in nitrates Cow Peas will make big vines, but few peas. Yield in peas 10 bushels (in corn) to 15 bushes (drilled) per acre.

Whippoorwill, or Speckled, or Shinney, or Bunch Speckles. (Two Crop Peas). Out of 220 varieties of Cow Peas tested by U. S. Agricultural Dept., they say that the best four are Whippoorwill, New Era, Iron, and Brabham. Old variety; bunch pea; upright; yellow pod, thick, and roots easily; brown-speckled pea. One of the earliest peas. Price, postpaid, quart 50c.

New Era. A trifle earlier than Whippoorwill, and one-third smaller. A bunch pea, erect, ripens in six to eight weeks, recommended where early maturity is needed. Peas are fine yielers. Vine is large, and the peas are fine and quicker to mature. Price, postpaid, quart 50c.

Unknown, or Wonderful. Fine combination pea for heavy vines and stock peas. Stands at the head as per U. S. Agricultural Departments as "largest growing and most vigorous Cow Pea." Erect vines; late maturing. Price, postpaid, quart 50c.

Clay, also called Clay Bank. An old-time variety grown especially in Tennessee. Makes a growth of vine similar to the Unknown Pea, largely called for in the same fields of Louisiana. Large growing. Price, postpaid, quart 50c.

White Table Peas

Salable at much higher prices than ordinary Cow Peas. These dried peas are largely used in the South, and in other sections of the country as table Peas.

Ram's Horn, California Black-Eye. Six Weeks' Peas. Do not grow well in the Far South because of not mature at once. Keep them picked. Should be adopted in the South to serve just as the White Yankee Bean serves in the North. Planted in April makes two crops. Larger and sweeter than Black-Eye, and quicker to mature. Vine is large, and the peas are fine yielers. Peas are curved up at both ends and sugary. Skin is a little rough. Price, postpaid, quart 65c.

Brown-Eye White Crowder. Medium size white pea with brown eyes. One of the universal table peas; very prolific and hardy; most largely grown in the South than any white pea. Keeps better than most varieties. An excellent table pea; medium late. Price, postpaid, quart 65c.

Little Lady. Bunch; has a delicate vine; prolific bearer; very sugary. The daintiest, smallest and most highly prized of all the white peas for the table. Price, postpaid, qt. 75c.

Conch, or Gentleman Pea. A small, pure white table pea. Delicate and delicious. Profuse bearer. Planted in April being planted late in June, and vines bear until frost. Plant 4x1 feet, two plants to the hill. Will run in every direction about 8 feet and cover prone all the ground. Two quarts make enough for a family from June until frost. Price, postpaid, quart 75c.

NOTE—We haven't sufficient stock to offer in large amounts.

Canada Field Peas.

Small, round, smooth, white-seeded pea. Height of plant 18 inches. Resembles a small extra early garden pea. Takes the place in the far North and Canada that the Cow Pea does in the South. Plant in the South any time from September until March. Sown alone makes a trifle like Cow Peas, at the rate of a bushel to a half and a half to the acre; will afford fine grazing within 30 days after sowing, or allowed to mature will produce a valuable crop of hay. Canada Field Peas and Burt Oats—sow bushel of each in February; oats hold up peas. Combination makes a perfect hay mixture. Oats begin to grow when oats just begin to turn. It makes large out-turn. Price, postpaid, quart 35c; ½ peck 95c; peck $1.50. Not prepaid, peck $1.25; bushel $4.50.

For Pot Plants, Flowers, Vegetables, etc., use SWIFT'S VIGORO—A plant food and fertilizer

| 5-lb. cans | 1.75 |
| 25-lb. sacks | 3.00 |
| 100-lb. sacks | 5.00 |

Cow Peas

Georgia Cow Peas. Columbia and Augusta are the largest Cow Pea shipping points in America. This house is one of the largest pea jobbers in the South. Plant from early spring to July 15th. Drill, broadcast or between hills in corn. Broadcast 1½ bus., drill 3 feet rows 1 bushel, or in corn rows ½ bushel per acre. Early planting makes vines, late planting makes Peas. Makes an excellent mixture to plant with Soy Beans, Sorghums, Kaffir Corn, German Millet and Japanese Millet. April plantings can be hogged in July, June plantings in September and October. Their best habitat is about as here. Contains more nutriment as being immune to root knot caused by eel worms. This pea is, therefore, an invaluable addition to the pea world. A most valuable pea. Being root knot resistant, this pea, in preference to others, should be planted in all peach orchards and in the Sumatra tobacco fields of Florida fields of Florida, Massachusetts in about 100 days. April plantings August Pea mature crop about July 20th. Price, postpaid, quart 50c.

Brabham. A hybrid of Iron, has the earliness of the Whippoorwill, and the wilt-resistant qualities of the Iron. At Washington, yield from Brabham 20 per cent more hay than Iron. A Florida grower says: "This is practically the New Era Pea combined with the wilt-resistant quality of the Iron Pea." Planted with fall grain will lie in the ground all winter and germinate next spring. This pea makes more vines than any known pea. Pods white and 6½ inches long, about 18 peas to the pod. Brabham pea vines will stay green until frost; can be "picked" six or seven times, and vine then cut for hay. Price, postpaid, quart, 50c.
Soy, or Soja Beans

(Glycine Hispida) (60 lbs. to Bushel)

Use Farmogerm cultures for legumes to increase production.

O-TOO-TAN SOY BEAN

Destined to Revolutionize Southern Agriculture.

 Entirely different from all other Soy Beans. The only new, finelystemmed leguminous hay maker of the South.

 Laredo Soy Beans. An absolutely new Soy Bean carrying remarkable sensational characteristics.

The new Laredo Soy Bean, after thorough test, has proven to be one of the best round Soy Beans and the only one known to be positively immune to root knot nematode. The Laredo differs from any other variety. As the plants get up a few inches high they stool out like oats and each individual plant sends up from six to fifteen very fine branches which makes it one of the very best of hay beans, and unlike any of the other varieties of soys. The more fact of this bean being the only variety to be positively immune to root knot will cause a great demand. It is similar in some respects to the O-Too-Tan in regard to the size of seed. The seed, however, are a little smaller, black and flat. Even with this smallness of seed it is one of the most prolific varieties known, demonstrating this fact at the Georgia Experiment Station. Starched trees are tried. As a bean producer it has no equal; as a soil improver it can only be equalled or surpassed by the O-Too-Tan. The O-Too-Tan will perhaps produce more hay, ton to ton, than the Laredo. One of its great advantages is its earliness. The one drawback to O-Too-Tan is that it is apt to fall and recline. The Laredo, on the other hand, can be planted from the middle of May until July 10th. Per qt. 50c; per peck $2.25; per bushel $7.50.

MUNG BEAN (Not A Soy)

This is a wonderful new bean which has been offered in the South for the past several years at very high prices. It is not our practice to do business in highly priced products, but, knowing the demand, we believe ranks next today to the O-Too-Tan and Laredo in actual production. A valuable and important forage and feed crop. A small amount of seed to plant an acre, about five pounds is sufficient. Best results are obtained when planted in 2½ to 3 foot rows, Per peck, postpaid: 1 lb. 50c; 2 lbs. 75c. Cannot offer in large amounts.
Velvet Beans

The Soil Builder of the South—South Georgia's Only Salvation

We Can Supply Any Variety Beans Grown, But We Are Listing the Most Popular Varieties.

Inoculate this seed with Farmogerm.

USES AND CULTURE (1 bushel, 60 lbs. shelled; 100 lbs. of pods yield about one bushel beans). We are large dealers and contracting growers, and the leading exploiters of new types in the United States. They are a valuable forage legume in the United States, and a most important crop, carrying wide uses. They are early types and adaptable whatever cotton to be grown in cotton uplands. The beans in the South and as a quick September grazer, or a small way. Price, 1 qt. 35c. Postpaid, pk. $1.00; bushel $3.50.

Osceola Bean carries many advantages. These beans may carry podded, big seeded, big forage out-turn, and with earliness the beans worth double Cow Peas. Will hang on the vine all winter and lighter in color. A most valuable early Velvet—vines and pods being fuzzless, it does not sting the picker and is tender pod where the Osceola pod is hard and woody, which places Osceola at a disadvantage in feeding. Four to five beans are softer than other varieties and can be eaten by stock without breaking the shuck, making a perfect ration in Southern cattle food. The bean is black, flat and about the size of the Osceola. Both bean and pod are softer than other varieties and can be eaten by stock without breaking the shuck. This thickness of hull and softness gives it quick tender pod where the Osceola pod is hard and woody, which places Osceola at a disadvantage in feeding. Four to five beans are softer than other varieties and can be eaten by stock without breaking the shuck, making a perfect ration in Southern cattle food.

Mississippi Black Velvet. Has two remarkable characteristics. First, its extreme earliness. Second, its heavy fruitage in beans, which are big, plump and heavily podded in the soil and states where Missouri Black Velvet is grown today is impossible. Introduced and named by us. That was found practical. The early types are adaptable whatever cotton to be grown in cotton uplands. The beans in the South and as a quick September grazer, or a small way. Price, 1 qt. 35c. Postpaid, pk. $1.00; bushel $3.50.

Brown Top Millet. (Panicum Fasciculatum). This we believe has no equal in millets, and serves a purpose long wanted. This for summer grazing in the South equals even rye as a fall and winter green grazing crop. The only millet or grass that we know can be grazed constantly during the dry summer months without complete destruction. Possibly better than Sudan Grass for hay and will produce more, if not as much cured hay per acre. Can be cut two or three times during the season and often makes 5 or 6 tons per acre. This millet looks very heavily, averages 22 to 26 tons often from one seed. The cut is the product from one seed. This millet two, is a wonderful producer of seed and after using the first crop for hay produced 2 tons per acre, has made 1,500 pounds of seed.

CULTURE. Plant in drill 5 to 6 pounds to acre in 18 to 24-inch rows. Broadcast for hay about 12 pounds per acre. If for seed crop alone 3 to 4 lbs. is sufficient for an acre. When planted in drill it is well worth the saving once you get much quicker growth. Price, postpaid, lb. 50c; 5 lbs. $2.25; 10 lbs. $1.00. Not prepaid, 5 to 10 lbs. 35c; 25 to 50 lbs. 30c per pound.

Georgia Pearl, or Cattail Millet. (Panicum Spectatum). Known also as Penniculalia, Horse Millet and Maid's Wonder Forage Plant. This millet is well known and has been in general use in the South for many years. The demand is always more than the supply. No millet makes so much green forage as this. Can be cut six or seven times in one season. A most valuable crop for dairymen, and all farmers should plant a small acreage in this millet. Total of three cuttings at the Georgia Experiment Station produced 52,416 pounds of forage per acre. Plant in spring drilling 10 lbs. per acre in 24 or 3 foot rows, cultivate regularly. This is a quick maturing non-saccharine millet. Not used as a dry hay. Price, postpaid, lb. 30c. Not prepaid, 5 to 10 lbs. 18c; 25 to 50 lbs. 14c per lb.

B. B. KIRKLAND SEED CO.

Millets

NOTE—By planting Millets as listed below our farmers can easily be hay sellers instead of buyers. We cannot afford now to buy feed stuff. It would be wise to try these Millets if only in a small way.

90-Day Speckle Running Velvet Beans. The first early type of Velvet Bean that was found practical. Introduced and named by us. Originated in Georgia, sometimes called the Georgia Velvet Bean. Bean resembles the late Florida Speckles, but is larger and finer. Plant in drills 5 to 6 feet apart. These beans carry more than 100-day. Does not pull down corn as badly as other varieties. Plant in drill 5 to 6 pounds to acre in 18 to 24-in rows. Price, postpaid, lb. 50c; 5 lbs. $2.25; 10 lbs. $1.00. Not prepaid, 5 to 10 lbs. 35c; 25 to 50 lbs. 30c per pound.

Golden Millet.
The Peanut and its Culture and Uses. (Arachis Hypogaea). An annual legume. Also called Finders, Goobers and Ground Peas. One of the big cash crops in this country. Tremendous amounts are being grown.

Best soil, light sandy loam. Level culture best, prepare ground with disc harrow. Plant running peanuts in 36-inch rows and 12 inches apart in the row; plant 1 1/2 inches deep.

Gather White Spanish with a Peanut point, mold board of plow removed. Stack immediately without sunning around an eight-foot pole. Peanuts lying in circle around pole. Eight inches above ground nail to pole two crosspieces at right angles.

White Spanish. (50 lbs. to the bushel). Plant two bushels in shell (whole seed) per acre. Use 400 pounds Acid Phosphate and orange peels on four acres. Plant in the row. From 40 to 60 bushels should be made per acre, and the residue left for hay. Plant running peanuts, being usually one ton of excellent hay. The most valuable Peanut of all the Peanuts for oil. In tremendous use as ground up by oil mills for oil and cake—one ton of Peanuts in pods yielding 80 gallons of delicious sweet oil and yielding also 750 pounds of the best feeding cake. Supplant cotton on sandy lands as a Southern money crop. As easily handled, yields well; earlier than other peanuts. The highest priced of all peanuts. Price, postpaid, 1 lb. 30c. Not prepaid, 5 to 10 lbs. 10c per lb. 100 lbs. at 15c per lb.

North Carolina Runners. (24 lbs. to bushel). Known as African, Wilmington and Florida Peanut. A running Peanut, smaller than the Virginia Running or Bunch, but somewhat larger than the White Spanish. The great hog peanut. In South Georgia, Alabama and Florida are used in tremendous amounts for hog purposes, as the Peanuts do not rot as lying in the soil through the winter. Hogs in the field do all the gathering. Peanuts fill the whole pod and contain no pods. Sometimes vines cut for hay, and nuts then hogged. Yields 60 bushels per acre; 6 to 8 pods per bushel; contains a podded variety with very heavy dark green foliage; stems creeping; sometimes having a spread of 3 or 4 feet; pods upright; pods procurable; yields in digging a little larger than the Spanish variety, usually containing two peas. Price, postpaid, 5 to 10 lbs. at 15c; 25 to 50 lbs. at 12c; 100 lbs. at 11c per lb.

Valencia. (24 pounds per bushel). A Spanish Peanut sometimes called Three and Four to Pod. Do not confound with Tennessee Reds. Rich in oil. Attach to the root and pod constricts. Very much heavier than the White Spanish, they are much easier to detach from the vine, upright; pods procurable. The foliage of the Valencia is fully one-fourth more, and is rich in oil, and excellent for the White Spanish. Heavy producers; 80 bushels per acre here at Augusta; exceedingly profuse in hay. About 360 pods weigh a pound. Perhaps two weeks later than White Spanish. Are greatly to be desired, and only a minimum amount at any time. Peanuts with heavy pods can be sold as good peas, and is a good crop. Of a special fine flavor, thin pod and easy to shell. Cultivate flat; each joint sends out 1 to 4 rootlets that may take root and cover ground and make nuts. The price at Augusta made 159 bushels. The standard fancy parching peanut. Good in red lands also. Growers for the parching trade should handpick and sell to market only Peanuts containing 3 and 4 to the pod, and all sound, and eliminate pods carrying only 1 or 2. Pick when they are ripe; they sprout in the ground sooner than other peanuts. The highest priced of all peanuts. Price, postpaid, 1 lb. 30c. Not prepaid, 5 to 10 lbs. at 20c; 25 to 50 lbs. at 15c; 100 lbs. at 15c per lb.

Tennessee Red. (24 pounds per bushel). Run "3's and 4's." Very hard shell, and hard to crack same with fingers. Universal in Tennessee for red land peanut. A bunch pea, bright red, attach to the roots, contain from 3 to 4 peas to the pod; shell thick and tough; well adapted to hog raising, as peas will stay in the ground all winter and come up in the spring. Better adapted for hog than human use. Bunch tops, and peanuts can all be pulled up at one time with the hand, and afterwards the hay can be baled and the peanuts taken from the roots. Easily handled, yields well; earlier than Virginia. Smaller and harder shells and must not be confounded with Valencia. 246 pods weigh about 1 pound. Price, postpaid, 1 lb. 30c. Not prepaid, 5 to 10 lbs. at 20c; 25 to 50 lbs. at 15c; 100 lbs. at 15c per lb.

Virginia Runner. (22 pounds to bushel). 120 days in matured; resembles North Carolina in growth, except pods are larger. A large-podded variety with heavy foliage; stems creeping; pods scattered along procumbent stems and not adhering well in digging; pods and peas similar to those of the Virginia Bunch Peanut. This variety is harder to cure than the bunch types, because the pods are scattered along the stems and cannot be well protected from the weather as the varieties with nuts clustered near the base of the plant. Is usual Norfolk parching peanut. Sold for parching. Price, postpaid, 1 lb. 25c. Not prepaid, 5 to 10 lbs. at 20c; 25 to 50 lbs. at 15c; 100 lbs. at 15c per lb.

Virginia Bunch. (22 pounds to bushel). Plant as late as first of June in Virginia and mature by frost. Excellently productive; stems upright; pods attach to the roots of plant, usually 2 to the pod. Peas light brown, pods bright and clean, and adhere well to the plant in digging. Pods and peanuts quite large. A large-podded variety with rather light foliage; pods clustered about the base of the plant. Have a lower oil content and a smaller proportion of meats to shell than the Spanish; should not be grown for oil purposes, used largely by parchers. Price, postpaid, 1 lb. 25c. Not prepaid, 5 to 10 lbs. 15c; 25 to 50 lbs. 12c; 100 lbs. 12 per pound.
Georgia Chufas  
_Cyperus Escoletans._ (44 pounds to bushel). Hognot; Ground Almond. (See Cut). Annual Georgia-grown seed. Demand always consumes supply before June 1st. One of our growers recently turned out 10,000 bushels of this seed on one acre planted July 4th. These attach to the roots. The vines can be pulled up for saving seed and seven-eighths will be found attached to the roots. The vines after being pulled up should be allowed to thoroughly dry for several days. For feeding value acre of Chufas equals 40 bushels of corn. There is no better hog crop known. For hog purposes, plant from April to May 10th, turn in hogs September 15th to January 15th. Mature about October and will lie in ground without rotting until eaten. Grow best in drill, rows 2 1/2 feet apart. Do not bed or hill up; give two plowings and hoeings. If you get a poor stand, pull out shoots and transplant them. Chufas are frequently matured and harvested within 90 days after planting. Plant 1 peck to acre. 10 inches in drill. Price, prepaid, 1 lb. 40c. Not prepaid, 5c. $1.00; 10c. $1.75; 1 bushel $2.75.

Jerusalem Artichoke  
_Helianthus Tuberosus._ Georgia-grown Cut artichoke, each piece with two or three eyes. Plant the same time as Irish potatos 18 inches in drill and with rows 4 to 5 feet apart; don't work after plants shade ground. Fine hog crop; produce in rich land 300 bushels per acre. Even in 3-foot rows run from row to row and make tubers—the underground beings a network of artichokes. Will stay in ground for gathering at any time all winter, even after frost. Produces an excellent root for feeding; inexpensive. Can be fed like sweet potatoes and then transplant. Turn in hogs on field in fall. We sell by measured bushel in January and February—about 50 pounds. Price, 1/2 lb. 65c; 1 lb. $1.00; 1 bushel $3.00.

Dwarf Essex Rape  
_BRASSICA NAPUS_

The universally grown forage crop in England, Germany and Canada for pasturing sheep, hogs and cattle. Drill 8 pound per acre in 3 ft. drills, 4 weeks after fall; turn over, October 15th, 12 pounds broadcast in damp lands, or drill in rich uplands. Many hog and cattle growers use Bermuda Grass in summer and use for a winter grazing proposition solely rape. Florida Experiment Station says: "We have raised as high as 22 tons to the acre in a single year. Fifteen tons of green matter can be expected almost every year. Deserving of large use for green cattle feed. Does not make milk "taste." Can be grazed or cut, three or four times. Never cold-killed; fine for green chicken feed. The plants may be cut 4 inches above the ground, which enables them to throw out new shoots. Usually sown in early fall or spring in the South. At Augusta can be sown and cut almost every month of the year except in summer months. Splendid all human food—cooked like Spinach and a tender plant can be cut over and over again. It makes one of the very finest of sausages. Price, postpaid, lb. 50c; 5 lbs. $2.00; 10 lbs. $3.75.

Beggar Weed  
_DESMODIUM TORTOSUM_

The Clover of Florida. Legume. Grows 4 to 8 feet high. Sow 10 lbs. per acre in drill, or broadcast fifteen pounds per acre; barely cover seed or sow in June on top of ground in corn rows at last cultivation; matures in 80 days; can cut several times or pasture late summer and fall; cut for hay by late September with mower; reseeds itself. Indigenous to Florida. Comes up in cultivated fields about first of June. In worn pine land as a renovator of soil it has no superior. Fine for cutting. A wonderfull cattle fattener. For hogging, broadcast 10 pounds per acre, graze when one foot high up to and through August and September; will rapidly take possession of land and come in as a volunteer crop exactly like crab grass. A single cultivation of the soil after Beggar Weed starts will kill it out so that it will never become a pest. Florida Demonstration farm planted June 6th, harvested 6,300 pounds hay August 6th. Wonderful for feeding fattening cattle. One cord weighs about 350 lbs. 52.50 per cent carbohydrates, and 23.50 per cent fat. In Florida large acreage of this crop has been grown on slops and cut 2 feet high, will come out again, making two cuttings as far north as North Carolina. Planted in game preserves for attracting and feeding quail. Crop almost a complete failure. Price, postpaid, 1 lb. 85c; 5 lbs. $4.00; 10 lbs. $7.50. Not prepaid, 5 to 10 lbs. at 12c; 25 to 50 lbs. at 65c per lb.

Russian Sunflower  
Sow at cotton planting time 10 pounds per acre, 3 foot rows, 12 to 18 inches in the drill. Cultivate like corn. Great improvement over the small Sunflower. Some are 18 inches in diameter. In Russia are used for oil. Known here as the best of all poultry foods, 40 to 50 bushels grown per acre. In cities it is the parrots' feed. Not only a valuable seed to plant on farm, but every inch of waste space around the fences and yard and field ditches should be planted in this seed; it will not only improve and beautify the place, but will produce large amounts of the most valuable feed. Price, postpaid, 1 lb. 25c; 5 lbs. $1; 10 lbs. $1.50. Not prepaid, 2.5 to 10 lbs. at 15c; 25 to 50 lbs. at 25c; 100 lbs. at 12c per lb.
Burt Oats

Known distinctly as spring oats. Better and safer than all other oats except Fulghum. Before the introduction of the Fulghum Oat, this was practically the only spring oat. Price, 1 bu. $1.50; 5 to 10 bus. $1.35; 25 bus. or more, $1.25 per bushel.

BARLEY

Georgia Spring Beardless Barley. (48 lbs. to bu.) Sow in August and cut in October, or sow for spring use in February through March; ripens in June or before; makes fine fall grazing. Makes a big yield of seed, sown in February or can be cut three times up to May 30th, cutting at last waist high; ripens earlier than bearded one-half the population of the earth. Plant March 15th, cutting at last waist high; ripens earlier than bearded oats; hulls remain tight after being cut; long heads; ripens 60 to 90 days. February planting makes quickest and best of all spring forage; better and safer than spring planted oats. Sow 114 bushels to acre. Price, not prepaid, peck $1.00; bus. $3.75. This rice is planted largely on the South Atlantic Coast. Is quite an early species; very pearly and green color. The grains are full and heavy, and the plants bright when pounded.

Blue Rose Rice.

Originated in Louisiana. The largest Georgia Coast Rice grower declares it to be the best rice yet introduced. The stalk is sturdy, and of blue-green color. The grains are full and heavy, and the plant scatter less than any known rice. Hull is same color as white rice, but the grain is shorter, more blunt, and of much greater than planim. Price, not prepaid, 1 pk. $1.25; bu. $5.00.

Carolina White. This is the old standard rice for upland use. This rice is planted largely on the South Atlantic Coast. Is quite an early species; very pearly and bright when pounded. Price, not prepaid, 1 pk. $1.00; 1 bu. $4.00.

Buckwheat

Field of Buckwheat.

RICE

Georgia Upland Rice. (44 lbs. to bushel). Can be planted where other varieties will not grow. For lowland culture get U. S. Farmers' Bulletin No. 417. The food of one-half the population of the earth. Plant March 15th to June 15th, one bushel and ROLL for uplands, in 20-inch rows. For farmers who have lowlands that can be plowed, but are too wet for other purposes, the growing either for home use or for selling to mills can be profitably done. It is better to be planted in 30-inch rows, drilled in. Requires one bushel per acre. Threshed rice straw makes (baled) fine hay. Yields 25 to 75 bushels per acre, and one or two tons of dry straw for bailing. Price, not prepaid, 1 pk. $1.25; bu. $5.00.

Tobacco Seed


Pkt. 10c; oz. 35c; ¼ lb. $1.25; 1 lb. $4.00, postpaid.

Improved Long Leaf Gooc

Packet 10c; oz. 35c; ¼ lb. $1.25; 1 lb. $4.00, postpaid.

Improved Yellow Oronoko

Packet 10c; oz. 35c; ¼ lb. $1.25; 1 lb. $4.00, postpaid.

FLOWER POTS, SAUCERS AND FIBREWARE

Standard Earthenware Flower Pots

Full inside measurement. No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates. Flower pots and Bulb Pans can not be sent by mail, but only by express or freight, at customer's expense.

sizes Each, Doz. 100, 1000.

3 in. $0.02 $0.18 $0.92
4 in. $0.02 $0.18 $0.95
5 in. $0.02 $0.18 $0.90
6 in. $0.02 $0.18 $0.82
7 in. $0.02 $0.18 $0.75

Send for Circular and Sample.

RICHMOND STYLE CEDAR PLANT TUBS

Size No. 4. Each $0.75
Size No. 5. Each 85c
Size No. 6. Each 1.00

THERMOMETERS

We carry but one grade of thermometers, the best procurable. The case is bonded, 8 in. $2.75; 11 in. $4.25; 14 in. $6.00.

Copper case, 10 in.

Self registering, indicates maximum and minimum degrees of temperature. Japanese crystal glass, $2.50.

Hotbed or Mushroom, iron point.

Churn or Dairy glass, also suitable as a soil thermometer. 1.00

GOOD YEAR MEANS GOOD WEAR

Rubber Hose

Emerald Cord Lawn Hose

25 feet, with couplings $5.00
50 feet, with couplings 3.50

SHEPS PLANT SPRAY

This non-poisonous spray gives positive protection against both sucking and chewing insect pests, including Aphids, Thrips, Green Flies, Mites, Bugs, Worms, Caterpillars and others. Harmless to humans, birds, animals and pets. Will not injure the easiest spray to mix—no soapsud solution, perfect emulsion—20 seconds from bottle to plant.

Following sizes and prices:

2 oz. bottle, postpaid 4.25
8 oz. bottle, postpaid 7.50
10 oz. bottle, postpaid 9.00
One can, postpaid 1.25
Gallon can, postpaid 6.35
5 gallon can, postpaid 30.00

Bulb Prices on Inquiry.
Sprayers and Tools

Whether You Have One or a Hundred—
"SPRAY YOUR TREES"
If you do not know how or when to spray, write us for information, which will be gladly given.
YOU WILL THANK US

Smith No. 22
Banner Compressed Air Sprayer

A heavy 4-gallon galvanized steel tank, well riveted to stand heavy pressure. Handle locks into pump head for quickly loosening or tightening pump, also used for carrying the sprayer by hand. Comes equipped with adjustable strap with snap ends; golden automatic brass spray nozzle throws fine mist or coarse spray a long distance. Pump is of brass, 2 inches in diameter with brass casting, machine cut threads for screwing into tank. Nothing to corrode, rust or wear out. Price, each, complete with 2 feet heavy hose, $6.00.

Jim-Dandy Sprayer

Adapted for spraying garden and farm vegetables, shrubbery, grape vines, currant bushes, fruit trees, etc. Will spray rapidly; disinfectants in schools, public buildings, poultry houses and stables.


Packged ½ dozen to case. Shipping weight, 21 pounds.
Each, Complete, $5.50.

Savage Dry Powder Duster

Endorsed by the Delta Laboratory, United States Department of Agriculture, Tallulah, La.
The Savage is free running and easy crankling, has no brushes or wipers. Bronze and steel gears packed in grease, sealed in gear case, never require any attention. Fan shaft runs on ball bearings. Large opening for easily filling with poison. Highly adapted for spraying garden vegetables of every description, shrubbery, berries, etc., and for the control of the Boll Weevil with Calcium Arsenate. Sprays everything in powder form.

Construction—Heavy sheet metal; brass; aluminum fan and housing; rubber nozzle; ball bearings; nicely finished. Weight—When empty, 9½ pounds. Packed one in case. Shipping weight, 14 pounds.

Hopper—Capacity 7 to 10 pounds of poison, depending on density. Full directions for operating with each Duster. Built of the finest material and workmanship, and made to stand long, hard service. Each, complete, $18.00.

Hand Sprayers

No. 3 Quart Sprayer. Capacity 1 qt. Made in galvanized tin. Each 50c.
No. 101. Glass Tank, 1 quart capacity. 90c.
No. 126. Galvanized Tank, 1 quart capacity, 75c.
No. 115 Continuous Tank, 1 quart capacity. $1.00.
No. 122. Baby Midget, 1 pint capacity. 25c.
No. 131. Powder Gun, 1 quart capacity. $1.00.
No. 111. Compressed Air Sprayer, capacity 2 gallons, automatic and positive in action, each $6.50.
No. 28. Lightning Whitewash Sprayer and Force Pump. Will fit any pail or bucket. Double action; brass cap detachable for removing the plunger; barrel made of heavy steel; very durable. Three feet of best grade of hose with each pump. Each $5.00.

No. 400. Same as No. 40, but complete with 15 feet of ½ in. 5 ply hose and brass, vernoreel, non-clogging nozzle. Weight, 5 lbs. Each $6.

NOTE—We have a sprayer to fit every purpose. If you do not find the type you want listed on this page, write us.

Wheelbarrow Sprayer (Deming)

Distinctly a "one-man" machine. Hose and discharge pipe are of sufficient length to spray young or low-growing fruit trees. Pump has 1½-inch brass tubing with adjustable stroke; brass plunger, ball valves and valve seats. Tank holds 10 gallons and is detachable from frame. Tank is made in brass or galvanized iron. Ten feet of ½-inch discharge hose with "Demorel" nozzle and 4-ft. spray pipe are included. With galvanized tank, $33.00; brass tank, $40.00.
Majestic. This is a high-grade machine made to meet the demands of the highest class of trade. It is made in 18-inch width with five reel knives. A machine for those who want the best, yet priced within reach of the man of moderate means. Has aluminum finished wheels, red shrub bar, and balance in rich bronze finish. Price, each $12.50.

BIRD CAGES

Bird Manna, price packet .......................... 15c
Bird Bittern, price bottle .......................... 25c
Song Restorer, bottle .............................. 25c
Flumeage Restorer, bottle ........................ 45c
Bird Eye Water, price bottle ......................... 25c
Mite Exterminator, price box .................. 25c
Monsting Pepper, box .......................... 50c
Nesting Food, price box .......................... 10c
Nesting Lisk, price box .......................... 10c
McAllister's Mocking Bird Food, price bottle .......................... 25c
Parrot Food, price box .......................... 15c
Silver Bell, price box .......................... 15c
Bird Seed, price box .......................... 20c
Cuttle Fish Bone, price .......................... 05c
Write for prices on bird seed, bulk in quantity, sunflower seed, Sicly Canary, rape, etc.

REMEDIES AND FEEDS

Bird Manna, price packet .......................... 15c
Bird Bittern, price bottle .......................... 25c
Song Restorer, bottle .............................. 25c
Flumeage Restorer, bottle ........................ 45c
Bird Eye Water, price bottle ......................... 25c
Mite Exterminator, price box .................. 25c
Monsting Pepper, box .......................... 50c
Nesting Food, price box .......................... 10c
Nesting Lisk, price box .......................... 10c
McAllister's Mocking Bird Food, price bottle .......................... 25c
Parrot Food, price box .......................... 15c
Silver Bell, price box .......................... 15c
Bird Seed, price box .......................... 20c
Cuttle Fish Bone, price .......................... 05c
Write for prices on bird seed, bulk in quantity, sunflower seed, Sicly Canary, rape, etc.

GOLD FISH AND SUPPLIES

Gold Fish. Fine healthy specimens. American Fantails, Comets, etc. Price, 15c to $1.00.
Fish Globes and Aquariums. Prices, 25c to $3.00.
Fish Food. Natural, price, packet 15c. Wafer, price, pkt. 10c.
Sea Shells. Price, box, 10c.

Fertilizers for Lawn, Garden and House Plants

NOTE—Prices as quoted throughout are those in effect at time this catalog goes to press. They are subject to change. We will, however, fill all orders at lowest possible prices.

STIM-U-PLANT. A plant food in tablet form for all house plants. May be used in liquid or tablet form. Efficient and easily applied. Pkt. 25c.

Bone Meal. A fine fertilizer for lawn or flower garden. It can be used liberally with perfect safety. $0.85 per 100 lbs.

Lime. Hydrated. For lawn and garden. 50 lbs. $1.00; 100 lbs. $1.75; 500 lbs. $7.00; ton, $25.00.
Beekeepers’ Supplies

LEWIS BEEWARE

Bee yards like this are bringing the owners big profits. In order to handle bees with satisfaction and to make a profit out of them it is necessary to have beekeeping equipment accurate in every detail. All hives, supers and inside fixtures must be interchangeable throughout the bee yards. The quality of goods bearing the BEEWARE trade mark answers these requirements perfectly. If you do not find any of this equipment up to your idea of perfection, you will be at liberty to return it, and all money and transportation charges will be refunded.

10-FRAME HIVE

All wooden equipment is shipped knocked down, but due to the dovetailed feature, it is very simple to assemble. Nails and directions are contained in each carton. Nothing but the clearest of white pine is used in the manufacture of this equipment with the exception of the bottom boards for hives which are made of cypress, which is the best wood known to withstand dampness from the ground.

With Metal Roof Cover

1 Hive, wt. 26 lbs. $3.65
5 Hives, wt. 151 lbs. $16.20

With Wood Cover

1 Hive, wt. 26 lbs. $3.65
5 Hives, wt. 151 lbs. $16.20

6-Frame Sizes Also Furnished.

Bee Journal Free

Upon receipt of your first order we ask publishers to send you a year’s subscription free. It contains no advertisements and is devoted entirely to the purpose of making better beekeepers of users of LEWIS BEEWARE. Only successful methods which have been tried and proven are contained in its pages. The information is gained from America’s foremost beekeepers. Good beekeeping is highly profitable. Learn the best methods.

10 FRAME COMB HONEY SUPERS

This style of comb honey super is considered standard by most comb honey producers. It holds 28 section boxes measuring 4½ x 1¼. Complete with inside fixtures except comb foundation. Thin surplus foundation ½ x 16½” should be used in this section box.

10-Frame Super for 4½ x 1¼ Sections

1 Super, wt. 10 lbs. $1.30
5 Supers, wt. 40 lbs. $4.90

10 FRAME SHALLOW SUPER

Many beekeepers in the Southeast are finding it profitable to produce chunk honey in the shallow super shown here. When the frames are filled with sealed comb, the honey comb is cut out with a knife and placed in tin containers with liquid honey. Small beekeepers who do not own a honey extractor frequently market the comb without cutting it from the frame. We recommend this type of super for beginners as it is easier to produce honey in the shallow frame than in the section boxes. Use thin surplus foundation measuring 5x16½ inches, which is attached to the groove in the top bar of the frame by means of melted wax, the lower end of the sheet being inserted through the slot in the bottom bar. No wiring of frames is necessary. For those wishing to use the thick top bar frame with wedge, a slight extra charge is made as shown below.

1 Super, wt. 10 lbs. $1.75
5 Supers, wt. 40 lbs. $7.15

10 FRAME HIVE BODY

To produce honey successfully it is necessary to provide an extra story for the queen to lay eggs in. If this extra story is not provided, swarming nearly always results and the colony of bees may be weakened to such an extent by the loss of this swarming that it will produce no surplus honey.

Only big crops are secured from strong colonies.

1 Hive body, weight 16 lbs. $1.75
5 Hive bodies, weight 65 lbs. $7.15

FRAMES

This shows a Lewis frame equipped with the patented slotted bottom board. Note the heavy wedge in the top bar. Dadant’s frame through the slotted bottom bar and the wedge nailed down from the side. No horizontal wiring is necessary. All of our hives are equipped with this style of frame.

8 Hoffman frames, wt. 5 lbs. $0.65
10 Hoffman frames, wt. 6 lbs. $0.75
100 Hoffman frames, wt. 45 lbs. $5.90
10 5% Shallow frames, wt. 4 lbs. $0.60
100 5% Shallow frames, wt. 27 lbs. $4.40
BEEKEEPERS' SUPPLIES—Continued

BEE SMOKERS

Doctor 3½x7, wt. 2 lbs. .................................................. $1.15
Smoke Engine, 4x7, wt. 2 lbs. ................................. 1.40

COMB HONEY—SELECTION BOXES

No. 1 Grade—
100—4½x1½ beeway, weight 6 lbs. .......................... $1.30
500—4½x1½ beeway, weight 38 lbs. ......................... 6.40
No. 2 Grade—
100—4¼x1½ beeway, weight 6 lbs. ......................... 1.00
500—4¼x1½ beeway, weight 38 lbs. ....................... 5.25

We can also furnish section boxes in the 4½x1½ and 4x5 plain size at a slightly lower cost. Write for prices.

Note method of inserting Dadant's thin surplus foundation into section boxes by means of heated hive scrapers. We can furnish these hive scrapers at 19c each. The thickness of the square block is just one half the depth of the section. This permits the securing of the foundation in the center of the section and is quickest method which we can recommend.

COMB HONEY SUPER INSIDE FIXTURES

| Item                        | Each 100         | Beeway section holder | .05 | $3.90
|-----------------------------|------------------|-----------------------|-----|------
| Separators, ¾ inch          | .03              | Section holder for 4x5 sections | .07 | 6.60 |
| Thin separators for 4x5 sections | .07            | Tin section holder rests  | .02 | 1.25 |
| Super springs               | .01              | Tin racks for frame rests | .02 | 1.50 |

All of the above for 10-frame equipment.

BEE ESCAPE, wt. each 2 oz., each .................................. 15

DADANT'S COMB FOUNDATION

Wired Medium Brood

<table>
<thead>
<tr>
<th>Item</th>
<th>8 sheets</th>
<th>10 sheets</th>
<th>5 pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>.15</td>
<td>.14</td>
<td>4.80</td>
</tr>
</tbody>
</table>

Unwired Medium Brood

<table>
<thead>
<tr>
<th>Item</th>
<th>8 sheets</th>
<th>10 sheets</th>
<th>5 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>.97</td>
<td>1.09</td>
<td>4.30</td>
</tr>
</tbody>
</table>

Thin Surplus Foundation

<table>
<thead>
<tr>
<th>Item</th>
<th>1 lb.</th>
<th>5 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>.26</td>
<td>.45</td>
</tr>
</tbody>
</table>

All frames are equipped with slotted bottom bars. Dadant's ready wired foundation slides into the slot. No more tedious wiring of frames to get good combs.

The 5½ inch shallow extracting frame filled with comb built on Dadant's thin surplus foundation measuring 5 inches by 16½ inches.

Illustration shown vertically wired foundation inserted in slot of bottom bar.

METAL ROOF COVERED WITH INNER COVER

<table>
<thead>
<tr>
<th>Item</th>
<th>10-Frame Hive Body with Frames, wt. 10 lbs.</th>
<th>5 10-Frame Hive Bodies with Frames, wt. 68 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$1.75</td>
<td>7.15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>10-Frame Metal Cover with Inner Cover, wt. 13 lbs.</th>
<th>5 10-Frame Metal Covers with Inner Covers, wt. 47 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.40</td>
<td>5.75</td>
</tr>
</tbody>
</table>

REVERSIBLE BOTTOM BOARD

<table>
<thead>
<tr>
<th>Item</th>
<th>10-frame Reversible Bottom Boards, wt. 9 lbs.</th>
<th>5 10-Frame Reversible Bottom Boards, wt. 56 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$3.90</td>
<td>3.30</td>
</tr>
</tbody>
</table>

STEEL HIVE TOOL

Weight, 8 oz., each .................................. $ .50

EXCELSIOR WIRE BEE VEILS

Each $1.00
Dairy Farm Supplies

We carry a FULL LINE OF ALL KINDS OF DAIRY SUPPLIES AND FEEDS which lack of space prevents us from listing below. If interested in any not listed, write us.

**SINGLE BRUSH STEAM TURBINE WASHER**

This Steam Turbine we know is as good as the best, as we have constructed it in the most approved manner, and used the very best of material. The steam wheel is carefully balanced; the shaft runs in two heavy bronze boxes. Equipped with our Improved Brush Holder.

**Price.**

Single Brush, Dope $13.00
Double Brush, Dope $21.00

**THREE BRUSH STEAM TURBINE WASHER**

This WASHER is well constructed, the gears running in oil. The gears and box do not come in direct contact with the steam, incurring long wear. Equipped with a governor brake to control the speed, which is made strong and will not break or get out of order. The three brushes enable operator to wash the outside and inside of two bottles at one time, doing the work of three brushes. Anyone having a quantity of bottles to wash will find this WASHER will do the work better and in a shorter time than any Brush WASHER on the market.

**Price.** $75.00.

**MILK BOTTLES**

Best, Standard Weight, Plain Ware.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Dozen</th>
<th>Gross</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarts</td>
<td>$1.00</td>
<td>$11.00</td>
</tr>
<tr>
<td>Pints</td>
<td>$0.30</td>
<td>$3.00</td>
</tr>
<tr>
<td>Half pints</td>
<td>$0.75</td>
<td>$6.50</td>
</tr>
</tbody>
</table>

Pints and quarts are packed half gross to the case; half pints 1 gross to case.

**LEWIS HAND EXTRACTORS**

Bee keepers have found that cheap extractors, made to look very good by paint, are the most expensive in the long run. Early in the life of extractors built on price alone, expensive repair parts have to be purchased and valuable time is lost when cheap parts wear out or come apart. Here is an extractor that is built to last a lifetime and which will have a resale value much higher than any other extractor on the market, in case you will want to purchase a larger machine later.

**Price.** Each $35.00.

**BEWARE**

We carry in stock only standard 10-frame equipment, but will procure 8 frame equipment for those who wish it.

**Ship Your Honey in Cans—Pack in Glass**

No. 5 (1½ gal.) Friction Top Cans with handles. Per 100, $7.50.
No. 10 (1 gal.) Friction Top Cans with handles. Per 100, $10.00.

Write for prices on Honey Jars both flinted and plain. Sizes 3-oz., 6-oz., 16-oz., 32-oz.

**HONEY CANS**—5 gal., 10 gal. Write for prices.

**HONEY LABELS.** Write for prices on labels—both printed and plain.

**A-1 WASH SINK**

The repeated inquiries for a sanitary Wash Sink have resulted in our construction of one that will meet all requirements of any Health Board and of the most exacting dairymen.

constructed of extra heavy galvanized steel, sanitary pipe legs, sloping bottom for drainage. We guarantee it to be satisfactory if you want the best.

**Tank two compartments, 2' and 3' 6" x 2' 3" wide. Price $35.00.
Tank one compartment, 3'. Price $30.00.

Any size made to order.
Milk Bottle Caps

Plain, Lettered, or Special Print Caps

Tubes of 500, each. $ .25
Boxes of 5,000. 2.40
Boxes of 50,000. 13.50

Sealright Pouring-Pull Milk Bottle Caps

1. It can be removed cleanly just by pulling the tab.
2. The tab can be lifted without removing the cap and the milk poured without spilling or exposure.
3. The tab can be lifted and a straw inserted for drinking milk in schools, restaurants and at home. Per 1,000, 50c.

Write us for prices on Caps in quantities with Name of Dairy, etc., printed on same. Every dairy should have these.

Milk Bottles

Best, Standard Weight, Plain Ware.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dozen</td>
<td>$1.00</td>
</tr>
<tr>
<td>Gross</td>
<td>$11.00</td>
</tr>
</tbody>
</table>

Quarts: $ .80
Pints: $ .50
Half Pints: $ .35

Pints and quarts are packed half gross to the case; half pints 1 gross to case.

Dairy Brushes

Milk Bottle Brushes (Hand). Each. 50c, 60c, 75c.
Scrub Brushes. Good for scrubbing milk cans. Each 50c.
Stable Brooms. Steel. Each $2.10.

Sanitary Cases

Clean, light, durable. Made of selected lumber. Securely nailed and reinforced with a strip of steel in each corner. Partition wires galvanized and hand riveted. Heavy galvanized top stacking irons riveted and nailed, reinforcing and protecting corners from wear. Standard size inside dimensions, 16½ x 13¼.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarts, each</td>
<td>$2.25</td>
</tr>
<tr>
<td>Pints, each</td>
<td>2.25</td>
</tr>
<tr>
<td>Half Pints, each</td>
<td>2.50</td>
</tr>
</tbody>
</table>

Wyandotte Cleaner and Cleanser

This popular cleansing alkali will keep your utensils, cans, churns, vats, etc., sterile, pure and clean. The greasy film that milk leaves goes completely when a Wyandotte solution is used.

250-lb. Bbls., per 100 lbs. $5.86
80-lb. Kegs, each 6.69
5-lb. Sacks, each .50

Butter Paper

Patterson Butter Parchment—Vegetable compound. Per 5 lbs. $1.40
Per 5 lbs. 1.75

Butter Molds

Both round and square types—with and without designs. Price, each $ .45.

Butter Cartons

Pasteboard. Very attractive package. 1-pound size. Per 100 $1.25

B-K The Ideal Dairy Disinfectant

B-K—The Ideal Dairy Disinfectant and Deodorizer. This is a necessity with all dairymen everywhere. It will absolutely kill bacteria—The words B-K mean "Kill-Bacteria." Use it—you will see a great difference in your milk. Recommended and demanded in great many cases by all health officials. 8 oz. 45c; 16-oz. 65c; gallon size $3.00; 5-gallon size $12.50.
Poultry Supplies and Feeds

BLACK HAWK CORN SHELLER—Where whole corn is fed to poultry, this is a very good article for the shelling of it. Price, $3.00. By mail add 35c postage.

BLACK HAWK CRIST MILL—It is easily fastened to a table top, and corn and other grains can be cracked or ground into the finest meal. Price, $3.50. By mail add 35c for postage.

OAT CRUSHER No. 110—Provides the very necessary green feed at all seasons. Healthy chickens and more eggs. The frame is of steel, well braced and neatly painted. Has six heavy galvanized steel pans. Five of the pans are small for better uses to secure the proper drainage, and the bottom pan is solid to hold the drippings. Shipping weight, 36 pounds. Each $6.75.

HUMPY-DUMPY EGG CARRIERS—Well built wooden egg carrier. Holds twelve dozen eggs. The best, cheapest and most convenient in existence. Eggs may be shipped by express without danger of breaking them. An article of this description is not available in any drug store. Carrier comes complete with paper fillers (to separate each egg.) Each $1.00. Extra fillers, 30c per dozen.

ANDERSON "HATCHENEGG" BOX—Used for holding one dozen eggs, but impregnated with lice killing and disinfecting properties, a vermin killer and nest egg in one. It can be easily fastened to a table or board, and corn and other grains can be cracked or ground into the finest meal. Price, $3.00. By mail add 35c postage.

WHITE GLASS NEST EGGS—5c each; 30c dozen (mailing weight 2 lbs.).

REGAL EGG CARRIERS

This "Safety First" box for either Parcel Post or Express use. This box is strong enough to bear your own weight when filled with eggs and will withstand the hardest jolt without breaking. The breeder who knows will use this box for shipping fancy eggs. Price, Each. Dozen.

No. 3—15-egg (mailing weight 2 lbs. to 1 doz.) $ .50 $2.75

No. 4—20-egg (mailing weight 2 lbs. to 1 doz.) $ .60 $3.75

No. 5—50-egg (mailing weight 2 lbs. to 1 doz.) $ .90 $5.00

THE PETTEY POULTRY PUNCH—A simple and effective mechanism that permits individual identification. The hole is punched in the thin web between the toes and makes a clean, quick cut and does not hurt the chick. Each, postpaid 30c.

REGAL EGG CARRIERS

No. 3—15-egg (mailing weight 2 lbs. to 1 doz.) $ .50 $2.75

No. 4—20-egg (mailing weight 2 lbs. to 1 doz.) $ .60 $3.75

No. 5—50-egg (mailing weight 2 lbs. to 1 doz.) $ .90 $5.00

MOE'S REGAL 15 EGGS

15 Eggs, each... $ .20 $1.25
30 Eggs, each... $ .40 $2.50
60 Eggs, each... $ .60 $3.50
120 Eggs, each... $ 1.00 $6.00

PASTEBOARD EGG BOXES—Used for holding 1 dozen eggs, neatly packed for market. Long style, 6x2 eggs, 25c per doz.; 25c per dozen 50c.

STANDARD EGG TESTER—Price, 45c. Mailing weight, 4 ozs.

LICE KILLING NEST EGGS—Shaped like a natural hen's egg, but impregnated with lice killing and disinfecting properties, combining the qualities of a vermin killer and nest egg in one. Used to keep the nest sweet and clean and the free from lice and disease. 5c each (mailing weight 4 ozs.); dozen 50c (mailing weight 3 lbs.).

WHITE GLASS NEST EGGS—5c each; 30c dozen (mailing weight 2 lbs.).

CHICK BOXES

LIVE CHICK SHIPPING BOX—Made of corrugated paper, extensively used, will carry chicks any distance with perfect safety. Are shipped knocked down and take up small amount of space.

25 Chicks—Weight of box, 1 lb. Each... $ .17c
50 Chicks—Weight of box, 2 lbs. Each... $ .35c
100 Chicks—Weight of box, 3 lbs. Each... $ .70c

"TYCOS" INCUBATOR THERMOMETER, NO. 5770

Metal Egg Crates Prices

1½ doz. size—all eggs $1.25
4 doz. size—all eggs $2.00
6 doz. size—all eggs $3.00

Prices Combination Crates With Metal Containers

No. 1—2 lbs. and 1 doz. eggs. $1.50
No. 2—3 lbs. and 2 doz. eggs. $2.00
No. 3—4 lbs. and 3 doz. eggs. $2.50
No. 4—6 lbs. (three 2-lb. Containers) $3.00
No. 5—8 lbs. (three 2-lb. Containers) $3.50
No. 6—16 lbs. (two 8-lb. Containers) $5.50
No. 7—24 lbs. (two 12-lb. Containers) $7.50

NOTICE—After much experimenting and testing we have found it is more satisfactory to our customers to hatch their own eggs with Buckeye Incubators than it is for them to buy Baby Chicks from a distance and attempt to raise them.

BABY CHICKS—We can furnish any quantity of any variety or strain of Baby Chicks that you may want. Write for prices.

"TYCOS" INCUBATOR HYGROMETER, NO. 5796

Price, $1.50. Extra Wicks, 10c each, postpaid.

THE PUTNAM BROODER HEATER

Will hover from 25 to 50 chicks. Lamp will burn 7 days on 1 filling. Simple to operate and absolutely safe. A complete brooder can be made at a cost of not over $5.00. Price for Brooder, postpaid, $4.75.

Buckeye Brooders

SOLD ON MONEY-BACK GUARANTEE

THE BUCKEYE "RITE-HEAT" OIL BURNING WICKLESS BROODER

Here is an oil-burning brooder that gives the same satisfaction as the Buckeye coal-burning brooders. Here is the most efficient, the most dependable, the most economical, and the simplest oil-burning brooder that has ever been devised.

AMAZING HEATING EFFICIENCY—It can be operated at most temperature, and depended upon to supply the correct amount of heat for brooding purposes. There is no limit to the hours of production.

LOW OIL CONSUMPTION—The "Rite-Heat" Brooder is wonderfully economical in oil consumption. In extremely cold weather an average of only 2% to 3 gallons of oil will be consumed every 24 hours. Even where the temperature is freezing to zero, no more than 4 gallons of oil will be needed. The oil container holds 4 gallons.

SIMPLE TO REGULATE—It is equipped with the simplest, most dependable regulator ever devised. There are no valves or pinions to get out of order. The heat is automatically regulated by marvelously efficient thermostat. The usual accuracy and efficiency of this regulator makes it unnecessary for the operator to give the brooder any attention after it has been once properly regulated.

PERFECT COMBUSTION—No CARBON—The total absence of carbon is an outstanding feature of the "Rite-Heat" burner. This is sure proof of perfect combustion, and guarantees that the maximum amount of heat can be expected from the oil consumed.

Many poultry raisers prefer the standing type of Incubator Ther- mometer. No. 5776 made of metal legs, which fold under and may be adjusted to almost any desired position. Set in the floor of the egg, the floor of the incubator. Made in mercury tubes only. Price 75c each; post paid 55c.
BUCKEYE BROODERS—Continued.

SIMPLE, PRACTICAL CONSTRUCTION—The "Rite-Heat" Brooder is simple and practical to the last degree. The cast iron burner consists of only three pieces. It is only necessary for the operator to connect the stove with the oil container, place the canopy above the stove, and the brooder is ready to work.

REVOLVING CANOPY—The famous Buckeye canopy deflects the heat to the floor and to a limited area around the stove, insuring the right amount of heat to every chick. Without the canopy, Buckeye efficiency would be impossible.

ACTUAL CAPACITY RATING—"Rite-Heat" Brooders are made in two sizes, rated at 500 and 1,000 chicks respectively. They are not over-rated. Many more chicks can be accommodated under these brooders, but for best results we recommend these numbers.

<table>
<thead>
<tr>
<th>No.</th>
<th>Canopy (in)</th>
<th>Chicks</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>48</td>
<td>500</td>
<td>$28.50</td>
</tr>
<tr>
<td>102</td>
<td>56</td>
<td>1000</td>
<td>$32.50</td>
</tr>
<tr>
<td>90</td>
<td>36</td>
<td>300</td>
<td>$19.50</td>
</tr>
<tr>
<td>92</td>
<td>44</td>
<td>500</td>
<td>$24.50</td>
</tr>
</tbody>
</table>

BUSTED ACTUAL CAPACITY—Buckeye Electric Brooders are made in four popular sizes. They will positively take care of the number of chicks which their rating specifies.

THE BUCKEYE BLUE FLAME COLONY BROODER

AN AMAZINGLY EFFICIENT OIL-BURNING BROODER

The Buckeye Blue Flame Colony Brooder is ideal for use in small, warmly constructed, or heated brooder houses, or in climates where the temperature rarely falls below freezing.

POWERFUL WICK BURNER—Its burner is a marvel of simplicity—the most efficient burner of its kind. Being a wick burner, there is no "Oil-leveling" mechanism to go wrong. There are no levers, no valves to fuss with and adjust. It requires no complicated leveling.

SIMPLE HEAT REGULATOR—Nothing could be easier or simpler to operate. There is no priming, no bother. Simply apply the match. The heat regulator has only one knob. Turn it up or down like an oil stove in the kitchen. It stays regulated. The burner is self-feeding, self-regulating, and positive.

"DIAFRAM" HEAT CONVEYOR—The "Diafram" Heat Conveyor is so designed and attached to the hover as to guarantee the radiation of the heat to every chick. With a sure supply of heat coming from the burner and with all the heat being radiated to every part of the brooding area by the "Diafram", heat conveyor, the chicks don't get chilled, nor over-heated.

RATED ACTUAL CAPACITY—Like the Buckeye Coal Burning Brooders, the Buckeye Blue Flame Brooders are rated actual capacity. In Buckeye, the rating is given to show the actual number of chicks that can be successfully brooded.

<table>
<thead>
<tr>
<th>Model</th>
<th>Canopy (in)</th>
<th>Chicks</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 7</td>
<td>42</td>
<td>200</td>
<td>$17.50</td>
</tr>
<tr>
<td>No. 9</td>
<td>40</td>
<td>350</td>
<td>$21.00</td>
</tr>
</tbody>
</table>

BUCKEYE ELECTRIC COLONY BROODER

THE HIGHEST DEVELOPMENT IN BROODERS OF THIS TYPE

Here is a brooder heated by electricity that gives maximum brooding satisfaction without the disadvantages that have heretofore been common with brooders of the electric type.

AUTOMATIC ELECTRIC SWITCH—One of its outstanding features is the accurate, reliable operation of the electric switches which turn the electric current on and off. These electric switches work automatically, and keep the temperature at the required point.

DEPENDABLE HEATING ELEMENT—The heating elements conserve and distribute the heat evenly. They produce a maximum amount of heat with a surprisingly low consumption of current. The entire heating unit is enclosed in a metal sheath to protect it from injury.

"DIAFRAM" HEAT DIFFUSER—The famous Buckeye "Diafram" Heat Diffuser, both above and below the heating unit, produces positive, even distribution of the heat. There are no hot spots or cool spots under the hover.

DESIGNED FOR 110 TO 125 VOLTS CURRENT—Buckeye Electric Brooders are designed for use with electric current of from 110 to 125 volts A.C., regardless of cycle.
**B. B. KIRKLAND SEED CO.**

**Dry Mash Hoppers**

A Dry Mash Hopper of great merit, made of heavy galvanized iron. All parts accurately stamped with dies. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging. The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed. The sloping flange prevents them from roosting on the hopper. When both covers are closed it is rat, mouse and weather proof.

**Made in Four Sizes:**

<table>
<thead>
<tr>
<th>Size</th>
<th>Capacity</th>
<th>Each</th>
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</thead>
<tbody>
<tr>
<td>No. 35</td>
<td>10 quarts</td>
<td>$1.50</td>
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<tr>
<td>No. 36</td>
<td>14 quarts</td>
<td>$2.00</td>
</tr>
<tr>
<td>No. 37</td>
<td>22 quarts</td>
<td>$2.40</td>
</tr>
<tr>
<td>No. 38</td>
<td>32 quarts</td>
<td>$2.80</td>
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</tbody>
</table>

**Round Feeder No. 12.** This is a splendid feeder for about 25 baby chicks. Used for mash or grains either. Hens can't scratch it over or get to the feed. Perfectly sanitary and desirable in all respects. 8% inches in diameter; 12 holes. Postpaid, each 35c; 3 for $1.00.

**Single Trough.** Heavy galvanized iron trough for baby chicks. Ideal for mash. One pound of mash will give feed for a day, and there is no loss.

**Double Feeder Trough.** Similar to single except that it has two sides and is twice as deep.

**Improved Wall Fountain**

Made of heavy galvanized iron, in three sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

**Magazine Chick Feeder and Waterer No. 18.** A new round chick feeder with a magazine or container to hold a good quantity of feed. The upper magazine is fitted to the feeder with a spiral thread; this can be adjusted up or down to feed the different kinds of grain. It can also be used as a drinking fountain, as the magazine is water and air tight. Ideal for brooder houses and brood coops for feeding baby chicks. Can be given at one time sufficient feed for a day, and there is no loss. Price, each, 65c; postpaid, 70c.

---

**KIRKLAND’S SEEDS SHO-GRO**

**Buckeye Style "E"**

A high quality, dependable Buckeye built to meet the demand for a low-priced incubator. Contains all the vital Buckeye features. Economy practiced only in those parts that do not affect hatching ability.

Temperature regulated by the Buckeye Standard All-Metal Thermometer. Single wall; made of California Redwood, or Cypress.

Models No. 16 and No. 17 are equipped with the new Buckeye automatic egg-turning tray system. A Buckeye Standard Thermometer, also a Buckeye standard egg tester, included with each "Style E" Incubator. No extras to buy.

**What It Means to You to Buy Equipment Made by the World’s Largest Manufacturers of Incubators and Brooders.**

When you buy an incubator and brooder you are buying more than so many pounds of steel and iron. You are buying chick-hatching and chick-raising performance. What the equipment will do, is the thing that interests you.

After all is said and done, the "cheapest" incubator you can possibly buy is one that hatches the highest percentage of big, strong, healthy chicks; and the "cheapest" brooder you can possibly buy is the one that raises the most chicks and the best chicks. The price you actually pay for the equipment does not indicate its "cheapness" or "costliness." The real value of your investment—that's the incubator that is the "best buy." The price you pay when you buy the brooder means but little—only a few dollars one way or the other. But, the percentage of chicks your brooder raises, and the economy practiced only in those parts that do not affect chick-hatching ability.

**How to Judge Equipment.**

The Buckeye Incubator Company could not have attained and held its position as the largest manufacturer of incubators and brooders in the world, if its product did not make good in daily performance. That would be impossible. Success such as this is the unfailing result of a high percentage hatch of fine, fluffy, healthy chicks. And Buckeyes take less time and attention—that's the incubator that is the "best buy."

**Buckeye Incubator Set the Standard.**

The invention of the Buckeye Incubator Company could not have attained and held its position as the largest manufacturer of incubators and brooders in the world, if its product did not make good in daily performance. That would be impossible. Success such as this is the result of making a better product and rendering a better service. Sales of Buckeye poultry-raising equipment are greater than those of the combined sales of the three or four next larger concerns in the industry. Buckeye shipments to foreign countries are larger, by far, than the combined shipments of all other American incubator and brooder manufacturers. Why? Because Buckeye, for thirty-five years, has produced equipment that raises the most chicks, and the best chicks. And Buckeyes take less time and attention—that's the incubator that is the "best buy."

**Egg Tester Furnished Free.**

An egg tester is a handy article to have. By its use the progress of the hatching chicks can be observed, and eggs that aren't fertile may be removed from the machine. A Buckeye egg tester is a simple device that any one can use intelligently, and being made of heavy steel, it will not wear out or get out of order. By placing the egg at the small end of this tester and looking through the large end towards the sun or an artificial light, the contents can clearly be seen and the progress of the incubation easily followed.

A Buckeye Egg Tester is furnished with every incubator without charge.
Baby chick age. For the first few days the chick is largely sustained by the yolk it absorbed while in the shell. Our Starter is mild, soft and easily assimilated—just the feed to carry on and strengthen nature's process. It has the materials for making bone, tissue and feathers, as well as for developing digestive capacity. Price: 8-lb. sack 70c; 25-lb. sack $1.65; 50-lb. sack $2.90; 100-lb. sack $5.50.

Ful-O-Pep Growing Mash

Ful-O-Pep Fine Chick Feed

Ful-O-Pep Coarse Chick Feed

3 lbs 1/3 lb. sack, $1.35; 50 lbs.

Ful-O-Pep Scratch Grains

Ful-O-Pep Dry Mash

Ful-O-Pep Fine Chick Feed

Ful-O-Pep Coarse Chick Feed

Ful-O-Pep Growing Mash Price, $1.35; 50 lbs.

Ful-O-Pep Fine Chick Feed, $1.35; 50 lbs.

Ful-O-Pep Coarse Chick Feed

Ful-O-Pep Growing Mash Price, 3 1/3 lb. sack, 50c; 100-lb. sack, $4.25.


Ful-O-Pep Coarse Chick Feed. 100 lbs., $1.10.

Ful-O-Pep Scratch Grains. Price, 100 lbs.

Ful-O-Pep Dry Mash. Price, 25-lb. sack $1.15; 100-lb. sack, $4.00.

Pearl Poultry Grit. No. 1 for small chickens and pigeons; No. 2 for grown fowls. Price, 100 lbs. $1.35.

Poultry Charcoal. Fine for chicks; Medium for half-grown fowls and pigeons; Coarse for full-grown fowls. Price, 50-lb. sack, $2.25.

Reefer's Moregg Tablets Dissolve in drinking water. Makes layers out of loafers. $1.00 size package—Special price, 50c each; 3 pkg's. for $1.00, postpaid.

Canners' Supplies

WHAT TO CAN

Many home canners are canning farm meats, sausage, spare ribs, chicken, tomatoes, corn, peas, pumpkins, game, rabbit, fish, salmon, peaches, sorghums, sweet apple cider, oysters, clams, pickle, kraut, spinach, lima beans, succotash, squash, asparagus, and other vegetables, soups, mushrooms, hominy, pork and beans, Spanish dishes, chili-concarne, plum pudding, fruit juices, syrups, preserves, jams, jellies, peas, apricots, plums, milk, butter, etc., all in SANITARY CANS

No. 2 (Pint size), per 100. ...................... $3.35
No. 2 (Pint size), per 1,000. .................... 32.25
No. 3 (Quart size), per 100. .................... 4.65
No. 3 (Quart size), per 1,000. .................. 35.90
No. 2 Sanitary Cans. Packed in wooden re-shipping cases.
Two dozen to case, per case. .................. .85
No. 3 Sanitary Cans. Packed in wooden re-shipping cases.
Two dozen to case, per case. .................. 1.20
No. 2 Lacquered Cans. For aciduous fruits, etc. Per 100. —
No. 3 Lacquered Cans. Per 100. .................. .89

Soldering Irons. Each. ......................... 1.75

Soldering Wire. Per lb. ......................... .45

Solder Top Cans

No. 2 (Pint size), per 100. ...................... $3.35
No. 2 (Pint size), per 1,000. .................... 32.25
No. 3 (Quart size), per 100. .................... 4.70
No. 3 (Quart size), per 1,000. .................. 44.40

National Canning Outfit

COMPLETE TO SEAL

No. 1, 2, 2½, 3 Size Cans. Each. .................. $10.00

BEE SUPPLIES—We are large handlers of Bee Supplies. See our prices and descriptive matter on pages 40, 41, 42. Write for our magazine BEE CAUSE. Sent free every month upon request.
KIRKLAND'S SEEDS SHO-GRO

PRATTS PREPARATIONS MEAN HEALTH

**Pratts Poultry Regulator**

Has no equal. It is the world’s original poultry regulator and has been the standard for over 50 years. Not a dope or stimulant but a natural tonic supplying numerous health necessities required by heavy laying hens and breeding stock. Tones up the system, regulates bowels, aids digestion, sharpens appetite, wards off disease and increases vitality. Guaranteed to give satisfaction or your money back. 4 lb. packages, 50c; 15 lb. packages, $1.10; 25 lb. pail, $3.50; 50 lb. drum, $5.50; 100 lb. drum, $10.00.

**Pratts Condition Tablets**

Not only for show birds but for all fowls that are out of condition and need toning up. Valuable for treating individual birds that are “off their feed.” Efficient in treating colds, liver and digestive troubles. Always keep a box at hand. 25c and 50c per pkg.

**Pratts Gape Compound**

Made for external use. Effective and a safe and quick remedy for gapes in chicks. Use it as a preventive and avoid heavy losses from this trouble. Fully guaranteed. 25c and 50c pkgs.

**Pratts Powdered Lice Killer**

A powerful and economical lice killer that quickly rids your fowls of those profit eating pests. Use it on the poultry, in the nests and dust boxes, etc. Also used to free horses, cows, sheep, dogs, cats, etc., from lice, lice and other vermin. Fully guaranteed. 25c and 50c.

**Pratts Special Compound**

For all sorts of digestive troubles commonly known as “cholera,” such as indigestion, diarrhea, sour crop, dysentery, etc., this remedy offers a safe, sure and quick relief. Can be used as a preventive as well as a remedy. Always keep a package in your poultry medicine chest. 25c and 50c per pkg.

**Pratts Poultry Worm Powder**

Rids poultry of round, tape and thread worms, is safe, sure, easy to use and costs only a little over one cent to treat a fowl. In handy sifter top cans 50c and $1.00 pkgs. 25-lb. pail, 100-lb. bags. Easy to use and costs only a little over one cent to treat a fowl.

**Pratts Disinfectant**

Insures poultry health. A cheap, powerful, non-poisonous disinfectant. Four times as effective as carbolic acid. A gallon makes a barrel of disinfecting solution. Use it freely. Spray it about the poultry houses, roosts, dropping boards, nests and wherever a strong disinfectant is needed. Acts as a deodorizer, germicide, and liquid lice killer. Effective in the treatment of roup, colds and contagious diseases. 1 qt. 50c; 2 qts. 90c; 1 gallon $1.50.

**Pratts Diarrhea Tablets for Chicks**

Use this in the chicks drinking water for the first ten days and you will avoid losses from white diarrhea and like bowel troubles. This is “life insurance,” for chicks that will save you hundreds. Very easy to use and fully guaranteed. 2c and 50c pkgs.

**Pratts Roup Remedy**

A powerful and economical lice killer that quickly rids your poultry houses, roosts, dropping boards, nests and wherever a strong disinfectant is needed. Acts as a deodorizer, germicide, and liquid lice killer. Effective in the treatment of roup, colds and contagious diseases. 1 qt. 50c; 2 qts. 90c; 1 gallon $1.50.

**Pratts Red Mite Special**

A powerful preparation put up specially to rid flocks of red mites, ticks, blue bugs, fleas and like blood sucking vermin. It should be sprayed or painted on the roosts, dropping boards, nest boxes, and in all cracks. One application is effective for two months. Many times more powerful and effective than ordinary liquid lice killers. 1 quart 50c; ½ gallon 90c; 1 gallon $1.50.

**Pratts Sore Head Chicken Pox Remedy**

A safe, sure and powerful remedy that will prevent as well as cure this disease. Tones up the system, heals the sores and prevents spread of the disease. Easy to use, you should always keep a package in your chest so you can treat your hens promptly. It may mean saving your flock. 30c and 60c per pkg.

**Pratts Scaly Leg Ointment**

A simple, strong, guaranteed ointment, easy to apply, that will quickly cure the most stubborn case of scaly leg. Don’t have lame birds that don’t lay, use this ointment, and have a healthy flock. 30c and 60c per can.

**NITRAGIN**

Restores and Maintains Soil Fertility

Grow legumes—all clovers, soy beans, cow peas, vetch, peas, beana, all legumes with The Improved Soil Incubator. A masterpiece of glowing results. No other inoculant has ever produced such results. Used in millions of acres. Two of the original NITRAGIN seed inoculators sold for $1.25 are now only 40c each.

Registered in the United States Dec. 6th, 1898. OVER 20 YEARS AGO

Prices for Field Nitrin

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
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<tbody>
<tr>
<td>½ bu.</td>
<td>40c</td>
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<tr>
<td>1 bu.</td>
<td>75c</td>
</tr>
<tr>
<td>2 bu.</td>
<td>1.50</td>
</tr>
<tr>
<td>4 bu.</td>
<td>2.50</td>
</tr>
</tbody>
</table>

*These prices on Nitrin for Soy Beans and Cow Peas have been greatly reduced from former prices.

Inoculated Alfalfa Roots

Sold in tin—not glass—packed in rich, soil-like granular medium, easy to mix with seed. Contents always fresh and bacteria active and vigorous.
TRY KIRKLAND'S WONDER (FROSTPROOF) ENGLISH PEAS IN YOUR GARDEN

B. B. Kirkland Seed Co., Augusta, Ga.

Gentlemen:—I am enclosing $...................... for the following seeds to be sent by...................... (State here if wanted by Mail, Express or Freight.)

Name.................................................. (If Mrs., kindly use husband's initials or given name, as Mrs. John W. Jones.)

P. O.................................................. State

R. F. D. No. Box No. Street and No.

Express or Freight Office....................... (If different from your Post Office.)

BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOG ON PAGE 1

<table>
<thead>
<tr>
<th>NUMBER IN CATALOG</th>
<th>QUANTITY</th>
<th>Names of Seeds or Other Articles Wanted</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs.</td>
<td>Kirkland's Palmetto Special Lawn Mixture, 40c lb.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>lbs.</td>
<td>Kirkland's Wonder English Peas, 30c lb.</td>
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</table>

Amount Carried Forward

REMEMBER NO ORDER TOO LARGE OR TOO SMALL TO SEND TO KIRKLAND'S
<table>
<thead>
<tr>
<th>NUMBER IN CATALOG</th>
<th>QUANTITY</th>
<th>ARTICLES WANTED</th>
<th>Dollars</th>
<th>Cents</th>
</tr>
</thead>
</table>

Amount Brought Forward

When Ordering Write Below

The names of several of your neighbors or friends who have not received our catalog but who you believe might order from us. For your kindness we shall be glad to send you some extra seeds along with your order.

<table>
<thead>
<tr>
<th>NAME</th>
<th>POST OFFICE</th>
<th>R. F. D. No.</th>
<th>STATE</th>
</tr>
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</table>

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<tr>
<th>Name</th>
<th>Post Office</th>
<th>R. F. D. No.</th>
<th>State</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>
**INSECTICIDES**

No article on this page can be mailed except those quoted “postpaid.”

**Lime-Sulphur Solution.** For fall and spring spraying use one gallon concentrated lime-sulphur solution to 5 gallons of water. For summer spraying 1¼ gallons to 50 gallons water, to which add 2 lbs. of either dry powdered arsenic or arsinite of lead or arsenate of calcium, or ½ lb. to 1 lb. Paris green. Qt. 40c; 2 qts. 65c; gallon $1.00; 5 gals. $3.50; 10 gals. $6.00; barrel $17.00.

**Dry Lime Sulphur.** Exactly like lime-sulphur except that the water has been taken out. No freight to pay on water, no leakage, never freezes. For fall and spring spraying, use 12 to 15 lbs. to 50 gallons water. Summer spray add 2 lbs. of either arsenic of lead or arsinite of calcium or ½ lb. to 1 lb. Paris green to make a combined insecticide and fungicide. By mail, postpaid, lb. 40c; 5 lbs. $1.50; 10 lbs. $2.50. Not prepaid, lb. 50c; 5 lbs. $2.25. Cannot be mailed.

**Bordeaux Mixture.** This mixture not only prevents high season rust, mildew, black-rot, and other fungous diseases of plants and fruits, but improves the quality and largely increases the yield. It should be used on all vine-crops, grapes, cucumbers, melons, tomatoes, etc. It may especially be recommended to thorough spraying. To make a combined fungicide and insecticide add a pound of Paris Green. By mail, postpaid, 1 lb. 40c; 5 lbs. $1.50; 10 lbs. $2.50. Not prepaid, 1 lb. 50c; 5 lbs. $2.25. Cannot be mailed.

**Black Leaf 40.** For sucking insects. Kills plant lice on roses, shurbbery, fruits and vegetables. A concentrated solution of nicotine sulfonate, guaranteed to contain not less than 40 per cent of nicotine. A solution in the proportion of a teaspoonful to a gallon of water, to which add 1 lb. of lime-sulphur, will kill the lice on rose leaves and injure the vine. Mix with 500 times its bulk of water, 1 oz. bottle 35c; ½ lb. $1.25; 2 lbs. $3.50; 10 lb. pkg. $13.50. Cannot be mailed.

**Pyrox.** The best and safest all-round spray for all insects, sticks and fungus troubles. Kills potato bugs. Qt. 40c; 2 qts. 65c; gallon $1.00; 5 gals. $3.50; 10 gals. $6.00; barrel $17.00.

**Soil Phosphate.** Highly used for the same purposes as Bordeaux Mixture, except it is used in dry form instead of liquid. Recommended highly for watermelons, cantaloupes, melons, tomatoes, and other fungous diseases. Price, 10 to 25 lbs. at 15c lb.; 100 lbs. at $12.50.

**Bluestone.** (Copper Sulphate.) For smut in wheat and other grains. Price, lb. 20c; 5 lbs. at 15c; 10 lbs. at 14c per pound.

**Contagion Rat Death.** A culture fed on bread which gives contagious fatal sickness to rats to which he communicates to the whole tribe. Dead rats are odorless. Price, postpaid, 50c.

**Comfort Bed Bug Exterminator.** Non-poisonous, Pleasant to use, especially recommended for controlling ants and insects and other fungous diseases. Price, 10 to 25 lbs. at 15c lb.; 100 lbs. at $12.50.

**Cooper's Cane Dip.** Texas fever, ticks, etc., can be absolutely eradicated by the use of this. Has the official recognition of the C. S. Department of Agriculture. Price, qt. 25c; 1 gal. $1.00; 25 gals. $10.00.

**Cooper's Cattle Dip.** Texas fever, ticks, etc., can be absolutely eradicated by the use of this. Has the official recognition of the C. S. Department of Agriculture. Price, qt. 25c; 1 gal. $1.00; 25 gals. $10.00.

**Bug Death.** Kills potato, squash and cucumber bugs, tomato, currant and gooseberry worms, and all pests that eat the vines and plants. May be applied in dry water or in Bordeaux Mixture with Paris green, arsenic or strychnine that might burn the foliage. By mail, postpaid, lb. 30c; 3 lb. pkg. 65c; 5 lb. pkg. 90c. Not prepaid, lb. 20c; 3 lb. pkg. 65c; 5 lb. pkg. 90c. Use 12½ to 25 pounds per application to the acre. Write for circulars.

**Kerosene Emulsion.** (For Sucking Insects.) A safe and sure remedy for squash bugs, plant and bark-lice, San Jose scale, earwigs, currant, gooseberry, green-fly, melon and pea louse, and all sucking insects. Ours is a perfect emulsion and will not ruin the foliage. Add 25 to 50 gallons of water to one gallon of emulsion and it is ready to use. Spray before the blossom buds open and again after the blossoms fall. Mix with 800 times its bulk of water. A powerfull yet harmless and economical insecticide. Qt. 50c; 2 qts. 75c; gallon $1.25; 5 gals. $5.00.

**Arsenate of Lead.** (For Leaf-Eating Insects.) A better leaf than Paris green and remains longer in suspension; requires fewer applications; does not burn the leaf, thus allowing stronger solutions. White in color and shows just where it has been applied. This advantage makes it preferable to Paris green for destroying leaf-eating insects. Use 1 to 2 lbs. to 50 gallons of water for general spraying. Because the paste form is harder to handle, requires double the strength, does not keep with lime-sulphur, and is 50 times as water, we handle only the Dry Powdered form, which has proved in every way far superior and more economical. Price, postpaid, lb. 50c; 5 lbs. $1.25; 10 lbs. $2.00.

**Fish Oil Soap.** (Sometimes called Whale Oil Soap.) Effectually destroys the mealy bug and nearly all lace on indoor plants and scale on vines. Recommended for San Jose scale and inchworms. The late Dr. Long has been using good results against the pea louse. By mail, postpaid, lb. 35c; 5 lbs. $1.25; 10 lbs. $2.00.

**Arsenate of Calcium.** (Sometimes called Whale Oil Soap.) Effectually destroys the mealy bug and nearly all lice on indoor plants and scale on vines. Recommended for San Jose scale and inchworms. The late Dr. Long has been using good results against the pea louse. By mail, postpaid, lb. 35c; 5 lbs. $1.25; 10 lbs. $2.00.

**Stimulplant.** A highly concentrated, odorless, non-poisonous for fertilizing for the flower table and flower garden, shrubs and house plants. The analysis is guaranteed 11 per cent nitrogen; 12 percent phosphoric acid; 15 percent potash, an ample amount of each plant food to insure a quick and strong growth of all plants, earlier maturity of garden vegetables, and a generous supply of blooms from flowering plants. 10-tablet pkg. 15c; 25-tablet pkg. 25c; 100-tablet pkg. 75c; 500-tablet pkg. $3.50, postpaid.

**Cooper's Fluid.** For hog lice, mange, ringworm, eczema, etc. Price, qt. $1.00; 1 gal. $1.50; gal. $2.50.

**Formalin.** (Formaldehyde.) For smut in wheat and other grains. Price, pint 50c; 1 quart 90c.

**Para-Dichlorobenzine, or Paracide.** A most effective remedy for killing full-grown rose bugs. Also an effective insecticide for potatoes, cotton, tobacco, garden vegetables, seed fruits, such as apple, pear, etc. To the foliage, sticks well to the leaf and being white shows where the poison has been applied. Do not use it for stone fruits like peach, plum, etc. Not prepaid, lb. $1.75. Cannot be mailed. Write for prices.

**Hall's Free Nicotine Solution.** 40 per cent for general spraying. ½ lb. $1.50; 2 lbs. $4.50; 8 lbs. $15.00.

**Melrosene.** A most effective remedy for killing full-grown rose bugs. Will not discolor flowers. Dilute 1 part to 20 parts of water. The size, 50c; 1 pt. $1.00; 1 qt. $1.75; 2 lb. pkg. $3.25; 1 gal. $6.00.

**Tobacco Dust.** Fine, for dusting or extra fine for fumigating. 1 lb. 15c; 5 lbs. 50c; 25 lbs. $2.00; 100 lbs. $6.00.

**Tree Tanglefoot.** A paste preparation painted around the trunk of a tree to keep caterpillars, etc., from crawling into the tree. 1 lb. 55c; 5 lbs. $2.50; 10 lbs. $4.50.

**Copperas.** Powdered. For mildew. 1 lb. 15c; 5 lbs. 50c; 10 lbs. $1.00; 25 lbs. $2.00; 100 lbs. $6.00.

**Scaleicide.** A spray for scale. Dilute 1 gal. to 15 gals. of water. 1 qt. 60c; 1 gal. $1.50; 5 gals. $6.25; 20 gals. $11.00; 15 gal. drum $14.25.

**Wilson's O. K. Plant Spray.** A powerful yet harmless and economical insecticide. ½ pint 40c; 1 qt. $1.00; 1 gal. $3.00; 5 gals. $10.00.
Enter Corn Growing Contest
$25.00 in Gold Given Free.

Kirkland's Pedigreed Seed Corn
This is a field of Kirkland's Improved Red Cob Prolific Seed Corn. On test plots this corn has led the field over a great many well-known varieties. The grains are long and slender flinty, and has fine keeping qualities. We offer a prize of $25 in gold to the farmer who produces the most bushels per acre during the year 1929. When ordering state that you intend to enter contest. (Contest closes Oct. 1, 1929.) Per peck 90¢; 50 lbs., $3.25; 3 bu. lots or more, $5 bu.