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Perfection Brand Seeds — The Standard of Quality Since 1906

MUSKOGEE SEED HOUSE
Garden, Flower and Field Seeds

MUSKOGEE
OKLAHOMA
Zinnias—the Most Colorful Flower of Them All—Plant Perfection Brand for a Riot of Color

Our Zinnia Seed is grown by Rodger in California, the originator of the Dahlia flowered and other types of Zinnias. No other annual can take the place of Zinnias, with their brilliant flowers of massive size. They have become a general favorite. Zinnias withstand lots of heat, thriving best in a sunny location. For bedding, for borders and for cut flowers, they furnish a wealth of blooms from early summer till late in the fall.

ZINNIA FANTASY—FINEST MIXED—Fantasy is the most fascinating new Zinnia type introduced to the flower world in many years. The informal, shaggy appearing flowers are graceful and interesting. The color range includes the brightest shades of Reds, Yellow and Orange, Pinks and White. Pkt., 10c, postpaid.

FANTASY STAR DUST—The lovely golden yellow in this popular type, has the characteristic informal, shaggy petaloid, medium sized flowers, with stems of good length for cutting. Free blooming. Pkt., 10c, postpaid.

ZINNIA FANTASY WILDFIRE—The plants are neat in habit, strong growing and very free blooming, 2½ to 3 feet in height, a rich dazzling scarlet. Pkt., 10c, postpaid.

WHITE LIGHT—Pure White. Pkt., 10c; ½ oz., 30c, postpaid.

ZINNIA FANTASY ROSALIE—The color is bright intense Rose, equally lovely in the garden or when cut. Pkt., 10c; ¼ oz., 30c, postpaid.

DAHLIA FLOWERED ZINNIAS—MIXED—In formation the broad petals are closely imbricated, sometimes seeming almost to be piled one upon the other. The flowers often measure 4 inches in depth and 6 to 8 inches in diameter. Mixed colors, Pkt., 10c; ¼ oz., 25c; oz., 80c.

GIANT DOUBLE DAHLIA FLOWERED ZINNIAS IN SEPARATE COLORS.

Canary Bird—Rich canary yellow.
Crimson Monarch—Deep crimson.
Dream—Deep rosy lavender.
Eldorado—Salmon apricot.
Luminous—Bright deep pink.
Meteor—Rich, deep red, darkest of all reds.

Any of the above, Pkt., 10c; ¼ oz., 30c, postpaid.

ZINNIAS, California Giants—Mixed colors. Pkt., 10c; ½ oz., 25c oz., 80c.

ZINNIAS, Mexican Giants—Mixed colors. Pkt., 10c; ½ oz., 25c oz., 80c.

ZINNIAS, California Giants—Mixed colors. Pkt., 10c; ½ oz., 25c oz., 80c.

Old Gold—Deep and lighter shades of old gold.
Polar Bear—Large creamy white.
Purple Prince—Deep purple.
Will Rogers—Loveliest and most brilliant scarlet red.

Any of the above, Pkt., 10c; ¼ oz., 30c, postpaid.

ZINNIAS, California Giants—Mixed colors. Pkt., 10c; ½ oz., 25c oz., 80c.

Black Ruby—A new color in Lilliput Zinnias—rich, blackish crimson. Flowers are double, 1 to 1½ inches in diameter. Pkt., 10c; ¼ oz., 25c.

LILLIPUT (Pastel Mixture)—Because of the neat, compact, symmetrical habit of the flowers together with their small size and stem length, they are particularly fine for cutting for bouquets in the house. In the pastel mixture there are very lovely soft shades of apricot, peach, creamy, yellow, shell pink, delicate salmon, light rose and orchid. The plants are 12 to 15 inches in height, neat in habit, compact growing and very free flowering. Produce flowers in about 45 days. Pkt., 10c, postpaid.

CANARY YELLOW—Yellow.
ROSEBUD—Rose Pink.
CRIMSON GLOW—Crimson.
WHITE GEM—Pure White.

GOLDEN GEM—Golden Orange.
Pkt., 10c; ¼ oz., 25c.

CUT-AND-COME-AGAIN ZINNIAS (Elegans Pumila Dwarf Double)—A semi-tall type of Zinnia; has become very popular. Produces an abundance of medium-sized, well rounded blooms on stems long enough for cutting. The compact bushes keep in bloom from mid-summer until frost, making an attractive display in beds or borders and yielding an abundance of long-lasting cut-flowers for house decorations. In an average soil the plants grow 15 inches tall. Mixed. Pkt., 10c; ½ oz., 35c; oz., 60c.

Separate Colors—Canary Yellow, Bright Scarlet and White. Pkt., 10c; ¼ oz., 25c.

ZINNIA—Tom Thumb Mixture—Tom Thumb is without exception the dwarfest Zinnia known. The plants are rounded and compact, 4 to 6 inches high, literally covered with well formed flowers of the Lilliput type. The color ranges include Red, Orange, Yellow, Pink, Rose and other pastel shades. During the hot dry summer months this is the ideal border plant, and is also adapted for window box and pot work. Pkt., 25c.


LINEARIS—The most unusual and interesting of the new Zinnias is the little dwarf variety, Linearis. The flowers, which are single, are a lovely shade of golden orange, with a delicate lemon yellow stripe through each petal, while the center is a dark brown in the young flowers, turning golden orange. Pkt., 25c, postpaid.

ZINNIAS—Mexican Hybrids, Double Mixed—The small flowered Mexican Zinnias have a charm all their own. The smaller flowers lend themselves to bedding and make a brilliant display. Pkt., 25c.

ZINNIAS—Sanvitalea Creeping—Masses of small Zinnia like, double blooms of deep golden yellow on spreading plants 6 inches tall. Bloom all summer and fall. Fine for edging and rockeries. Pkt., 10c; ¼ oz., 25c.

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ZINNIA, CROWN OF GOLD—DESSERT GOLD—Desert Gold is a variety of dual tone beauty comprising the light and deeper hues of gold, each petal overlaid at the base with deeper golden yellow. The plants are from two and a half to three feet in height, bearing a generous quantity of large, well formed flowers which are equally effective in daylight or under artificial lights. Those who appreciate the finest in Zinnias will welcome Desert Gold. Pkt., 10c, postpaid.

ZINNIA EARLY WONDER—MIXED—The plants are from 12 to 15 inches high with a profusion of medium-sized flowers and very little foliage. They are very early flowering and require but little space. Colors include many new colors of Orange, Reds, Lavender and Pinks. Pkt., 15c.

NEW SCABIOUS FLOWERED ZINNIA—This illustration, reproduced in natural color from the actual flowers, tells the story of this marvelous new Zinnia. Blooms average from 4 to 5 inches in diameter. Charmingly bright and fresh colors. A novelty Zinnia of exceptional merit. Pkt., 25c; 5 pkts., $1.00, postpaid.

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Vegetable Gardening for the Duration

The world is hungering and battling for Peace and Freedom, but those blessings can neither be attained or enjoyed without the driving power of human health and vigor, and that means that there must be FOOD and plenty of it. The increased farm production goal set by the Department of Agriculture has a three-fold purpose—to develop better food habits and assure better nutrition for our people; as a nation, we have not been feeding ourselves adequately and intelligently—to provide vast quantities of vital foodstuffs for the nations that are fighting the common enemy and to meet relief and emergency requirements and build up a reserve against future needs. This program concerns every one of us, from the largest market gardener to the owners of the smallest homes.

Gardening is an enjoyable recreation and an excellent builder-up of both physical health and morale. It’s fun—and it PAYS. Don’t sacrifice your lawns and flower beds; the time for that is not here yet and may never be, and the need for beautiful flowers and color, in our lives, is needed today more than ever.

A reading of the following will prove an aid to you and to us:

OUR PRICES—Including bags, boxes, and free cartage to the depot.

The prices quoted in this catalog include free delivery on packets, ounces, quarter pounds, pounds (except where otherwise stated). “By freight or express” means that transportation charges are paid by the customer.

EARLY ORDERS—Our rush season comes in the months of March and April. Orders sent at once secure prompt shipment from our full stock.

HOW TO ORDER—Write your name, postoffice, State, and express office plainly with black ink on every order and every time you write us. Give plain express, mail, or freight directions. Where none are given, we route at buyer’s risk.

MARKET GARDENERS and others who buy vegetable seed in bulk to the amount of $10.00 or more are requested to send their list of seeds wanted to us and let us make special quotations.

PLANT ORDERS—Orders for plants will be filled as early in the spring as we consider it safe to send them. If ordered for immediate shipment in severe weather, they will be sent at purchaser’s risk.

USE ORDER SHEETS—The use of order sheets enclosed in this catalog is a great help to us in facilitating filling and shipment of orders. More will be sent on receipt of postal asking for same.

ABOUT WARRANTING SEEDS—It is impractical to guarantee seeds, as the best seeds will fail under improper treatment. Some may be sown in too dry ground or too wet, too deep, or too shallow. Some hardy seeds will stand cold weather and will grow where the soil is too cold for others and would destroy them. Insects may attack and destroy them. For these reasons we do not give warranty in any respect, and will not be responsible for the crop.

THE PLANTER’S GUIDE

NUMBER OF PLANTS REQUIRED TO THE ACRE

<table>
<thead>
<tr>
<th>Distance Apart</th>
<th>No. of Plants</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 foot by 1 foot</td>
<td>45,500</td>
</tr>
<tr>
<td>1½ feet by 1½ feet</td>
<td>9,380</td>
</tr>
<tr>
<td>2 feet by 1 foot</td>
<td>21,780</td>
</tr>
<tr>
<td>2 feet by 2 feet</td>
<td>10,280</td>
</tr>
<tr>
<td>2½ feet by 2½ feet</td>
<td>6,060</td>
</tr>
<tr>
<td>3 feet by 2 feet</td>
<td>7,480</td>
</tr>
<tr>
<td>3 feet by 3 feet</td>
<td>5,550</td>
</tr>
<tr>
<td>4 feet by 4 feet</td>
<td>2,722</td>
</tr>
<tr>
<td>5 feet by 4 feet</td>
<td>2,178</td>
</tr>
<tr>
<td>5 feet by 5 feet</td>
<td>1,742</td>
</tr>
<tr>
<td>6 feet by 6 feet</td>
<td>1,210</td>
</tr>
<tr>
<td>8 feet by 8 feet</td>
<td>650</td>
</tr>
</tbody>
</table>

AVERAGE TIME REQUIRED FOR GARDEN SEED TO GERMINATE

<table>
<thead>
<tr>
<th>Crop</th>
<th>Time Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beans</td>
<td>5 to 10 days</td>
</tr>
<tr>
<td>Beet</td>
<td>7 to 10 days</td>
</tr>
<tr>
<td>Cabbage</td>
<td>5 to 8 days</td>
</tr>
<tr>
<td>Carrot</td>
<td>12 to 18 days</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>5 to 10 days</td>
</tr>
<tr>
<td>Corn</td>
<td>5 to 8 days</td>
</tr>
<tr>
<td>Cucumber</td>
<td>6 to 10 days</td>
</tr>
<tr>
<td>Endive</td>
<td>5 to 8 days</td>
</tr>
<tr>
<td>Lettuce</td>
<td>6 to 8 days</td>
</tr>
<tr>
<td>Onion</td>
<td>7 to 10 days</td>
</tr>
<tr>
<td>Peas</td>
<td>6 to 10 days</td>
</tr>
<tr>
<td>Parsnip</td>
<td>10 to 20 days</td>
</tr>
<tr>
<td>Parsley</td>
<td>15 to 21 days</td>
</tr>
<tr>
<td>Pepper</td>
<td>8 to 14 days</td>
</tr>
<tr>
<td>Radish</td>
<td>3 to 6 days</td>
</tr>
<tr>
<td>Spinach</td>
<td>7 to 12 days</td>
</tr>
<tr>
<td>Salsify</td>
<td>7 to 12 days</td>
</tr>
<tr>
<td>Tomato</td>
<td>6 to 12 days</td>
</tr>
<tr>
<td>Turnip</td>
<td>4 to 8 days</td>
</tr>
</tbody>
</table>

NUMBER OF PLANTS PRODUCED FROM AN OUNCE OF SEED

<table>
<thead>
<tr>
<th>Crop</th>
<th>Number of Plants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asparagus</td>
<td>About 300</td>
</tr>
<tr>
<td>Cabbage</td>
<td>About 2,000</td>
</tr>
<tr>
<td>Celeri</td>
<td>About 5,000</td>
</tr>
<tr>
<td>Celery</td>
<td>About 1,000</td>
</tr>
<tr>
<td>Endive</td>
<td>About 3,000</td>
</tr>
<tr>
<td>Kale</td>
<td>About 2,000</td>
</tr>
<tr>
<td>Lettuce</td>
<td>About 5,000</td>
</tr>
<tr>
<td>Pepper</td>
<td>About 2,000</td>
</tr>
<tr>
<td>Tomato</td>
<td>About 5,000</td>
</tr>
</tbody>
</table>

TIME REQUIRED FOR MATURITY OF DIFFERENT GARDEN CROPS RECKONED FROM DAY OF PLANTING THE SEED

<table>
<thead>
<tr>
<th>Crop</th>
<th>Days Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beans—String</td>
<td>45 to 65 days</td>
</tr>
<tr>
<td>Beans—Shell</td>
<td>65 to 75 days</td>
</tr>
<tr>
<td>Beans—Table</td>
<td>65 days</td>
</tr>
<tr>
<td>Beans—Stock</td>
<td>65 days</td>
</tr>
<tr>
<td>Cabbage—Early</td>
<td>105 days</td>
</tr>
<tr>
<td>Cabbage—Late</td>
<td>150 days</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>110 days</td>
</tr>
<tr>
<td>Corn</td>
<td>70 to 120 days</td>
</tr>
<tr>
<td>Egg Plant</td>
<td>150 to 160 days</td>
</tr>
<tr>
<td>Lettuce—Heading</td>
<td>65 days</td>
</tr>
<tr>
<td>Melon—Water</td>
<td>120 to 140 days</td>
</tr>
<tr>
<td>Melon—Muscle</td>
<td>120 to 140 days</td>
</tr>
<tr>
<td>Onion</td>
<td>135 to 150 days</td>
</tr>
<tr>
<td>Pepper</td>
<td>140 to 150 days</td>
</tr>
<tr>
<td>Radish</td>
<td>30 to 40 days</td>
</tr>
<tr>
<td>Squash—Summer</td>
<td>60 to 65 days</td>
</tr>
<tr>
<td>Squash—Winter</td>
<td>125 days</td>
</tr>
<tr>
<td>Tomato</td>
<td>125 to 130 days</td>
</tr>
<tr>
<td>Turnip</td>
<td>60 to 70 days</td>
</tr>
<tr>
<td>Spinach, Av. Time</td>
<td>45 to 65 days</td>
</tr>
</tbody>
</table>

QUANTITY OF SEED TO SOW A SINGLE ROW OF 100 YARDS

<table>
<thead>
<tr>
<th>Crop</th>
<th>Ounces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asparagus</td>
<td>8 ozs.</td>
</tr>
<tr>
<td>Beans, Bush</td>
<td>6 lbs.</td>
</tr>
<tr>
<td>Beans, Lima</td>
<td>3 lbs.</td>
</tr>
<tr>
<td>Tomatoes, Pole</td>
<td>3 lbs.</td>
</tr>
<tr>
<td>Beet</td>
<td>3 lbs.</td>
</tr>
<tr>
<td>Broccoli</td>
<td>3 ozs.</td>
</tr>
<tr>
<td>Brussels Sprouts</td>
<td>3 ozs.</td>
</tr>
<tr>
<td>Cabbage</td>
<td>2 ozs.</td>
</tr>
<tr>
<td>Carrots</td>
<td>3 ozs.</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>3 ozs.</td>
</tr>
<tr>
<td>Celery</td>
<td>3 ozs.</td>
</tr>
<tr>
<td>Corn</td>
<td>1 lb.</td>
</tr>
<tr>
<td>Cress</td>
<td>4 ozs.</td>
</tr>
<tr>
<td>Cucumber</td>
<td>4 ozs.</td>
</tr>
<tr>
<td>Endive</td>
<td>3 ozs.</td>
</tr>
<tr>
<td>Radish</td>
<td>5 ozs.</td>
</tr>
<tr>
<td>Onions (for large bulbs)</td>
<td>2 ozs.</td>
</tr>
<tr>
<td>Parsley</td>
<td>2 ozs.</td>
</tr>
<tr>
<td>Parsnip</td>
<td>2 ozs.</td>
</tr>
<tr>
<td>Peas</td>
<td>6 lbs.</td>
</tr>
<tr>
<td>Pepper</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Pumpkin</td>
<td>2 ozs.</td>
</tr>
<tr>
<td>Radish</td>
<td>6 ozs.</td>
</tr>
<tr>
<td>Rhubarb</td>
<td>3 ozs.</td>
</tr>
<tr>
<td>Salsify</td>
<td>3 ozs.</td>
</tr>
<tr>
<td>Spinach</td>
<td>6 ozs.</td>
</tr>
<tr>
<td>Turnip</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Kohl Rabi</td>
<td>3 ozs.</td>
</tr>
</tbody>
</table>
**Perfection Brand Tested Garden Seed**

Every lot of Perfection Brand Seed is thoroughly tested for active, abundant, and vigorous life, so that only the most vital product is shipped. The exacting nature of these tests have won the confidence of thousands of Southwestern gardeners who plant Perfection Brand Seeds, and gladly recommend them to their neighbors and friends.

**Asparagus**

WASHINGTON—Rust-Resistant Asparagus. Practically free from rust and other diseases. Stalks are large and thick; dark green with a heavy overcast of rich purple. Has a long, tight, pointed bud and does not branch out until well beyond the market height. Unsurpassed in size, yield, appearance and flavor. Seed pkt., 10c; oz., 50c; 1/4 lb., 1.25c.

**Asparagus Roots**

For those who desire to raise asparagus, one of the earliest of the spring vegetables, we suggest the purchase of asparagus roots. These are ready during March, but to be sure of getting them you should reserve your stock now by sending us your order. Our strong two-year-old roots will give the best results in the shortest time possible.

ROOTS—2-year-old, per dozen, 35c, postpaid; by freight or express, $1.65 per 100.

**Garden Beans**

SELECTED NORTHERN GROWN

Given moisture, this crop can be planted in the South in succession until the middle of August. A good, sandy loam is the best soil for beans, but they will grow well in any soil of average richness.

The bush varieties should be planted 1 1/2 inches deep in drills 18 inches or 2 feet apart, 2 inches apart in the drill. When the plants are well up, thin gradually to six to eight inches apart from each other, leaving the strongest plants as much as possible. The pole variety should be planted two or three beans in a hill, two feet apart each way. Give them clean cultivation, mellowing the soil about them, but not going too deep, mounding broad and flat about the time they are to bear. Do not hoe them when wet from dew or rain, as this induces rust of leaves or pods.

A pound will plant 100 feet of drill; 2 bushels, or 120 lbs. to the acre in drills. For a larger yield of Beans, use Nitragin. See page 28.

GIANT STRINGLESS GREEN POD—This is a great improvement on the old-time popular favorite Valentine Bean. The pods are fully one-third longer, averaging 5 and 6 inches in length; absolutely stringless, very crisp, round and very brittle when young. Ready for picking in 45 days. Lb., 35c, postpaid. By express, lb., 25c; 10 lbs., $2.00.

BURPEE'S STRINGLESS GREEN POD—Splendid for market and home garden. It is stringless in reality as well as name. It is an abundant cropper and the pods are thick, round, fleshy and nearly straight. Ready for picking in 45 days. Lb., 35c, postpaid. By freight or express, lb., 25c; 10 lbs., $2.00.

STRINGLESS RED VALENTINE—Pkt., 10c; lb., 35c, postpaid. By freight or express, lb., 25c; 10 lbs., $2.00.

TENDERGREEN STRINGLESS GREEN POD—Exceptionally tender, entirely stringless, meaty pods that snap like icicles. The pods are 6 inches long, perfectly round. Makes in 54 days. Pkt., 10c; lb., 35c, postpaid. By express, lb., 25c; 10 lbs., $2.00.

WHITE NAVY BEANS—Pkt., 10c; lb., 25c, postpaid. By freight or express, lb., 20c; 10 lbs., $1.50.

**Edible Soy Bean Bansei**—The beans are delicious when eaten green or dry, and are superior to navy beans for baking. The oil value is very high because of the fat and protein content, and they are also an excellent source of Vitamins A, B and G. Bansei matures in about 55 days, highly drought resistant, and very productive. Seed is bright green when young and yellow when mature. Plants grow about 24 inches high and require no support. Cook and serve similar to Lima beans. Pkt., 10c; 1 lb., 35c, postpaid.

**Pole or Running Beans**

A word about Pole Beans. Many growers hesitate to plant pole beans because of the scarcity of poles. This objection is easily overcome and the greater profit in growing the pole varieties should be sufficient reason for going to a little extra care. Plaster laths will answer the purpose and cost very little.

KENTUCKY WONDER WAX—This remarkable vigorous-growing, wax-podded pole bean is very similar to the green-podded Kentucky Wonder, but the very long pods are a little broader, very fleshy, and quite stringless as snaps. Pkt., 10c; lb., 35c, postpaid. By freight or express, lb., 25c; 10 lbs., $2.25.

IDEAL MARKET POLE BEAN—Ideal Market is the earliest pole bean we are acquainted with being ready for the market with the dwarf varieties, and is one of the most productive. The long, nearly stringless, pulpy green pods are borne in immense clusters and are of delicious quality. Pkt., 10c; lb., 35c, postpaid. By freight or express, lb., 25c; 10 lbs., $2.25.

CUT SHORT OR CORNFIELD—Green beans resembling those of the Bush Valentine dry beans, reo-spinked. Pkt., 10c; lb., 35c, postpaid. By freight or express, 25c per lb.

DUTCH CASEKNIFE—One of the earliest of the pole varieties; white seeds; used for snaps; good green or dry; a good winter sort, productive, and a good bean for planting among corn. Pkt., 10c; lb., 35c, postpaid. By freight or express, 25c per lb.

OCTOBER or HORTICULTURAL—A popular and productive variety for use as snaps or as shell beans. It is especially adapted for mountainous districts or where the season is short. Per lb., 35c, postpaid. By freight or express, 25c per lb.

KENTUCKY WONDER GREENPOD—Brittle, stringless, meaty, delicious flavor. The plants are vigorous climbers; pods are borne profusely in clusters; they average from 7 to 8 inches long; are of attractive green color, round and very brittle when young. Pkt., 10c; lb., 35c, postpaid. By freight or express, 25c per lb.; 10 lbs., $2.00.

WHITE CREESEBACK—Large, long pods, growing in clusters of from 6 to 12, of a silvery green, of the best quality of snaps. A good cornhill bean. Pkt., 10c; lb., 30c, postpaid.

MISSOURI WONDER—A late variety with 5-inch flat cornhill pod. Mesy, stringy, good quality. Long bearing cornhill bean. Pkt., 10c; lb., 35c, postpaid.

WHITE SEEDED KENTUCKY WONDER—A broad-podded type of Kentucky Wonder, resistant to certain forms of rust. Pods are 8 inches in length, round, stringless, fleshy, light green. Seed slightly larger than brown seeded Kentucky Wonder. Pkt., 10c; lb., 35c, postpaid.
**Garden Beans**

**ROUND POD KIDNEY WAX**—Especially fine for home gardens and canning. Plants of medium size, prolific. Pods 31/2 to 6 inches long; round, brittle, stringless, and of fine quality. Pkt., 10c; lb., 35c, postpaid.

**PENCIL POD BLACK WAX**—Rich yellow pods from 5 to 6 inches long; entirely stringless, very meaty and tender. Pkt., 10c; lb., 35c, postpaid. By freight or express, lb., 25c; 10 lbs., $2.00.

**IMPROVED GOLDEN WAX**—Very valuable rust-proof strain of the Golden Wax which stands drought remarkably well. Pkt., 10c; lb., 35c, postpaid. By express or freight, lb., 25c; 10 lbs., $2.00.

**Brussels Sprouts**

Brussels Sprouts are a very delicate vegetable, and deserve a more general cultivation than they receive. The plant belongs to the cabbage family and should be grown and cultivated like miniature cabbages. Very hardy; improved by frost. An ounce will produce 2,000 plants.

**DWARF IMPROVED**—Bearing a small crop of small, solid, and tender heads. Pkt., 10c; oz., 35c, postpaid.

**Pole Lima Beans**

**CAROLINA or SHEVA POLE**—(Small White Beans)—Vigorous variety; very early and productive. Pods are short, flat and curved; beans white, small and kidney-shaped. Pkt., 10c; lb., 35c, postpaid. By freight or express, lb., 25c.

**KING OF THE GARDEN**—(Large White Lima)—An improved strain of the large white, more prolific character and with larger pods and beans. Pkt., 10c; lb., 35c, postpaid. By freight or express, 35c per lb.

**SPECKLED POLE LIMA**—The most profuse of the Pole Limas. Seeds are about the size of the Siueva, but are speckled white and brownish red. Pkt., 10c; lb., 35c, postpaid. By freight or express, lb., 25c; 10 lbs., $2.00.

If you want one peck (15 lbs.) or more, write for prices.

**GIANT SPECKLED POLE**—Vine grows 7 to 9 feet tall, pods 5 to 51/2 inches, 3 beans per pod, slightly curved, large-flat. Produces large seed of beautifully contrasted colors. Very prolific. Lb., 40c, postpaid.

**Dwarf Lima Beans**

Plant when ground is dry and weather is warm in row 2 feet apart, dropping the beans 6 inches apart in the row, eye down, covering with 1 inch of soil. One pound will plant 100 hills.

**BABY FORDHOOK**—Plant small, but branch and vigorous; foliage of Henderson’s bush type; pods also resemble Henderson’s, but smaller and thicker, very numerous, slightly curved, tightly filled, 3 to 4 small plump seeds of high quality, deep green early, lightening in color later. A good canning variety. Pkt., 10c; lb., 40c, postpaid.

**ILLINOIS LARGE PODDED**—This is a large, viney bush lima. The vines are very vigorous, and pods set freely even in hot weather. The pods are larger, most than 31/2 inches in length and thickness. Pods are attractive when picked. The beans are large and flat. Vine growth is upright and the beans are held well off the ground. Matures about the same time as the Henderson Bush Lima but the beans are somewhat larger, running 800 to 900 lbs. per acre. Tubers round to 1.5 to 2.5 of Henderson. Pkt., 10c; lb., 35c, postpaid.

**BURPEE’S BUSH LIMA**—The stout, erect bushes grow from 18 to 20 inches high and 2 to 3 feet in diameter. They are laden with large, luscious beans. Pkt., 10c; lb., 35c, postpaid. By freight or express, lb., 25c.

**HENDERSON’S BUSH LIMA**—This is the earliest variety, being fully two weeks ahead of any other sort in maturing. The beans are small and very fine for canning. Pkt., 10c; lb., 35c. By express or freight, lb., 25c; 10 lbs., $2.00.

**JACKSON WONDER BUSH LIMAS**—It is of true bush form, about 2 feet tall, bearing greatest profusion of broad, flat pods, with a much better beet for every purpose. It is fine-grained, very tender, and of good, sweet flavor. The color of the flesh is a rich red, unmarred with crimson. Pkt., 5c; oz., 25c; 1/4 lb., 50c; lb., $1.00, postpaid.

**Swiss Chard or Spinach**

Swiss chard is the best “greens” follow-up for spinach, and stands up well to the hot weather without losing its crispness. This delicious and useful vegetable should be in every garden and on every market stall. It is really two distinct vegetables. First the leafy part of the foliage is cooked and served as spinach, while the stalks are cooked and served with drawn butter, like tender asparagus. It grows about 31/2 feet high. The stalks are thick and broad like rhubarb; the leaves are large and heavily crumpled, like Savoy Spinach. Crisp and tender, pleasant flavor. Pkt., 10c; oz., 25c; 1/4 lb., 50c; lb., $1.00, postpaid.

**Perfection Brand Delicious Beets**

Beets grow in moderately light, sandy soil. For very early crops, sow in hot-beds and transplant the seedlings as soon as the weather is warm enough into open ground; for regular crop, plant outside as soon as the ground is in good condition; plant in drills 12 to 15 inches apart and cover about 1 inch deep. When the seedings are 4 to 5 inches high, thin them out to stand 4 to 5 inches apart in the row. An ounce of seed will sow 50 feet of drill; 5 to 6 pounds to the acre.

**GREEN TOP BUNCHED**—A 1940 introduction. Early, extremely attractive bunching beet. Tops medium size and erect. Foliage clean, grayish-green that does not turn red. Roots long, thick and broad like rhubarb; eye down, covering with 1 inch of soil. One pound will plant 1000 plants.

**EARLY WONDER**—A very early dark beet resembling Crosby’s Egyptian. Its earliness and deep color make it a favorite with the market gardeners. The taproots are small and the roots are of a desirable shape for bunching. Pkt., 10c; oz., 25c; 1/4 lb., 50c; lb., 1.00, postpaid.

**DETROIT DARK RED**—Very popular sort used extensively by market gardeners as well as private planters. It matures early, and the roots are of splendid shape and good color. The tops are small and upright-growing, which makes possible close planting. The roots are globular and smooth, the skin is dark blood red, the flesh red with lighter zones. The beets are very tender, firm and crisp, and remain so for a long time. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., $1.85, postpaid. By freight or express, $1.75 per lb.

**Swiss Chard or Spinach**

**Crosby’s Egyptian**—The market gardener’s favorite. Fine, globe-shaped roots. Pkt., 10c; oz., 25c; 1/4 lb., 50c; lb., $1.00, postpaid.

**EARLY BLOOD TURNE**—Coming in at the same time as the small flat Egyptian, it is much larger and almost gets the same size in the same length of time. It makes a much better beet for every purpose. It is fine-grained, very tender, and of good, sweet flavor. The color of the flesh is a rich red, unmarred with crimson. Pkt., 5c; oz., 25c; 1/4 lb., 50c; lb., $1.00, postpaid.
Perfection Brand Delicious Cabbage

Soil for Cabbage should be a rich heavy loam, with good drainage. Such a soil when supplied with complete fertilizers will produce excellent crops.

Cauliflower

It requires a cool, moist season for its best growth, a constant supply of soil-moisture, and rich, loamy land, well fertilized. Cultivation is the same as cabbages. One ounce will produce from 800 to 1,000 plants.

EARLY SNOWBALL—Under favorable conditions every plant produces a magnificent white head of fine quality. Pkt., 25c.

Celery

Seed should be sown in February in hot-beds or in flat boxes filled with clean, mellow loam, with about one-eighth inch of fine soil or sand, pressing it down firmly. Keep the soil moist constantly. When plants are fairly out of the seed leaf, transplant into another box or bed, or thin out to 2 or 3 inches apart. Plant into the open ground by the last of May or the beginning of June. One ounce will sow 300 feet of drill.

GOLDEN SELF-BLANCHING—The plants are compact, semi-dwarf habit and form numerous stalks. They are heavily ribbed, of golden yellow color, very crisp and tender. Pkt., 10c; oz., 40c; lb., $1.25, postpaid.

Perfection Brand Improved Carrots

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

DANVERS HALF LONG—An excellent market variety of medium size. The roots are of a rich orange-red color, smooth, and very handsome. Produces a very large crop. Pkt., 10c; oz., 40c; lb., $1.25, postpaid.

IMPERATOR—74 days. A recent introduction for market garden use and long distance shipping. Tops medium length, strong. Roots 7 to 9 inches, sloping shoulders tapering to semi-blunt tip. Exterior smooth, color rich orange. Interior deep orange which extends to core. Good quality. Pkt., 10c; oz., 40c; lb., $1.25, postpaid.

Shallow and frequent sprinkling causes plant roots to seek moisture near the surface—a very bad condition. Deep irrigation is to be preferred.

Extra Early Varieties

TRUE EARLY JERSEY WAKEFIELD—Small, cone-shaped head; matures in from 90 to 100 days after planting. Pkt., 10c; oz., 25c; lb., 75c, postpaid.

CHARLESTON WAKEFIELD—Selection from Early Jersey Wakefield, only it is about one week earlier than that popular variety, and grows larger heads. Very solid and of fine quality. Pkt., 10c; oz., 25c; lb., 75c, postpaid.

COPENHAGEN MARKET—The earliest large round-headed cabbage. Very popular with market gardeners. An extra early summer cabbage, matures fully as early as the Early Jersey Wakefield, but produces larger heads, often averaging 10 pounds or more. The heads are ball-shaped, mild and firm, with small core, and of splendid quality. Leaves are of light green color, tightly folded together, forming a very compact head. Pkt., 10c; oz., 40c; lb., $1.25.

GOLDEN ACRE—Very early, of the Copenhagen type, flat head, but about eight days earlier than the Copenhagen. This extra earliness assures higher prices for the market gardener—and more tender, more crisp, and better flavored cabbage for the table. Pkt., 10c; oz., 40c; lb., $1.25, postpaid.

Second Early Varieties

EARLY FLAT DUTCH—A selected strain; forming large flat heads, weighing at times 10 to 12 pounds. Pkt., 10c; oz., 25c; lb., 75c, postpaid.

ALL SEASONS—One of the best of its class. The heads are fine, solid and of good flavor. Pkt., 5c; oz., 15c; lb., 40c, postpaid.

Late Varieties

PREMIUM LATE FLAT DUTCH—Of good flavor and very tender; among the earliest of the winter cabbages. Pkt., 10c; oz., 25c; lb., 75c.

SUREHEAD—Strain of flat Dutch, remarkable for its heading qualities; keeps well and is good for shipping. The heads are of uniform size, firm and of good color. Pkt., 10c; oz., 40c; lb., 75c, postpaid.

MAMMOTH RED ROCK—The best red cabbages for pickling or table use. Pkt., 10c; oz., 40c, postpaid.

PE-TSAI CHINESE OR "CELERY" CABBAGE—Pe-Tsaï produces beautiful, crisp, celery-like heads that Blanch easily and resemble a giant Cos lettuce. Sow seed in any good soil the first of August, making rows 24 to 36 inches apart and thinning to 15 inches apart in the row. Pkt., 5c; oz., 15c; lb., 40c, postpaid.

Carrot—Danvers Half Long

Watch cookery columns for new ways to prepare vegetables. A new one is boiling globe rooted radishes. They taste like a mild flavored turnip.
Collards
GEORGIA—An old stand-by in the South. For winter greens it has no equal; not in the best condition until touched by frost. Sow in July or August, transplant in rows, setting them 2 feet apart. Pkt., 5c; oz., 10c; ½ lb., 25c, postpaid.

Perfection Brand Egg Plant
Seed should be started in February, in boxes in the house. Always keep the ground warm and moist, and protect the young plants. Transplant into a rich, loomy soil when all danger of frost is past. One ounce will produce about 1,000 plants.

BLACK BEAUTY—Deep purplish black, smooth. When prepared for the table, it has a distinct and pleasant flavor. Plant grows 23 to 30 inches tall, erect, compact, leaves large, usually bears 4 to 6 fruit. Holds its color a long time after being picked. Pkt., 10c; oz., 30c, postpaid.

Florida High Bush—Popular variety for shipping. Plants of strong, upright growth, producing fruit well above the ground. Dark purple. Resistant to drouth and blight. 85 to 90 days. Pkt., 10c; oz., 25c, postpaid.

DEEP HEART FRINGED—The well filled, slightly tapering and very uniform, well filled hearts are closely packed with an abundance of juicy kernels, and remain tender and fit for eating longer than any other sort. Pkt., 10c; lb., 30c, postpaid.

DEEP HEART—The well filled, slightly tapering and very uniform, well filled hearts are closely packed with an abundance of juicy kernels, and remain tender and fit for eating longer than any other sort. Pkt., 10c; lb., 30c, postpaid.

Perfection Brand Endive
ENDIVE FOR GREENS AND SALADS—Culture: For late spring and summer use, sow the seed in open ground during February or March. For fall use sow in July or August. Requires about 60 days to make a crop. This is a fine salad crop for your garden, and the greens are the best, and only the home garden, where they may be harvested as needed, can provide them.

DEEP HEART FRINGED—The well filled hearts are closely packed with an abundance of fine leaves blanched to clear creamy yellow. Well-grown plants have a diameter of 10 to 12 inches and a depth of 7 to 8 inches. Pkt., 10c.

Quick-growing, young vegetables are the best, and only the home garden, where they may be harvested as needed, can provide them.

Cress
Sow curled or pepper grass thickly in shallow drills every two weeks. It should be cut often, and will continue to grow. Useful for salad and garnishing.

EXTRA CURLED or PEPPER GRASS—Quick-growing and crisp, pungent flavor. Does well in dry soil. Pkt., 3c; oz., 25c.

Dill
Every year there is such a demand for dill that the supply is short of the demand. Plant in any quantity, from ten feet square to fifty feet square, but no more. Make several plantings to have it for market almost constantly and so what you can of the green dill and dry the balance. First planting may be made about May 1st. Packet will plant three feet square; an ounce will plant 10 by 15 feet. Pkt., 10c; oz., 25c.

Kale—Early Curled Siberian
Horseradish
Grown for its roots, which have a pungent mustard-like flavor. Small pieces of roots, 4 to 5 inches long, are planted for propagation. Plant in rich ground—the richer the better. 25c per dozen; $2.50 per hundred.

Kale or Borecole
Loose, curly leaved type of the cabbage family, particularly noted for its hardness. Makes excellent tender greens for winter use. In the South the hardy variety remains in the open ground all winter. Cultivates the same as cabbage. One ounce of seed is sufficient for 200 feet of drill.

EARLY CURLED SIBERIAN—The plant is dwarf, spreading, and very hardy, standing the winter without protection. The leaves are green, slightly tinted with purple, and of superior quality. Pkt., 5c; oz., 15c; ½ lb., 40c; lb., $1.25, postpaid.

Kohl Rabi
Grown for its thick, bulb-shaped stalks, which, while young, are prepared in the same manner as turnips, and which furnish a most desirable vegetable. Sow the seed in the spring in drills half an inch deep, and two feet apart and when plants are a few inches high thin to 15 inches. Cultivated under glass or in the open from July or August. One packet will sow about 30 feet in drill.

EARLY PURPLE VIENNA—Pkt., 10c; oz., 25c, postpaid.

Perfection Brand Sweet Corn
Corn, like anything else well worth having, takes a little care to produce. A few rows of sweet corn, as well as some of the ever popular sugar corn is a good investment. Plant in any quantity, from ten feet square to fifty feet square, and be able to thrive in a variety of climates. A rich, warm soil is the best, but excellent Sweet Corn can be raised on any good, ordinary soil. Corn will supply the average home with plenty of fine roasting ears and enough over for canning and planting Sweet Corn every ten days or two weeks and you will have a continuous supply of table corn in the right stage to enjoy the eating of it. A rich, warm soil is the best, but excellent Sweet Corn can be grown on any good, ordinary soil if it is deeply and thoroughly worked before planting. One pound of seed will plant about 100 hills.

Our Sweet Corn is grown in Ohio by the most reliable grower and breeder of high grade Sweet Corn in the United States.

EARLGOLD (Hybrid Sweet Corn)—To become popular, a hybrid sweet corn must be early, have good sized ears of good quality, and be able to thrive in a variety of climates, which often proves the downfall of new hybrids. In Earlgold we have just such a hybrid that seems to do well in almost any section of the country. Yields are also important, and Earlgold yields better and has better ears than other hybrids we have seen in its same maturity group. The ears are 6½ to 7 inches long, slightly tapering and very uniform, well filled with 12 to 16 rows of kernels. Plants are sturdy, 5 to 5½ feet tall, with few suckers. Some of the best sweet corn ever raised in any country. Pkt., 10c; lb., 50c, postpaid. Write for quantity prices.

EARLY PURPLE VIENNA—Pkt., 10c; oz., 25c, postpaid.

TRUCKERS’ FAVORITE—For a second early corn to follow Adams Early, or for late planting to mature early, this is a good sort. In addition to being a fine corn, it makes an excellent field corn to plant late. Pkt., 10c; lb., 30c, postpaid.

GOLDEN EVERGREEN—A cross between the well known Golden Bantam and Stowell’s Evergreen. A corn that has the color and deliciously sweet flavor of the Bantam and the evergreen habit and tenderness of the Stowells. The ears are larger than the Bantam, with Evergreen type of ear, with 14 to 15 rows of deep, sugary, rich yellow grains. Pkt., 10c; lb., 30c, postpaid.

COUNTRY GENTLEMAN—The most delicious of the late sorts. The medium-sized ears are covered with irregularly arranged, deep, sweet kernels. Very prolific, and well liked in some localities, where it is sold on the market as the “Shoe Peg.” Pkt., 10c; lb., 30c, postpaid.

GOLDEN CROSS BANTAM HYBRID—Ears 8 to 9 inches long, 10 to 14 rows of light golden kernels. 54 days. Has the quality of Golden Bantam but is larger in both plants and ears. It is resistant to bacterial blight and slightly productive. Pkt., 10c; lb., 45c, postpaid.

For quantity prices on Sweet Corn.

Perfection Brand Seeds—Since 1906
—Since 1906
**Perfection Brand Cucumbers**

Plant as soon as the weather has become settled and warm, in hills 4 feet each way. Cucumbers succeed best in warm, moist, rich, loamy soil. Plant the seeds about half inch deep. When all danger of insect attack is over, thin to about three or four of the strongest plants to the hill. Do not allow any fruit to ripen on the vines, as this will cause them to stop bearing.

**EARLY FORTUNE**—One of the best cucumbers on the market. Fruit is slightly tapering and about nine inches long. The firm, crisp, thick flesh is very white and has very few seeds. Early Fortune has a rich, dark green color which does not fade when shipped to distant markets. The vines are vigorous, very productive and slight resist. Pkt., $1.50; oz., 30c; lb., $0.75, postpaid.

**LONGFELLOW**—Particularly valuable for shipping. Fruits handsome; extremely dark green over entire surface; retains color remarkably long after picking; white spine; 12 to 14 inches long, 21/2 to 21/2 inches thick. Straight, well filled at ends. Very few seed. Matures in 74 days. Pkt., $1.50; oz., 30c; lb., $0.75, postpaid.

**MINCU**—55 days. Somewhat short and pointed at blossom end—but white spined. A very early, heavy cropper for pickles. Pkt., 5c; oz., 15c, postpaid.

**STRAIGHT EIGHT**—Fruits are very symmetrical, almost cylindrical, with well rounded ends. Ready for market in 58 days, it carries an intense dark green color which it holds for some time. A fine market sort 8 inches long, 2 inches in diameter. Pkt., 5c; oz., 20c; lb., 95c, postpaid.

**IMPROVED KONDRA WITE SPINE**—The vines are very vigorous and productive; the fruit is of an attractive, deep glossy green color, with light spines running from blossom end. Most desirable for the market use. Pkt., 5c; oz., 20c; lb., 95c, postpaid.

**EARLY CLUSTER**—Extra prolific sort; setting its fruits in clusters of two or three. The fruit is a dark green, short and particularly suitable for pickles. Pkt., 5c; oz., 20c; lb., 95c, postpaid.

**WEST INDIA GHERRIN**—A very prolific, small fruited variety, used exclusively for pickling. It is not properly a cucumber, and is of no value for slicing. The fruits are 2 to 3 inches in length, thick and rounded, closely covered with spines. Pkt., 5c; oz., 20c; lb., 95c, postpaid.

**IMPROVED LONG GREEN**—Most widely cultivated sort; unsurpassed for general use. The cucumbers average 10 inches long when fully developed, and are fine for slicing. The smaller fruits make excellent pickles. Pkt., 10c; oz., 20c; lb., 95c, postpaid.

**CLIMBING**—The strong vines, throwing out numerous tendrils, can be trained upon a trellis or poles, which will insure earlier ripening and a straight, handsome form in the large fruits. Pkt., 5c; oz., 20c, postpaid.

**CHICAGO PICKLE**—Largely used by pickle manufacturers. Prolific, short, with fruit of medium size, dark green color, and with prominent spines. Pkt., 5c; oz., 20c; lb., 95c, postpaid.

**IMPROVED HANSON**—One of the best for growing during the hot summer months, as it will stand heat and dry weather to perfection. Light green color outside and white within; tender, crisp. Pkt., 5c; oz., 15c; 1/2 lb., 35c, postpaid.

**BOSTON**—Very distinct variety, grown largely in the South as a winter lettuce. Light green color and quite tender when well grown. Outside is a less distinctive heading sort, the plants bearing vigorously, growing to a good size and forming loose heads. Pkt., 5c; oz., 15c; 1/2 lb., 40c, postpaid.

**PRIZE HEAD**—The outer leaves are bright and green, shaded with brownish red. They are large and thin, attractively curled, and very tender. Pkt., 5c; oz., 15c; 1/2 lb., 40c, postpaid.

**PARIS WHITE COS**—The Cos lettuce differs entirely in shape from the other varieties, the head being elongated and of a conical form, 8 to 9 inches in height and 5 to 6 inches in diameter. Pkt., 10c; oz., 20c; 1/2 lb., 50c, postpaid.

**EARLY CURLED SIMPSON**—Forms close, compact bunches of effectively curled leaves. Pkt., 5c; oz., 15c; 1/2 lb., 40c, postpaid.

**Perfection Brand Lettuce Is Crisp and Tender**

Lettuce is a cool-season crop that must grow fast in order to be crisp and fresh when ready for the table. Sow seed as early as possible in in...

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**Number of Plants to Acre at Given Distances**

<table>
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<th>Dis. apart</th>
<th>Plants</th>
<th>No.</th>
<th>Dis. apart</th>
<th>Plants</th>
<th>No.</th>
<th>Dis. apart</th>
<th>Plants</th>
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<td>24</td>
<td>12 x 12 in.</td>
<td>9,680</td>
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</tr>
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</table>

**New York**
Perfection Brand Cantaloupes are Luscious

A warm, sandy loam is best for raising melons. Plant early in the spring, 8 seeds in each hill. After they are well started thin to about 3

BLACK DIAMOND—A desirable all-purpose melon which is used extensively for shipping in some sections. Vines vigorous and prolific. Melons very large, dark green, nearly round. Pkt., 5c; oz., 15c; Vi lb., 40c, postpaid.

PORTO RICAN—A golden fleshed melon, very tender and has a most delicious flavor. It is medium early, large uniform size, oblong shape. This has no hard core or stringy sections. Pkt., 10c; oz., 20c; lb., 50c, postpaid.

SMITH WATSON—Grows in shape and size about the same as the regular Watson, but has distinct markings in the form of irregular stripes. A good shipper and eating quality, considered better than other types of Watson. Pkt., 5c; oz., 15c; Vi lb., 35c, postpaid.

EARLY KANSAS—The flesh is a rich red color nearly to the rind and has a wonderful flavor. Shape is a large oval, almost round with lock ends; the rind is dark green color with alternate stripes of a lighter shade. Aver-age maturity 60 to 65 days. Melons weigh from 30 to 35 pounds. Pkt., 5c; oz., 15c; Vi lb., 35c, postpaid.

FLORIDA GIANT—The flesh is rich red, seeds black, quality usually very good—under favorable weather and soil conditions excellent. Grows round and extra large. Sometimes 70 pounds or better. Pkt., 5c; oz., 15c; lb., 50c, postpaid.

Our watermelon seed is grown especially for us in the South and selected from the very best melons. Southern-grown watermelon seed is always the best and the quality of the melons the very highest, as has been proven. A trial order will convince you our seed is first-class in every respect.
Mustard is grown for greens and requires a loamy, rich soil, preferably a sandy loam. It is sown either broadcast or in drills; if it is sown broadcast about 3 quarts of seed are required per acre, if in drills, 3 pounds per acre.

**MUSTARD SPINACH**—Sometimes known as Tender Greens. This new vegetable, which is all its name implies, is a very mild mustard with a creamy spinach flavor. Mustard Spinach grows fast. The leaves are ready for cutting three to four weeks after planting. Dry, hot weather does not injure the crop. Pkt., 3c; oz., 10c; 1/4 lb., 25c; lb., 75c, postpaid.

**SOUTHERN GIANT CURLED MUSTARD**—Long Standing type. This is a decided improvement over the old curled mustard as it will stand ten to fourteen days later before bolting to seed. Pkt., 3c; oz., 10c; lb., 50c, postpaid.

**OSTRICH PLUME**—Most beautiful variety and of very superior flavor. The leaves are beautifully ruffled and curled and curve outward like graceful ostrich plumes. They are excellently adapted for garnishing. Pkt., 3c; oz., 10c; lb., 50c, postpaid.

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**Perfection Brand Onion Seed**

**SEED CROP VERY SHORT**

One ounce will sow 100 feet of drill, 4 pounds will sow an acre.

**CRYSTAL WHITE WAX BERMUDAS**—Handsome, nearly globe-shaped bulbs of pale yellow color; crisp, pure white flesh of mild flavor. Pkt., 10c; oz., 40c; 1/4 lb., $1.25, postpaid.

**LARGE RED WETHERSFIELD**—The most widely cultivated of the red varieties; the standard winter onion in many Northern States. The bulbs are well flattened, thick through and grow to a good size. A most excellent keeper. Pkt., 10c; oz., 40c; 1/4 lb., $1.25, postpaid.

Vahneyer, Ill., April 15, 1942

Blading-Stevens Seed Co.,
Tulsa, Oklahoma.

Dear Sirs:

I saw the letter from C. A. De-
lany of Afton, Oklahoma, saying he hadn't raised
Giant Yellow Prizetakers. The American-grown Giant Yellow Prizetaker is
too far away to think of your good seeds. Well, no giant yellow prizetakers.

So I sowed some onion seed from a second group of onions that we grew in
our garden, and they are doing well. I hope my letter will reach you in time to
get your seeds next year. I'll be glad to have them.
The young, tender seed pods of this plant are used for flavoring soups, stews, etc. They are regarded as a household necessity in the South, but are neither so well known nor so extensively used in the North. Seed should be sown when the weather has become settled, in drills 3 feet apart. Thin out the plants so they will stand from 1 to 2 feet apart in the rows. Gather the pods while they are young, as they become tough and woody when they grow older. One ounce will sow 180 feet of drill.

**CLEMSON SPINELESS**—A uniform spineless strain of Perkins Long Pod type. Plant has less foliage than Perkins; pods rich green, straight, ridged. Pkt., 5c; oz., 10c; ½ lb., 25c, postpaid.

**DWARF LONG POD**—Bears in 50 days. Grows three feet high, strong stocky plant, sending out many branches. Very productive. Leaves and pods are dark green. Pods are 5 to 7 inches long, slender, corrugated and of excellent quality. Pkt., 5c; oz., 10c; ½ lb., 25c, postpaid.

**LEEK**—A very delicately flavored member of the onion family. The leafy portion of the plant is used for flavoring soups or boiling with meats while the white fleshy stems are boiled and either served with cream dressing or as a salad with vinegar and salad oil. Leeks prefer a rich, light soil. Cultivate the same as onions. Filling up will blanch the stalks and either served with cream dressing or as a salad with vinegar and salad oil. Leeks prefer a rich, light soil. Cultivate the same as onions. Filling up will blanch the stalks and either served with cream dressing or as a salad with vinegar and salad oil.

**LONDON FLAG**—A strong growing sort, hardy and excellent for winter. Pkt., 10c; oz., 25c, postpaid.

**PERKINS’ MAMMOTH LONG-PODED OKRA**—Pods shoot out from the stalk within 3 inches of the ground and the whole plant is covered with them to its extreme height. Pods are of intense green color, 9 to 10 inches long, very slim, and do not get hard. Pkt., 5c; oz., 10c; ½ lb., 25c, postpaid. **DWARF GRE”N**—Bears pods ready for use ten days or two weeks earlier than the tall sorts. The plants are of dwarf, stocky growth, and are very prolific. Pkt., 5c; oz., 10c; ½ lb., 25c, postpaid.

**Parsley**

The leaves are used for garnishing meats, fish and other dishes, and as flavoring for soups and stews. Grows in any garden soil. Seed is of slow germination and should be planted early in spring in rows 10 inches apart. A few plants will supply a family. **MOS.S CURLED**—Leaves are very ornamental, curled and crimped, also excellent for seasoning. Pkt., 5c; oz., 10c; ½ lb., 25c.

**EVERGREEN**—Is a double curled variety, with heavy, deeply cut foliage, in dense heads. It is uniform dark green, a rapid and strong grower, resistant to frost injury. This variety was given an award of merit in the 1940 All America trials. Pkt., 10c; oz., 25c, postpaid.

**Parsnips**

This is a hardy vegetable, used for food for both human and stock. It is grown similar to the carrot, and requires a rich, loamy soil. **IMPROVED HOLLOW CROWN**—A great cropper and considered the best for cultivation. The roots are long, smooth, tender, and very succulent. Pkt., 10c; oz., 25c; ½ lb., 35c.

**Perfection Brand Delicious Garden Peas**

Peas require a good, well worked garden soil. Plant as early in the spring as the ground can be worked, for the early smooth seeded varieties are planted before Alaska and Alaska, and in yield, far superior. The pods are larger, containing sweet, large peas of fine flavor. Vines from 30 to 35 inches. The pods are very large, with large, sweet peas of luscious quality. Pkt., 35c; 10 lbs., $2.25.

**ALASKA**—The earliest smooth pea in existence. The pods are medium in size, well filled and mature practically all at one time. Our strain is extra selected. Pkt., 10c; lb., 35c, postpaid; by freight or express, lb., 25c; 10 lbs., $1.80.

**THOMAS LAXTON**—A cross between Gradus and Alaskan. In earliness it is two or three days behind Alaska, and in yield, far superior. The pods are larger, containing sweet, large peas of fine flavor. Vines from 30 to 35 inches. Pkt., 10c; lb., 35c, postpaid; by express, lb., 25c; 10 lbs., $2.25.

**LAXTONIAN**—A dwarf pea with large handsome pods very similar to the Gradus, which variety it excels in yield and earliness. Vines average 15 inches in length, and the pods 3½ inches. One of the best peas for private or commercial growing. Pkt., 10c; lb., 35c, postpaid; by express, 25c; 10 lbs., $2.25.

**LAXTON’S PROGRESS**—One of the earliest large podded, dwarf peas and excellent for home or market gardening. Vines grow about 16 inches, pods 4 inches long, broad and pointed. Makes in about 60 days. Pkt., 10c; lb., 35c, postpaid. By freight or express, lb., 25c; 10 lbs., $2.25.

**LARGE WHITE MARROWFAT**—A very large sort that bears large quantities of well filled pods. Pkt., 10c; lb., 35c, postpaid.

**PARSLEY**—This is a very delicate, flavored variety of the onion family, grown primarily for its leafy portion which is used as a flavoring for soups, stews, meats, and as a garnish for salads. Leeks prefer a rich, light soil. Cultivate the same as onions. Filling up will blanch the stalks and either served with cream dressing or as a salad with vinegar and salad oil.

**Rhubarb, or Pie Plant**

It is grown either from seed or by propagation of the roots. The soil for rhubarb should be made extremely rich, using manure every other season. The roots get large enough to use in the fall from seed sown the previous spring, if the season has been favorable. The roots should be planted 3 feet apart in the row and with the crown about 4 inches under the soil. One ounce of seed will sow 100 feet of drill.

**VICTORIA GIANT**—This is a very large and late variety with round stalks of great length and thickness; produces a succession of stalks the whole season; held high in the esteem of market gardeners. Pkt., 5c; oz., 10c; ½ lb., 40c.

For RHUBARB ROOTS see page 15.
Perfection Brand Peppers

The young plants are raised like tomatoes, danger of frost is over and the ground is warm, feet wide. One ounce of seed will produce about

PIMENTO PEPPER—It is so smooth and uniform in shape that the skin can be easily slipped off after burning over a hot fire a few seconds or by boiling a few minutes in hot water. In quality it is very sweet and delicioues and entirely free from pungency; in color, when ripe, it is a beautiful green. It is much sought and grown by canners for pickles and puly. Pkt., 10c; oz., 30c; 2 ozs., 55c.

KING OF THE NORTH—(60 days after setting plants)—One of the earliest of the large peppers. They will average 6 inches long and 3 inches across. Flesh is mild, thick, fine and sweet. The spreading plants are literally covered with large peppers often with 8 to 10 maturing at the same time. Pkt., 10c.

CHINESE GIANT—This is the largest red pepper in existence. The peppers are of enormous size; specimens weighing 18 ounces when ripe, it is a beautiful green. It is much prized and grown by canners for pickles and puly. Pkt., 10c; oz., 30c; 2 ozs., 55c.

WORLDBEATER—A very excellent second early variety. Fruits are large, four-pointed, thick walled. The color is dark emerald green. Plants thrifty, vigorous and heavy producers. Very popular in the South. Pkt., 10c; 1/4 oz., 20c, postpaid.

RUBY KING—A very prolific sort bearing splendid crops of red large thick peppers of good quality for canning. Pkt., 10c; oz., 35c; 1/2 lb., 90c, postpaid.

CALIFORNIA WONDER—Resembles Chinese Giant in the large size and "blocky" form of its fruit, but have an extremely thick flesh and possessness by that variety. Measures 4 1/2 to 5 inches in length by 4 inches in diameter. Fruits are dark green, smooth in surface. The exceptionally thick flesh is mild and sweet. Pkt., 10c; 1/2 oz., 35c; oz., 60c, postpaid.

TABASCO—This is the variety which the famous Tabasco sauce is made from. The tall, bushlike growth produces a great number of small, slender, very hot and fiery fruits about one inch long. Pkt., 10c; oz., 40c; 1/4 lb., $1.00.

Perfection Brand Pumpkins for Pies

Our stock of radish seed is grown for us in Michigan. Great care is used in selecting this seed, and the quality is of the best. A trial will convince. They develop best and quickest in light rich sandy soil. Constant cul-

LONG SCARLET SHORT TOP—Roots grow 5 or 6 inches long and are very attractive, crisp. Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., 90c, postpaid.

SMALL SUGAR—Handsome and prolific, of small size, averaging about 10 inches in diameter; skin is a deep rich orange yellow, bicrenated, dry and an excellent keeper; a nice table variety, Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 75c, postpaid.

TENNESSEE SWEET POTATO—A good variety for making pies and for other cooking purposes. It is of medium size, and of a white creamy color with excellent flavor. This is a good keeper. Pkt., 5c; oz., 10c; 1/4 lb., 35c; postpaid.

LARGEST CHEESE, or KENTUCKY FIELD—A popular and very productive variety. The ripe fruits are flat, of a rich, creamy yellow color, and measure about 2 feet in diameter. Pkt., 5c; oz., 10c; 1/4 lb., 35c; 2 ozs., 55c.

CRIMSON GIANT—An entirely new variety and differs radically from all others, inasmuch as the roots attain more than double the size of the other varieties without getting pithy or hollow. It is very early, Color, crimson; meat, pure white and of the best quality. The seed should be sown very thinly to permit the development of the roots. Pkt., 5c; oz., 15c; 1/4 lb., 30c; lb., 90c, postpaid.

EARLY FRENCH BREAKFAST—A beautiful olive-shaped sort of bright scarlet color with well-defined white tip; a rapid grower; very mild and tender. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., 90c, postpaid.

WHITE-TIPPED EARLY SCARLET TURN—A crooked-necked variety, with green and white striped skin. The flesh is of a rich yellow color, solid, fine-grained, very thick and sweet. Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., 90c, postpaid.

Perfection Brand Radish Seed

If you have a vacant lot next door, or other space nearby, grow a vegetable garden. A plot 50 x 50 feet will provide most medium sized families with all the fresh vegetables they can eat, with plenty left over for canning.
Perfection Brand Radish Seed

Winter Varieties

CHINA ROSE WINTER—Of bright deep rose color; flesh firm and excellent for keeping. Pkt., 5c; oz., 10c; $1/2 lb., 30c; lb., 90c, postpaid.

LONG BLACK SPANISH—With black skin and white flesh; will keep until spring. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 90c, postpaid.

CALIFORNIA MAMMOTH WHITE—Roots white and when fully matured 9 to 12 inches long by 2 to 4 inches in diameter just below the shoulder, tapering regularly to the tip. Flesh crisp, white and attractive when well grown and will keep well through the winter. Pkt., 5c; oz., 10c; lb., 50c, postpaid.

Spraying to protect your garden should begin before insect or fungus damage is apparent. After the damage is done, it is too late. You can count on the same enemies that attacked the garden last year.

Radish—Early Scarlet Globe

Perfection Brand Spinach For Your Health’s Sake

A spring plant used for greens. Very hardy and most in demand in early spring and late fall. Leaves are large, rich and tender. Very easy to culture and grows best in cool weather. Rapid growth is desirable that leaves may be strong and tender. Soil should be rich and given good thorough fertilization. For fall use seed may be sown in middle of September. One ounce will sow 100 feet of drill.

BLOOMSDALE—This is the most popular variety. The fleshy leaves are of true Savoy appearance; very hardy. Pkt., 5c; oz., 10c; lb., 85c, postpaid. By freight or express, 75c; 10 lb., $7.00.

NEW ZEALAND—Best for hot weather. Yields continuously from late spring to late fall. During the summer months when ordinary Spinach bolts and goes to seed, this variety is at its best. It thrives on almost any soil and withstands drought wonderfully well. The plant is bushy in form. As the tops are cut off, side shoots develop and in a few days another crop may be cut. Seeds should be soaked in warm water for 24 hours to hasten germination. Plant in March or April, 3 to 4 seeds in hills 2 1/2 feet apart each way. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., $1.10, postpaid.

Salsify or Vegetable Oyster

So called because of resemblance in flavor to the oyster when cooked. Tap root is long and resembles a parsnip and one-half the size of an ordinary parsnip. Requires a deep, rich soil and the whole season to mature in. Plant seed about 1 inch deep in drills 12 inches apart, about this time the previous plants having 12 to 15 inches. One ounce will plant 70 feet of drill. Roots may be dug and stored in fall or left in ground over winter.

MAMMOTH SANDWICH ISLAND —Grows very large; well flavored and mild. Pkt., 5c; oz., 20c, postpaid.

Perfection Brand Selected Irish Potatoes

NORTHERN GROWN

On account of market fluctuations, we are unable to name exact prices. We will be pleased to have you write us the month of January or later and we will then quote prices for prompt or future shipment.

Clean seed is of vital importance in the production of potatoes. Planting scabby or discolored potatoes in your garden will not only produce an inferior crop but will infect the soil with disease spores and render it unfit for potato production in the future. Cut the seed potatoes in four or more sections, each piece with an eye. Dust with sulphur, and plant one section in a place and about ten inches apart in the row. Level the land, open a furrow about five inches deep, plant, cover, leaving the surface level. As the potatoes grow, draw the soil to them and provide the irrigation furrow between the rows.

Our Certified Seed Potatoes were grown in the Red River Valley of Minnesota and North Dakota and are strictly fancy stock. Should not be compared to average stock as offered by grocers and commission houses.

WARRA—A new variety. Round, white. Early and a very heavy yielder. Resistant to mosaic and hot dry weather.

TRIUMPH—Very early. Tubers are of medium size, round and uniform in shape, with but few small ones; eyes slightly depressed; color a beautiful light red. Its beauty, productivity and fine quality make it one of the best extra early market varieties, especially for the South.

EARLY OHIO—Our stock of this variety is grown in the Red River Valley of Minnesota and North Dakota and is strictly fancy stock. Should not be compared to average stock as offered by grocers and commission houses.
Perfection Brand Delicious Tomatoes

Everyone likes a good Tomato and every garden should have at least a dozen hills of Tomatoes. They may take a little more work than some other vegetables, but the occasional hoeing needed is well repaid by the constant supply of delicious fresh fruit all summer long. When the first frost comes in the fall, there are usually a few good Tomatoes left.

These make an excellent pickle which will be relished the whole winter. We pay special attention to raising Tomato plants for the home garden. Our California grown tomato seed is unsurpassed, bred up for hardiness and quality.

SPARKS' EARLY—Coming into the market before any other sort, it commands top prices. The fruits are sold, uniform in shape, and of a rich bright-red color. The Tomatoes are produced in clusters, and generally can all be gathered in about three weeks from the time the first fruits ripen. Pkt., 5¢; oz., 35¢; ½ lb., $1.25, postpaid.

MARGLOSE—This new tomato is the result of the efforts of Dr. F. Pritchard of the United States Department of Agriculture who has succeeded in producing a perfectly globe-shaped tomato of the most beautiful red color. It bears an abundant crop of good sized fruit which ripens well up to the stem. It is a second early sort and has proven to be disease resistant in the section where tomato diseases are most prevalent. Pkt., 10c; oz., 35¢; ½ lb., $1.00, postpaid.

GULFSTATE MARKET—Although this variety was developed primarily to meet the demands of tomato growers who ship to distant markets, its many excellent qualities make it also a very desirable sort for the home gardener or the grower for local markets. Fruits medium to large, round or globe shaped, show but little depression about stem and are smooth and free from cracks. Color, deep purplish pink, ripening well about the stem. Pkt., 10c; oz., 40¢; ½ lb., $1.25, postpaid.

NEW Pritchard or SCARLET TOPPER—This is a new tomato originated by the late Dr. Frank H. Pritchard, former Chief of the Bureau of Plant Industry, U. S. Department of Agriculture. It is early, fruits large, smooth, very red, globular. Vines medium, dense, very productive. Especially bred for a green-wrapped tomato, it is also an excellent canner and ripens well up to the stem in a 110 degree temperature. Tendency to set a rather large number of fruits, therefore requires either a naturally fertile soil or one well fertilized in order to size up the fruit properly and produce maximum quantity of meat per fruit. Pkt., 10¢; ½ oz., 25¢; oz., 60¢, postpaid.

BREAK O' DAY—The variety is a cross between the Marglose and Marvanna, possessing the disease-resistant quality in both to a very marked degree. In size, color, shape, and free from cracks, Color, deep purplish red, ripening well above the ground. Early and prolific. Pkt., 10¢; oz., 40¢; ½ lb., $1.25.

PONDEROSA—Largest fruited tomato in cultivation, single fruits often weighing from 2 to 4 pounds and measuring 18 inches in circumference. It is solid and meaty to the heart and has small seed cavities. For this reason selected seed of this variety will always be scarce. Fine for slicing and of excellent flavor. Pkt., 10¢; oz., 40¢; ½ lb., $1.25.

NEW STONE—Immensely popular with canners, Southern shippers, and market gardeners. It is a remarkable yielder, very firm and of a handsome, bright red color. It is of excellent shape with very smooth skin, never cracking, and has a fruit from 3 to 4 oz.; ½ oz., 15¢; ½ lb., 60¢; ¼ lb., $1.50, postpaid.

The New Pearson Tomato

The Pearson is an early main-crop, scarlet-fruited variety, having a compact self-topping habit. Like other determinate types the cluster of fruit set close together on the branch with very little tendency to set a rather large number of fruits, therefore requires a naturally fertile soil or one well fertilized in order to size up the fruit properly and produce maximum quantity of meat per fruit. Pkt., 10¢; ½ oz., 25¢; oz., 60¢, postpaid.

CHALK'S EARY JEWEL—One of the best early tomatoes yet introduced. The vines are vigorous and very productive. Fruits deep scarlet red, nearly round or somewhat flattened, smooth, of large size and most excellent quality. They ripen early and the pickings continue through a long season. Pkt., 10¢; oz., 35¢; ½ lb., $1.25; lb., $2.75, postpaid.

STOKESDALE—A new early extra scarlet fruited sort with remarkably solid interior, fleshy, and firm. Ripe to the ground. Resembles Marglose in size and shape, but about 15 days earlier. Pkt., 10¢; ½ oz., 25¢; oz., 75¢, postpaid.

DWARF CHAMPION—The most popular dwarf variety in cultivation. The stocky, sturdy plants set a large number of fruits requiring no support. The purplish red fruit begins to ripen early and are produced throughout the season. Pkt., 10¢; oz., 40¢; ¼ lb., $1.25, postpaid.

BEEFSTEAK—The fruit grows very large and very smooth. It is oval in shape, rather than round. It is firm, solid and keeps well on the vines after ripening; has rather few seeds and ripens all over and through all time. The color is clear deep red. Pkt., 10¢; ½ oz., 35¢; oz., 60¢.

YELLOW PEAR—Used whole for salads and preserving. Pkt., 10¢; ½ oz., 25¢; oz., 60¢.

YELLOW POPOVERA—Main crop, yellow-fruited variety. Fruit is large, rough and fibrous and very prolific. It ripens about 10 days later than the Pearson. Vine makes a medium, rather open growth and shows good wilt resistance. Pkt., 10¢; oz., 40¢.

RED CHERRY—Used whole for salads and preserving. Pkt., 10¢; ½ oz., 35¢; oz., 60¢.

GROUND CHERRY or HUSK—Used whole for salads and preserving. Pkt., 10¢; ½ oz., 25¢; oz., 60¢.

Cuprocide for Tomato Disease Control

After four years of extensive research, investigators at various state experiment stations have found that Yellow Cuprocide (based on Cupric oxide) is the most effective fungicide for control of tomato diseases in the seeded and field. This material, containing 47.2 per cent copper as Copper oxide, is a highly efficient fungicide which requires no lime; suspend well in the tank, and sticks tenaciously to foliage.

Cuprocide is available in and ordinary, aqueous, quick-drying spray, or in a dry, dusting form. The dry powder is preferred in climate where moisture is a problem. Cuprocide may be used with arsenicals, nicotine sulphate, derris, cubes, or other materials ordinarily used in sprays.

Time and Frequency of Spraying

It is desirable not to spray oftener than necessary. Perhaps the best criterion would be to apply three or four sprays at ten-day intervals after the plants begin to grow together in the middle of May. It is important to drive the spray to the center of the vines, ignoring the time if necessary. For four applications (1½ gallons per 100 gallons of spray, and applying 100 gallons per acre) will require 6 pounds of Yellow Cuprocide per acre for the season. One case 16 3-pound bags will spray 8 acres. 3-lb. pkg., $1.50; case 16 3-lb. pkgs., 45¢ per lb.
Perfection Brand Turnips

The turnip is not injured by frost and makes its growth in cool, moist weather. For spring sowing plant as early as the ground can be worked and for fall sowing plant from August to October 1st in this latitude. One ounce will sow 200 feet of drill. Turnips prefer a light sandy loam. Sow in rows 12 to 18 inches apart and half-inch deep. Thin out so the plants stand 4 inches apart.

Early White Milan — The earliest of all. On account of its beautiful shape and extreme earliness this takes the front place among turnips. It is so smooth and neat in appearance that it gives the impression that it has been polished by hand. The foliage is scant and short. Both skin and flesh are snowy white. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid.

White Egg — Of handsome oval form with perfectly thin white skin. It grows very quickly and the flesh is very firm, sweet and mild. Pkt., 5c; oz., 10c; ¼ lb., 20c, postpaid.

Cowhorn — A long white turnip, 12 to 15 inches in length, 2½ inches in diameter. Of rapid growth, producing large, heavy roots in 65 days. It is the best and sweetest for home use or for stock feeding. Pkt., 5c; oz., 10c; lb., 45c; 5 lbs., $2.00, postpaid.

Purple Top White Globe — Form large globe-shaped roots very rapidly. The upper half is a purplish color while the lower half is a pure white; the flesh is pure white, crisp and sweet and keeps better. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c, postpaid. By freight or express, lb., 45c; 5 lbs., $1.75.

Vegetable Plants and Roots


Eggplant (New York Improved Large Purple) — Ready in May. Dozen, 35c, postpaid. By express, 100, $2.75.

Poke Root Compound

For that serious disorder peculiar to cows — it is favorably known to every dairymen. Price per can, 65c; enough to treat 15 cases.
Why Envy Your Neighbor of Her Beautiful Flowers

You, too, can have a beautiful flower garden. Perfection Brand Seeds are of such a high germinating quality and are so reasonably priced that with a few dollars you can have a show place. A word about planting flower seeds—sow the seeds either broadcast or in rows and cover lightly—a good general rule is to cover four to five times the size of the seeds—and press soil firmly. Small seeds cannot come up if covered too deep. Very fine seeds should be sown on the surface and pressed into the soil.

Ageratum
AGERATUM—Summer blooming plants throughout summer and fall. Desirable for borders, bedding, and rockeries. Does well in sun or half shade in any soil
AGERATUM (Midget Blue)—Dwarf (2 to 3 inches high) with delicate fine foliage, which is practically covered with small true Ageratum blue flowers. Pkt., 25c.
Blue Perfection—Medium blue, large flowers. Compact plants. 9 inches. Pkt., 10c; ½ oz., 20c.

Alyssum
ALYSSUM (Compactum) LITTLE GEM—A low spreading light green plant with small white flowers of a peculiar delicate fragrance. Most effective in masses of plants. Pkt., 5c; ¼ oz., 20c.
LILAC QUEEN—Color deep lilac, habit compact, six inches high. Pkt., 10c; ½ oz., 20c.
CARPET OF SNOW—Each plant is a flat, compact mass of snow-white flowers. 2½ inches high. Pkt., 10c; ¼ oz., 15c.
Lutescens—Creamy yellow. Grows 4 to 6 inches. Pkt., 5c; ¼ oz., 20c.

Aster
ASTER (Composite) — The Aster is considered the queen of all flowers. For beauty and variety of form and color, it is unrivaled, and of all the flowers is best adapted to win the admiration of all lovers of floral beauty. Set a foot apart. Height, 1½ feet. Annual.
Wilt-Resistant Type American Beauty—Mixed colors. Pkt., 20c.

Baby's Breath
BABY'S BREATH (Gypsophila)—Annual. 10 to 15 inches. Blooms in May and June. Small flowers on branched stems so thick as to give the plants a white lace-like effect. Pkt., 10c; ¼ oz., 25c.

Balsam
BALSAM (Lady's Slipper, Touch-me-not)—An old favorite garden flower producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion. Half-hardy annual. 2 feet high.
Mixed Double—Pkt., 10c; ½ oz., 20c.

Brachycome
BRACHYCOME IBERIDIFOLIA (Swan River Daisy or Annual Cineraria)—Fine for edging, or rock gardens. Free flowering. Small, Cineraria-like blooms nearly all summer.
Blue—Pkt., 10c.
Finest Mixed—Blue rose and white. Pkt., 10c.

Calcia
CALCIA (Tassel Flower)—Also known as Florin's Paint Brush. This is a very showy, erect growing, hardy annual plant, one to two feet high, very slender wiry stems and narrow bright green foliage. The flower heads are loosely clustered about half inch in diameter, making a feathery, tassel-like bloom.
MIXED—Bright scarlet and bright golden orange. Pkt., 10c.

Calendula
CALENDULA (Orange Shaggy)—One of the most interesting and certainly the most distinct of the new types is the laciniated petalled type, Orange Shaggy. Deep orange in color, it is a striking contrast to the formal Calendulas in general use. Pkt., 15c.
CALENDULA (Pot Marigold)—Mixed colors. Pkt., 10c; ½ oz., 40c.

Candytuft
CANDYTUFT (Iberis Umbellata)—One of the most hardy annuals, useful for cutting and is most effective when grown in a mass. Sow early ¼ inch deep in fine, rich soil and transplant or thin out to 9 inches apart. Height, 1 foot.
PERFECTION Brand Mixed—Pkt., 5c; ¼ oz., 15c.

Carnation
CARNATION—Marguerite—These are comparatively a new class of carnations. They are highly prized for massing in summer beds and their perfect form, beautiful shades of color and lavish profusion of bloom continue till frost. Semi-dwarf, 10 to 15 inches high. Annual. Pkt., 10c; ½ oz., 25c.
CARNATION (Chabaud's Everblooming Mixed)—Plants bloom in about five months from sowing and continue all summer. The flowers are very double, of large size, clove scented. Plants grow 16 to 26 inches high. Pkt., 10c.
Plant Some of the Newer Cosmos This Spring

Celosia

**CELOSIA CRISTATA** (Cockscomb)—Showy flower-heads or combs of plush-like finish. They are very ornamental and are easily dried for winter decorations.

Tall Crimson—Pkt., 10c; ¼ oz., 25c.

Dwarf Empress—Dark foliage, dark red flowers. Pkt., 10c; ¼ oz., 40c.

Centaurea

**CENTAUREA MOSCHATA** (Sweet Sultan)—Mixed colors. Very desirable for cutting and garden decoration. They bloom freely for many weeks during the summer. The large, long, stemmed, sweet scented flowers are exquisitely fringed and most graceful in appearance. Pkt., 10c; ¼ oz., 25c, postpaid.

**POPULAR DOUBLE CORNFLOWERS** (Centaurea Cyanus)—An old favorite, noted for its vigorous growth, large size flowers, and extreme daintiness of its blooms. The plants grow 2 to 3 feet tall. Fine for cut flowers.

Jubilee Gem. Pinkie.

Black Boy. Red Boy.

Blue Boy. Double Mixed.

All, pkt., 10c; ¼ oz., 25c.

Chrysanthemum

**CHRYSANTHEMUM**—Annual (Painted Daisies)—Flower profusely during summer and fall. They are showy in the garden and fine for cutting. Prefer heavy soil. Grows 18 to 24 inches.

**Carinatum Atroecoccineum**—Dark coppery crimson, yellow zone. Pkt., 5c; ¼ oz., 20c.

**Tricolor**—Finest Mixed. Pkt., 5c; ¼ oz., 25c.

**Coronarium Coronet**—Golden Glory, deep canary yellow. Pkt., 5c; ¼ oz., 20c.

Cosmos

**COSMOS**—Sensation—The Sensation type of Cosmos is today the favorite for cut flower use. The flowers are of immense size, 4 to 5 inches in diameter, with broad heavy fluted petals which slightly overlap, giving a very full single flower, making it ideal for cut flower use. The flowers are carried on long stems and are freely produced on plants which reach a height of 3 to 4 feet. The flowers are produced within 8 to 10 weeks from the time seed is sown.

**PINKIE**—Delightful rose shade. Pkt., 15c.

**PURITY**—Glistening white. Pkt., 15c.

**COSMOS**—Early Mammoth Single Mixed. Pkt., 10c.

**COSMOS**—Late Mammoth Single Mixed. Pkt., 10c.

**COSMOS**—Early Klondike Orange Flare—Bright vivid orange, very free flowering. 2 to 3 feet tall, with sparse growth of light green foliage. The most outstanding characteristic is its early blooming habit. The blooming season is long, and the long wiry stems make Orange Flare an excellent flower for cutting. Pkt., 10c.

**Columbine**

**COLUMBINE** (Aquilegia)—One of the most popular perennials, easy of cultivation and flowering from early summer until frost. Very desirable for borders and groups among shrubbery. 1 to 3 feet high.

**Cosmos**—Purity

**Columbine**—**PURITY**—Glistening white. Pkt., 15c.

**COSMOS**—Early Klondike Orange Flare—Bright vivid orange, very free flowering. 2 to 3 feet tall, with sparse growth of light green foliage. The most outstanding characteristic is its early blooming habit. The blooming season is long, and the long wiry stems make Orange Flare an excellent flower for cutting. Pkt., 10c.

**Cynoglossum**

**FIRMAMENT**—It is dwarf, free blooming over a long season; flowers a bright indigo blue. It is recommended in dry, even poor soil. 16 inches. Pkt., 10c.

**Cuphea**

**CUPHEA**—Firefly—This colorful little border or edging plant has definitely made a place for itself in the garden scheme. Dwarf, compact, neat in habit, showy and colorful. Cuphea Firefly is indeed a joy for garden lovers. The flowers are fiery cerise red in color, and are freely produced on compact plants which reach a height of about 10 inches. The general effect of a plant when in full bloom is that of a brightly decorated little Christmas bush. It is a tender annual, flowering readily in 12 to 14 weeks from seed, and blooms profusely for several weeks. Pkt., 10c.

**Dahlia**

**DAHLIA**—The dahlia is one of the most popular occupants of our gardens. Easily raised from seed, which will produce to flower the first season. Half-hardy perennial, 3 to 5 feet.

**DAHLIA** (Unwin Dwarf Hybrid)—The flowers petals are nearly all twisted. Double and semi-double flowers in many charming colors, excellent for cutting. Pkt., 20c.

**Dianthus**

**DIANTHUS** (Heddewigi Laciniatus)—Annual Plants dwarf compact, free flowering lacinated petals. Perfection Brand Double Mixed, pkt., 10c.

**DIANTHUS** (Laciniatus Splendens)—The most striking Dianthus ever offered. Laciniatus Splendens comprises extra large single flowers of bright crimson, boldly contrasted with a glistening white eye, borne profusely on neat dwarf plants. Pkt., 20c.

**Dimorphotheca**

**DIMORPHOTHECA** (African Daisy)—Showy annuals, about 1 foot tall, with fine daisy-like blooms during summer and fall. Good for rock gardens, edgings and cutting. Need sunny exposure.

**AURANTIACA MIXED**—Pkt., 10c.
Try Old Fashioned Flowers in a Modern Setting

Helichrysum
HELICHRYSUM (Monsrestrum Strawflower)—The finest of all everlasting for the home garden. They are very handsome when growing in the open and make unusually fine winter bouquets if cut when partially opened and dried slowly in a cool place, heads downward to keep the long stems straight. They come in a wide range of brilliant and soft colors. Pkt., 10c.

Hollyhock
HOLLYHOCK (Althea Rosea)—The hollyhock is an old garden favorite. The tall, stately spikes bear immense quantities of blooms of the most brilliant colors and as double as a rose. Plant 3 feet apart and water freely. Height, 5 to 6 feet. Hardy perennial. Perfection Brand Double Mixed—Pkt., 10c; 1/4 oz., 25c.

Kochia
KOCIIH (Summner Cypress) — Sometimes called burning bush. This annual plant is of surprising rapid growth, regular pyramids about 2 feet high. Leaves slender, of light green until fall, changing to blood red and carmine. Pkt., 5c; 1/4 oz., 10c; oz., 30c.

Dusty Miller
DUSTY MILLER (Candidissima)—For bedding, hanging baskets and pots and for edging of beds where white foliage is desired. Silvery white, finely cut leaves. 15 inches. Pkt., 10c.

Four O'Clocks
FOUR O'CLOCKS OF MARVEL OF PERU (Mirabilis)—This handsome, well-known free flowering garden favorite does well in any soil and under almost all conditions. Produces large flowers of many brilliant colors. The flowers are at the height of perfection during the afternoon. Height, 2 feet. Mixed—Pkt., 10c; 1/4 oz., 25c.

Foxglove
FOXGOVE (Digitals)—A very beautiful and interesting old-fashioned plant whose culture is very simple. The bell-shaped flowers borne on long spikes make an exceedingly handsome and stately border. Keep plants 2 feet apart. Height, 3 to 5 feet. Hardy biennial. Perfection Brand Mixed—Pkt., 10c; 1/4 oz., 25c.

Gaillardia
GAIIAIIIIA (Blanket Flower)—Annual. Blooms July to October. The annual varieties are very showy and are well adapted for garden and cutting. Grandiflora, Double Mixed. Two ft.; large flowering. Pkt., 10c; 1/4 oz., 25c.

Geranium
GERANIUM (Pelargonium)—These universally admired plants are easily grown from seed and bloom the first season. Half-hardy perennial, 1 to 2 feet. Perfection Brand Mixed—Pkt., 10c; 1/4 oz., 25c.

Gomphrena
GOMPHRENA (Globe Amaranth)—A showy annual everlasting or strawflower, resembling a large clover blossom. Mixed colors. pkt., 10c.

Gypsophila

Helianthus

Larkspur
LARKSPUR (Giant Imperial)—Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs. The delphinium-like spikes of double flowers, carried on stems 4 to 5 inches long, are compactly placed on upright growing plants, requiring about one-half the space needed for the old stock flowered type. White King—White. Bell Blue—Azure Blue. Blue Spire—Very deep violet blue. Carmine King—Deep carmine rose. Dazzler—Rich scarlet. Miss California—Deep Rose on Salmon. Finest Mixed. Pkt., 10c; 1/4 oz., 25c; postpaid.

Linaria
LINARIA Toad Flax—The Linarias, commonly known as miniature snapdragons, are very charming, free flowering border plants in bright and pastel shades. 15 inch. Perfection Brand—Pkt., 10c; 1/4 oz., 25c.

Lupins
**Nasturtiums ... In a Riot of Color**

**Petunias ... In Colors Soft and Vivid**

Few flowers excel Petunias in brilliant and gorgeous display. The commence flowering very early, and continue throughout the whole season. Easily cultivated in almost any soil in a sunny location.

**Pansies**

Pansies—The pansy is a flower that is well known and highly prized in every garden.

**SHAKESPEARE'S PANSY**—This is a simple, quaint pansy suitable for any location in the garden. Color combinations of blue or purple, white and yellow. Pkt., 25c.

**GENEVA GIANT MIXED**—A large flowering type in a good range of colors. Pkt., 20c.

**Phlox Annual**

The Phloxes are the showiest and most easily raised of all annuals. All the tints of the rainbow are represented with all possible variations of stripes, veins and eyes of contrasting shades.

Seed should be sown in the ground as soon as danger of frost is over and in a few weeks the buds are a blaze of glory. If seed pods are cut off the plants will continue to flower until frost.

Salmon Glory (New)—The color is a pure salmon pink with a distinct creamy-white eye. The individual florets are gigantic for Phlox, measuring 1/4 to 1/2 inches in diameter. Pkt., 20c.

Drammoni Grandiflora Mixed. Pkt., 20c.

**Nicotiana**

**NICOTIANA AFFINIS (Sweet Scented Flowering Tobacco)**—A free flowering annual, blossoms resemble the petunia, opening in the evening and emit a very powerful perfume.

**Crimson Bedder**—Compact, deep crimson, 16 inches. Pkt., 10c.

Hybrids—Mixed. Pkt., 5c; 1/4 oz, 25c.

**Nigella**

**NIGELLA (Love-in-a-mist)**—One of the prettiest old-fashioned annuals with attractive double flowers, nestled among the fine, feathery foliage. Blooms over a long period. 11/2 feet tall.

**MISS JENKLY**—Cornflower blue. Pkt., 5c; 1/4 oz, 15c.

**Annual Poppies**

Annual poppies should be sown in the spring as soon as possible where they are to remain, as they do not stand transplanting. Poppies are charming subjects in the garden because of their brilliantly colored flowers and the freedom in which they are produced.

**CALIFORNIA POPPY**—Spreading varieties.

**AURANTICA**—Orange. **CARMINE KING**—Deep carmine. **BRILLIANT MIXED**—Pkt., 10c; 1/4 oz, 25c.

**DOUBLES HYPER MIXED**—Pkt., 5c; 1/4 oz, 15c.

**SINGLE SHIRLEY POPPY**—Large, single blooms are so plentiful that they all but completely hide the clean, dark green foliage. Grow 1/4 feet high.

**PERFECTION BRAND MIXED**—All Colors. Pkt., 25c.

**PETUNIA HYBRIDA**—Used for mass planting, beds, borders and window boxes. The plants are extremely free blooming. Grow 1 1/2 feet high.

**General Dodd**—Blood red. Pkt., 10c; 1/4 oz, 25c.

**Howard's Star**—Orange-crimson with a clearly defined five-pointed star of blush white. Pkt., 10c; 1/4 oz, 25c.

**Inimitable**—Red and rose, spotted, striped and starred white. Pkt., 10c; 1/4 oz, 25c.

**Rose King Improved**—Deep clear rose pink. Flower large and beautiful. Pkt., 15c; 1/4 oz, 50c.

**Violeaa**—Deep violet. Pkt., 10c; 1/4 oz, 35c.

**Flaming Velvet**—Deep, velvety blood red. Pkt., 25c.

**PERFECTION BRAND MIXED**—All Colors. Pkt., 15c; 1/4 oz, 25c.

**HYBRIDA NANA ERECTA**

This group is a dwarf, compact, floriferous and continuous bloomer, undoubtedly the most satisfactory bedding type in cultivation. Height, 1 foot.

**Alderman**—Deep violet blue. Pkt., 15c.

**Blue Bedder**—Mid blue. Pkt., 15c.

**Silver Blue (Heavenly Blue)**—Light blue. Pkt., 25c.

**Snow Queen**—White. Large flowers. Pkt., 25c.

**Rose of Heaven**—Brilliant rose. Pkt., 15c; 1/4 oz, 35c.

**Rose Morn**—Rose pink, white throat. Pkt., 15c; 1/4 oz, 35c.

**Violeaa**—Deep violet purple. Pkt., 20c; 1/4 oz, 45c.

**PERFECTION BRAND MIXED**—Pkt., 15c; 1/4 oz, 35c.

**PETUNIA PENDELA**


Deep Blue—Pkt., 25c.


**PERFECTION BRAND MIXED**—Pkt., 25c.

**NANA COMPACTA**—Erect and bushy. 10 to 12 inches high.

FINESST MIXED—Pkt., 25c.
Sweet Peas Complete the Garden Scheme

SPENCER SWEET PEAS—Because of such unusual size, waved or fluted appearance and charming blendings of harmonious colors, the new Spencer type may be appropriately described as Giant Orange-flowered. The flowers are only of extremely large size, but are distinct in having the outer edges of the standard and wings beautifully crumpled or waved. Sweet Peas are more than flowers—they are a necessity for every garden.

INOCULATE SWEET PEAS WITH NITRAGIN BEFORE PLANTING—See Page 20.

LOCATION—Any location is suitable that is well drained that will get free circulation of air. Early planting is essential with sweet peas in order to give the roots a chance to develop more rapidly than the tops during the cool weather. Early plantings produce blossoms before the intense heat of the summer comes which is likely to wilt the plants if they do not have well developed roots. Sowings should be made in furrows 12 inches deep and the seed covered with an inch of soil and the trench filled as the plants grow. It is a help to soak the seeds in lukewarm water overnight before sowing. Use one ounce to twelve feet of row.

Spencer Mixed Sweet Peas—Pkt., 5c; oz., 10c; ½ lb., 40c; lb., $1.25.

GIANT RUFFLED—Beautifully ruffled, duplexed and frilled, giving the large wavy flowers a double appearance. Long stems, each carrying four fully developed blooms.

Mixed Colors—Pkt., 10c; oz., 25c.

Portulaca

PORTULACA—There is scarcely any flower in cultivation that makes such a dazzling display as a bed of many-hued, highly colored Portulaca. In bloom all summer until frost. Set out or transplant 6 inches apart.

Portulaca. In bloom all summer until frost. Bonfire—Pkt., 50c.

Scabiosa

SCABIOSA (Mourning Bride)—The handsome double flowers are borne on long stems, thus adding to their value as cut flowers, while the colors range from pure white through shades of pink and red to blue and black-maroon. Grows 24 inches high.

DWARF PEACE—The flowers are ½ to 2 inches across, of perfect form. Pure white. Height 2 feet. Pkt., 15c.

IMPERIAL GIANTS BLUE MOON—Extremely large, well formed flowers, which are fully double. Plants very upright, growing 42 to 48 inches high. Giant Flowered Hybrids Mixed, large flowers, unusual colors, ball shaped. Pkt., 10c; ¼ oz., 25c; ½ oz., 50c; 1 oz., $1.00.

Viola

VIOLET Mixed—This blend of bright, gay colors far surpasses any mixture of Violas we have ever seen. Pkt., 25c.

Wallflower

(CEIRANTHUS CHERID)—Annual Single Mixed. Pkt., 10c.

Annual Double Wonder Mixed. Pkt., 15c.
Summer flowering Bulbs fill Many Garden Roles

Summer bulbs are taking a more important place in the garden each year. This is especially true of the gladiolus, everybody's flower, which may make the garden gay from July to frost by planting a week or ten days apart starting in early May.

ELEPHANT'S EAR (Caladium Esculentum)—Known to almost everyone. A number of stems come from a single bulb, growing 4 to 5 feet high, with a single leaf, which often measures 18 inches across. The plant is a beautiful and interesting subject and deserves to be more popular, as it will be as much learned regarding its habits. Pkt., 10c; doz., $1.00.

TIGRIDIA (Shell Flower of Mexico)—Red, spotted yellow and purple. Few flowers are more gorgously colored or so beautiful. Plant in sunny positions in a well drained soil. Put a little sand under each bulb. They bloom from June until frost. Height, 3 feet. Each, 15c; dozen, 90c. $1.50.

ZEPHYRANTHES (Zephyr Lilies) (Rain Lily)—They produce narrow, strap-shaped leaves and funnel-shaped flowers borne erect on slender, hollow stems. The Zephyrants are a beautiful and interesting subjects and deserve to be more popular, as it will be as much learned regarding its habits. Pink, 10c each; $1.10 per dozen.

HYACINHUS CANICANS (Summertime Hyacinth)—20 feet a year, producing tall spires of large, pure white pendent blooms during summer. Height, 4 feet. Each, 15c; dozen, $1.50.

Tuberose Bulbs

SMALL VARIETIES MIXED—Pkt., 5c.
Talk about FLOWERS!

According to law a man can have only one wife, but he can surround himself with BEAUTIES ... in his garden! Failure in gardening is often due to the lack of proper plant nourishment. Vigoro supplies all 11 needed elements in complete, balanced proportions. Vigoro is clean, odorless, sanitary, and very economical to use. Add Vigoro to your seed order.

VIGORO PRICES

100-lb. bag $1.00 50-lb. bag 2.50 25-lb. bag 1.50 10-lb. pkg. .85 5-lb. pkg. .45 1-lb. pkg. .10

F. O. B. Tulsa or Muskogee

Simple Instructions in Planting Perfection Brand Grass Seed

In planting Bermuda or other small grass seeds it is best to have the land thoroughly cleaned and firm before planting. The seeds of grasses are so extremely small as to be able to come up through only a thin layer of soil. The covering of the soil may then be scattered over the land by hand, or by using a small hand seeder, as shown in this catalog. After sowing, a hand rake should be used, which will mix the seeds with the soil so they will be slightly covered, then keep ground wet by thorough sprinkling, until the grass comes up to a sufficient stand.

Most plant experts consider manure more harmful than good for lawns. Large quantities of noxious weed seeds are broadcast in this way, and the lawn is an unsightly mess by simply being applied on the surface and sprinkled. It loosens up heavy soils and pre¬

Don't let spring get too far advanced before reseeding the bare spots in the lawn, and applying plant food. Early morning is the best time to sprinkle the lawn. A thorough wetting is best; it promotes deep, healthy roots in contrast to the shallow root system of grass lightly sprinkled.

Hydrated Lime

An occasional application of Hydrated Lime on the lawn will correct acidity in the soil. Acid soils are usually caused by constant sprinkling and very often in shaded places of the lawn will be found a surface growth of green moss. Hydrated lime will correct this by simply being applied on the surface and sprinkled. It loosens up heavy soils and prevents packing, lodging and cracking. It promotes the normal decay of organic matter in the soil. It requires about one-half as much Hydrated Lime as any other form of lime to produce same results. Price for 10-lb. pkg., 20c each; 40-lb. bags, 45c.

Plant Perfection Brand—Germinating Grass Seeds

PERFECTION BRAND BERME GA GRASS—Bermuda is a Southern grass. It delights in sunshine and warmth. It is very difficult to eradicate when once established. The seed should be planted in the spring. Seed requires 30 to 60 days to germinate. The seeding should not be done too early, as the seed will not germinate if sown before the weather and ground have become warm. Lb., 75c, postpaid.

PERFECTION BRAND BERME GA GRASS—FANCY HULLED—Ordinary Bermuda seed is sometimes very slow to germinate. This year we are offering hulled Bermuda Seed which will germinate in a week or ten days. Do not plant before May as the soil must be warm for the seed to germinate. Price on bulked seed, lb., 1.10, postpaid. Write for quantity prices.

PERFECTION BRAND RYE GRASS—Domestic crown seed. Used as a winter lawn and winter pasture. Planted on Bermuda sod during August or September at the rate of one pound to 100 square feet makes a fine green lawn during the fall, winter and spring, lasting until June. For pastures plant during August or September at the rate of 33 pounds per acre. Lb., 25c, postpaid. Write for prices on larger quantities.

Plant Hormonized Kentucky Blue Grass Seed for Shady Spots

Hormonized Grass Seed makes:
1. Rapid germination. Hormonized Blue Grass germinates in 14 to 18 days against the usual time of 25 to 28 days.
2. Deeper, stronger root growth. This result in better drouth resistance.
3. Better utilization of fertilizer. Most soils need fertilizer, but the first year's application may result in too much growth at the expense of the Hormo¬

Zotox—Crab Grass Killer

Kills crab grass without destroying Lawn Grass. Kills crab grass seed—checks reinfestation. The development of Zotox, a liquid chemical, introduces a new and revolutionary method of Crab Grass con¬

INOCULATE ALL LEGUME SEEDS WITH

NITRAGIN

1898—FORTY-FIVE YEARS OF SERVICE—1943

When ordering, Always state name of seed.

SOYBEANS, LIMA BEANS, COW PEAS, PEANUTS

Small (Inoculates up to 30 lbs. seed) $ .35
Large (Inoculates up to 100 lbs. seed) .50

LESPEDA

Small (Inoculates up to 50 lbs. seed) $ .35
Large (Inoculates up to 100 lbs. seed) .50

SOYBEANS, LIMA BEANS, COW PEAS, PEANUTS

Small (Inoculates up to 120 lbs. seed) $ .30
Large (Inoculates up to 100 lbs. seed) .50

PERENNIAL PLANTS FOR SPRING DELIVERY

During Spring months we will have a stock of the following:

Digitalis or Fox Glove
Hollyhocks Chaters Double
Aquilea or Columbine Long
Squatted
Canterbury Bells
Anthemis Kelways Yellow
Alysum Saponite Compactum
Cherianthus Siberian Wallflower
Hardy Blue Salvia
Pyrethrum Perian Daisy
Dianthus Pluminus
Sweet William
Linum Perennial Flax

Stokesia Cyanea Cornflower
Aster
Rudbeckia Purpurea Coneflower
Shasta Daisy
Correopsis
Gallardia
Hardy Agaratum
Prices quoted on request.

Prices Quoted on Request

PERENNIAL PLANTS FOR SPRING DELIVERY

During Spring months we will have a stock of the following:

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Anthemis Kelways Yellow
Alysum Saponite Compactum
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Stokesia Cyanea Cornflower
Aster
Rudbeckia Purpurea Coneflower
Shasta Daisy
Correopsis
Gallardia
Hardy Agaratum
Prices quoted on request.
Perfection Brand High Tested Farm Seeds

INOCULATE
Alfalfa, All Clovers, Soy Beans, Cow Peas, Vetch, Peas, Peanuts and all other Legumes
See Page 20

Alfalfa
ALFALFA is the most profitable crop by far grown in Kansas, Oklahoma, Texas, New Mexico, Arizona, Colorado, Idaho, Utah, Wyoming and Nebraska. No other crop on a twenty-year average produces nearly as many dollars per acre as does Alfalfa.

Cultivation is very simple, the essentials being well drained soil, at least eight feet to permanent water, shallow planting, thorough harrowing and packing.

PERFECTION BRAND ALFALFA SEED is the highest grade of American grown seed, testing 99.50 per cent pure. Per lb., 45c; 10 lbs., $3.50. Write for special price in quantities.

Soy Beans
Soy Beans are very sweet, growing with from one to six stems or more, branching out from the roots and reaching a height of 1½ to 3½ feet; seldom falling down, except in very rich, loose soil. Soy Beans are a remarkable drouth-resister, and will do comparatively well on thin land; however, they respond very readily to moisture and rich land. Planting should not be done until the weather is warm and after the corn planting.

YELLOW HOP CLOVER—This is an annual white flowering sweet Clover. Owing to the fact that it blooms the first year from seed, it is used quite extensively for bees. It is also used for pasture and hay. Plant at the rate of 15 to 20 pounds per acre. Per lb., 35c, postpaid. Ask for quantity prices.

RED CLOVER—The most important and best known of all clovers, being used for pasture, hay, and enriching the land. For the latter purpose, it is considered the cheapest fertilizer known. Lb., 40c; 10 lbs., $3.00. Ask for special prices in quantities.

KOREAN LESPEDEZA—This variety makes a larger growth than ordinary Japanese Clover. When sown alone broadcast 10 to 15 pounds of hulled seed to the acre. White or yellow, 20c per lb., postpaid. Write for prices when ready to buy.

Sweet Clover
Sweet Clover is a crop that is hardy; defies wet and drouth; never winter kills, and will grow on land that will not produce Alfalfa. Many wet, waxy soils are being farmed unprofitably by other crops that would produce a large crop of Sweet Clover, and furthermore, Sweet Clover will turn that poor land into good soil. For the latter purpose, it is considered the cheapest fertilizer known. Lb., 40c; 10 lbs., $3.00. Ask for special prices in quantities.

Soy Beans
Soy Beans are very erect, growing with from one to six stems or more, branching out from the roots and reaching a height of 1½ to 3½ feet; seldom falling down, except in very rich, loose soil. Soy Beans are a remarkable drouth-resister, and will do comparatively well on thin land; however, they respond very readily to moisture and rich land. Planting should not be done until the weather is warm and after the corn planting.

LAREDO SOY BEANS (Plant 15 pounds per acre)—A very small black bean and recognized as one of the best hay varieties. One of the good features of the Laredo, is that it can be planted earlier than other varieties with the assurance of getting good germination, as the seed will stand more abuse from weather than any other Soy Bean. Laredo is medium early and a good grain yielder; it is bad about shattering and must be harvested when ready or a loss will result. Matures in 120 to 180 days. Yield around 2 tons per acre. Ask for prices when ready to buy.

MACOUPIN—An early yellow variety which has a high oil content. Matures in 110 to 115 days. In eastern Oklahoma last year the harvest started last of August and was completed in early September. This is an ideal variety to plant when you want to follow up with winter grain crops. Ask for prices.

DUNFIELD—A popular variety of oil beans. A little later than the Macoupin, but high in oil content and has proven very satisfactory for Oklahoma. Ask for prices.

VIRGINIA SOY BEANS (Plant 20 pounds per acre)—A small brown seeded variety. Early. Will make hay in 60 to 80 days. Matures in 100 to 120 days. A very good grain yielder, but shatters badly when ripe. Should be harvested for seed while foliage is still on stalk in order to avoid loss. Ask for prices when ready to buy.

PERFECTION BRAND SEEDS—Since 1906
Field or Cow Peas

THE GREAT SOIL IMPROVER—Makes poor land rich; makes good land more productive; also makes a splendid and nutritious green forage or hay crop, enriching the soil even when the crop is cut off. Cow Peas make some of the largest yielding and most nutritious crops grown. There is also no surer or cheaper means of improving and increasing the productiveness of the soil and it is really considered more economical and the best way to cut off the crop of vines and cure them as a forage or hay crop and then turn under the stubble and roots. Even when the crop is cut off, the land is left in very much better mechanical condition and the productiveness very much increased over what it was before the crop was grown.

BLACK-EYED PEAS—A very fine table pea much in demand by market gardeners. Pods are of good size and the peas are crowded in the pod. Lb., 25c postpaid.

NEW ERA—Probably the best sort for the West and North; can be sown after the wheat is taken off the ground and still produce a good crop of forage peas, besides increasing the fertility of the soil for the succeeding crop, and leaving the ground mellow and free from weeds. Ask for prices.

WHIPPPOORWILL PEAS—A favorite in the South generally. A vigorous, healthy grower, yielding an abundant crop of forage and grain. Write for prices.

CREAM CROWDER PEAS—It is not only one of the earliest to mature, but also makes a large and vigorous growth, and is one of the most prolific and best for edible peas, both for home use and market. The size of the pea is large and they are of most delicious flavor when cooked, and preferable for table use to other varieties. This also makes a quantity of vine. Price, lb., 30c postpaid.

BROWN SUGAR CROWDER PEAS—One of the most valuable varieties for table use. Heavy bearers of the finest quality. Lb., 25c postpaid. By freight or express, lb., 20c; 10 lbs., $1.50.

GALLAVANT OR LADY—The peas are small in size, of very fine flavor; superior in qualities to the Black-Eyed Peas. Very prolific. Price per lb., 25c postpaid. By express or freight, lb., 20c; 10 lbs., $1.50.

Sunflower

MAMMOTH RUSSIAN—Produces very large heads, which are completely filled with the striped grains. It succeeds everywhere, and requires very little rain to insure a good crop. It makes a good food for stock and cannot be equalled as a food for poultry. Plant when the ground has become warm at the rate of 22 pounds to the acre. Lb., 35c postpaid; by freight or express, lb., 30c; 10 lbs., $2.00.

MAMMOTH JUMBO—This variety grows to an astonishing size. The plants make compact bushes about 18 inches high, with heavy, erect stalks and large leaves. The giant nuts have thick, heavy-ribbed shells. Lb., 30c postpaid. Write for prices in quantities.

TENNESSEE RED—The finest variety grown. Especially adapted to the black waxy land, as well as the sandy soil. The nuts contain three large kernels in each pod, and are enormously productive. Lb., 20c postpaid.

SPANISH—In addition to their value for growing for nuts, these are very largely used in the South as a forage and fattening crop for hogs and other stock. They are early to mature and when cut off. Cow Peas make one of the largest yields per acre. Lb., 25c postpaid.

Prices

Field Seed prices fluctuate considerably and for this reason we do not quote quantity prices in our catalogue. We issue a field seed price list throughout the planting season with lowest market prices and we will be glad to mail list on request.

Winter Legumes for Fall Planting

Hairy Vetch Hungarian Vetch

Crimson Clover Southern Burr Clover

Austrian Winter Peas

FOR WINTER PASTURE—Plant Winter Rye Grass during September. Rye Grass is the fastest growing grass known. Makes more pasture than Wheat, Rye, Oats or Barley. Lasts up to latter part of June, when if given a chance will rooted itself, starting to grow again when fall rains set in.

RYE GRASS also makes a fine green fall, winter and spring lawn sown on Bermuda sod or as a new lawn. We issue a special circular in August on Winter Legumes and Rye Grass and will be glad to mail copy on request.

Fall Planting

During the fall months we have large stocks of selected high quality Seed Rye, Rye Grass, Crimson Clover, Burr Clover, Seed Wheat, Winter Barley (both seeded and hoseless). We are large dealers in Cow Peas and are in a good position to quote you attractive prices in lots of one bushel to a carload. Write us. If you have Peas to sell, send us a sample, stating quantity you have for offer. Make up and send us your order early.
Perfection Brand Seed Corn

Funk's Hybrid Seed Corn
Missouri and Kansas Grown
Funk's Hybrid Corn has proven highly successful in Oklahoma the past two years. Yields of 190 bushels per acre in test plots in the Choctaw bottoms were made during 1942.

Prices for 1945, regular flat grains:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
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<tbody>
<tr>
<td>Peck</td>
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<tr>
<td>Half Bushel</td>
<td>4.90</td>
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<td>Bushel</td>
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<td>F.O.B. cars Tulsa, subject unsold.</td>
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<table>
<thead>
<tr>
<th>Variety</th>
<th>Per Pk. Per Bu.</th>
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<tr>
<td>Reid's Yellow Dent</td>
<td>$0.90 $2.50</td>
</tr>
<tr>
<td>Silver Mine</td>
<td>$0.90 $2.50</td>
</tr>
<tr>
<td>Red Mexican June</td>
<td>$0.90 $2.50</td>
</tr>
<tr>
<td>White Mexican June</td>
<td>$0.90 $2.50</td>
</tr>
<tr>
<td>Yellow Mexican June Select</td>
<td>$0.90 $2.50</td>
</tr>
<tr>
<td>Southwestern Yellow Dent</td>
<td>$0.90 $2.50</td>
</tr>
</tbody>
</table>

Missouri Hybrid Seed Corn
Developed by the Missouri Experiment Station and grown in Southeastern Missouri. Missouri No. 8 is vigorous, strong stalked and deep rooted. Matures in 105 to 110 days. Large ears, deep grained, yellow in color, not flinty or hard. Produces a splendid percentage two-cared plants under favorable conditions. Missouri No. 8 has proved itself through the years by outstanding yields of high quality corn. Price per peck, $2.25; half bushel, $4.25; bushel, $8.25; F.O.B. Tulsa or Muskogee.

Oklahoma Grown Corn
For main crop. Hand picked, butted and tipped.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per Pk. Per Bu.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tobacco</td>
<td>$0.90 $2.50</td>
</tr>
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Be sure to treat your Corn seed with Semesan Jr. See page 27.

Perfection Brand Saccharine Sorghum

**Japanese Honey Drip Can**
While this variety is grown extensively for syrup, it is an ideal sort for silage, when a large tonnage per acre is desired. Usually grows 10 to 12 feet tall, producing 60 to 100 gallons of fine flavor syrup per acre. Our stock was grown especially for us from high bred seed.

**Early Orange**—Matures a grain crop in 100 to 120 days. It is later than the Amber. Its stalks are heavier and shorter than the Amber. This sort is very valuable for ensilage. One of the heaviest producers of ensilage of the entire sorghum family. Fodder quality.

**Red Top or Sumac**—In our opinion this is the best variety for forage or dry hay. The stalks are much smaller than either of the Amber or Orange varieties. It requires 130 to 150 days to mature a seed crop. We do not recommend this variety for ensilage as strongly as we do the larger stalk varieties, but many of our customers say it makes very excellent ensilage. There is no better quality for forage than the Red Top. It will remain sweet and wholesome until late in May of the year following harvest.

A Single Plant of Rape

**Dwarf Essex Rape**
Sow 5 to 7 pounds per acre. As a healthy fattening food it has no equal. It stands without a rival in point of cheapness and feeding qualities. It is an annual, bearing a close resemblance in leaf and stalk to the rutabaga, but both leaves and stalk are more numerous in the rape plant and of a taller habit of growth. Dwarf Essex Rape thrives best on a good soil rich in vegetable matter. Slough lands are excellent. It is the simplest crop grown. It can be sown anywhere and everywhere at all times after danger of frost has passed. It may be sown in early spring to provide summer pasture for stock. Plow the ground same as for turnips, and sow 3 pounds per acre broadcast. Special prices on large quantities, lb., 35c; postpaid. By freight or express, lb., 20c; 10 lbs., $1.75.

**Buckwheat**
Buckwheat is used mostly for filling fields unplanted after the first of June. The blossoms furnish a large amount of honey for bees. It is well to remember that on worn-out soils the true rounded seeded type that is in demand are excellent. It is the simplest crop grown. It stands with¬out a rival in point of cheapness and feeding qualities. It is the best variety for forage or dry hay. The stalks are much smaller than either of the Amber or Orange varieties. It requires 130 to 150 days to mature a seed crop. We do not recommend this variety for ensilage as strongly as we do the larger stalk varieties, but many of our customers say it makes very excellent ensilage. There is no better quality for forage than the Red Top. It will remain sweet and wholesome until late in May of the year following harvest.

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Perfection Brand Grain Sorghums

Kafir

KAFIR—The uplands of Kansas, Oklahoma, and Texas will give better cash returns when planted to Kafir, because when grown for feed, gives practically the same feeding value as corn. It does not require very much Kafir seed an acre when drilled in rows 34 inches apart. 2 to 4 pounds of seed to the acre is all you will need. If you want to sow the seed broadcast or drill it with a drill for fodder use, 7 to 10 pounds per acre.

DWARF BLACKHULL WHITE KAFIR—Lb., 20c, postpaid.

Hegari

HEGARI—A new grain or forage crop similar to both White Kafir and Feterita. It is more desirable for grain than either, as the best qualities of both have been combined. Feterita shells out pretty badly, and Hegari will not shell. Feterita is soft and pithy, while Hegari is solid and sound and with plenty of bladas. Its dwarf habit of growth, 4 to 5 feet in height, and compact heads of large white grains make it very attractive. Hegari also produces large crops of grain. The stems are rather sweet and horses and cattle eat the stalks, fodder and grain if permitted to do so.

ARIZONA GROWN HEGARI—Registered stock, well retted, high grade of high germination. Per Ib., 20c, postpaid. Ask for quantity prices.

Darso

ATLASSORGO—Has a sturdy, leafy stalk abundantly juicy and sweet. The heads are fairly compact, somewhat cylindrical in shape with short branches filled with white seed similar in size and shape to kafir. Grows to a height of 7 to 10 feet and requires from 120 to 150 days to mature. It is highly drouth resistant.

Milo Maize

COLBY—Is an early, dwarf straight-necked variety that exerts its head well above the leaves. It was developed at the Colby Branch Experiment Station from a cross between Early White Milo and Dow of Yellow Milo. Colby Milo is recommended for a quick maturing variety.

Perfection Brand Poultry Supplies

ASSORTED COLORED CELLULOID LEG BANDS—Dozen, 15c; 50 for 50c; 100 for 75c.

BANDETTES—The best colored Celluloid Leg Bands. Spring clip pattern. Neat and jointless appearance. Double numbers easy to read. 25c per dozen; $1.50 per 100. Packed in boxes. State what size wanted when ordering.

DOUBLE NUMBER PIGEON BANDS—Same style as Economy Double Number. Dozen, 25c; 100, $1.50, postpaid.

Peat Poultry Litter

Vacuum Cleaned—Saves Time, Labor, Money

It is a natural absorbent, capable of taking up and holding four or five times as much moisture as straw, shavings or saw-dust. It is harmless to birds if eaten by them. It provides a resilient cushion over the floor so that birds will not develop bumble foot.

It reduces fire hazard. It requires no breaking up, is easy to spread, and may be left in the poultry house for several months. Peat Moss is one of the best humus or mulch products known to horticulture, and with addition of poultry droppings it becomes a fertilizer of the finest type. Per bale of 11 bushels, $2.15 each; per bale of 22 bushels, $3.50 each. Ask for prices on larger lots.

Glass Pan Fountain

For Mason Jars

Drinking pan heavy molded glass with smooth edge. Mason Jar screws into metal clip and is held firmly in position when clip snaps over outer edge of pan. Jar and clip quickly detached from pan. Ideal for feeding medicated water or buttermilk to chicks. They can't get into the pan and drown. Jar not furnished.

No. 25—Each, 10c
1 dozen, $1.10.

Servall Poultry Litter

A farm product made from sugar cane. Dustless—Odorless—Absorbent—Sanitary—Brilliant—No Dusty Eggs and Fixtures—Keeps Eggs Clean and Salable—Light Color Improves Illumination—Never Any Bure Spots—Does Not Mat or Pile Up. Booklet on request. 100 lb. bale, $2.10 each.

Crystal Glass Chick Founts

Quart jar all-glass Mason pan, 12c each, $1.30 doz.
1 gallon with base, complete, 50c each.
2½ gallon with base, complete, $1.50 each.

Fiberboard Heavy-Duty Feeders

Because of war demands on all metals, it becomes not only necessary but patriotic to find a substitute. Our Fiberboard feeders have a special lip to save feed, cost several times less than metal equipment and are built to prevent roosting.

24-inch, each $ .15
36-inch, each $ .20

Incubator Thermometer

Engraved tube, every fifth line and figure by maker's certificate of accuracy. Each, $1.00.

Incubator Thermometers, 50c each; postpaid, 50c.

Brooder Thermometers, 65c each; postpaid, 75c.
PERFECTION BRAND Pasture Grasses

SUDAN GRASS—The heaviest-yielding, most drought-resistant hay grass ever introduced. Sudan Grass combines all the good features of Johnson Grass and Grasses and Clovers—Since 1906

RYE GRASS—An annual, quick growing grass. Can be planted in the fall or early spring. For lawns use 1 lb. per 100 square feet, for pasture 30 lbs. per acre. With proper amount of moisture. Rye Grass is the fastest growing grass known. lb., 25c, postpaid. Ask for quantity prices.

PERENNIAL RYE GRASS—Certified, Oregon grown. Similar in growth, adaptation and use to the annual Rye Grass, but persists several years. Per lb., 40c, postpaid. Ask for quantity prices.

BLUE GRAMMA GRASS—Blue Gramma perhaps occupies second place as a pasture grass in the western part of the state. It is a factor in many pastures in eastern Oklahoma. Price per pound, 35c, postpaid. Write for quantity prices.

SEASIDE BENT GRASS—(Certified)—It is a creeping variety forming close mat-like sward and is very desirable for putting greens. Does well in moist situation, making a rapid growth of fine texture. Price, lb., $1.10, postpaid.

ORCHARD GRASS—This is one of the most valuable and widely known of all pasture grasses, coming in early in the spring and remaining green later in the fall than any other. It grows about 2½ feet high, producing an immense quantity of leaves and forage. Sow 1½ bushels to an acre, either spring or fall. Lb., 60c postpaid.

MEADOW FESCUE—Commonly called English Chestnut Grass, produces a fairly good sod and withstands pasturing very well. It is grown chiefly in the pest north of the cotton belt. It is best adapted to fertile and moist soils, rather than poor uplands, and does fairly well in the shade. Meadow fescue is used mostly in mixtures, and is valuable for supplying pasture grass during the colder season. When grown alone it is seeded at the rate of 15 pounds per acre.

Lb., 40c, postpaid.

RED TOP—Grows well in all soils, whether sandy, thin, dry lands or rich, wet soils. It is one of the most satisfactory grasses that can be sown; a fine pasture grass and is well suited for lawns. It sends out shoots at the base that take root at every joint, forming a dense thick sod. Sow 10 to 12 pounds to the acre.

Lb., 50c, postpaid.

PECIAL DIRECTIONS ABOUT SOWING

Nearly all grass seeds are very small and will not come up satisfactorily unless put in properly, and again, most planters will not use enough seed to the acre. The soil should be thoroughly prepared by deep breaking and thorough harrowing until a smooth bed is made, and the ground should be settled before sowing. After sowing the seed, very little covering should be given with a brush or harrow that will cover it lightly. If the weather is likely to be dry, the ground should be pressed over the seed, so as to bring the seed in close contact with the soil to hold the moisture until the seeds get a good start.

Sow More Permanent Mixtures of Grasses and Clovers

Write and tell us about your land. We will quote you on your requirements.

The Reliable Gas Brooder

Constituted of the best quality galvanized copper bearing iron, reinforced around the edge with heavy wire. The Reliable Brooders are equipped with baffled plate below the burner, which eliminates the fire hazard, and permits hanging the brooder closer to the floor, throwing the heat further out and over the backs of chicks. This new safety feature means a great saving in fuel and insures a more uniform heat for the chicks. The brooder is also equipped with suspension brackets which permit the easy removal of the burner for cleaning.

New type burners with hot point flame further enhance the efficiency of the burner by using all the heat. The Reliable Gas Thermostat is simple to install on any brooder. It is equally efficient with all kinds of gas. The valve and seat are made of brass, so shaped that they cannot stick and will wear indefinitely. The working parts are protected from damage by a metal cage.

Shipping weight 23 lbs. and 30 lbs. respectively.

Hudson Thermostat Wafers

A compound, solid post wafer that responds instantly to temperature variations. Absolutely accurate and dependable. Fits all standard makes of brooders, both coal and oil type.

Reliable Gas Thermostat

This gas thermostat is simple to install on your brooder, and easy to operate. It is equally efficient with all kinds of gas. The valve and seat are made of brass, so shaped that they cannot stick, and will wear indefinitely. The working parts are protected from damage by a metal cage. Price, each, $1.75.
Miscellaneous Items for the Garden and House

**PLANTCUBATOR**

Is constructed of wood with the following dimensions, 26 1/4 inches long, 15 1/2 inches wide, 7 1/2 inches deep. It has a Vimlite flexible glass cover which opens on hinges. The Plantcubator holds 84 individual collapsible seedling compartments. Each compartment measures 2 x 2 1/2 x 2 inches. When set up and filled with potting soil seeds can be sown directly into each compartment, thereby eliminating much waste of seed. In addition to seed germination the PLANTCUBATOR can be used for rooting cuttings, starting roots and bulbs.

**Price**: $3.00.

---

**Wire Hanging Baskets**

For porch, sun parlor, or anywhere else inside or outside. Just the basket for trailing vines. Attractively finished in green enamel. No. 616—6 inches in diameter. 25c each.

**HANGING BASKET HOOK—10-inch projection. 15c each.**

**SHEET MOSS** dyed green for lining baskets. $1.00 per pound. Requires about one-half pound to a basket.

**Flower Pots and Saucers**

All sizes, 2-inch up to 12-inch. **Ask for prices.**

**WEATHERPROOF METAL PLANT MARKERS**

The slip-over cap seals in and protects your markings. Your writing will not fade out. Made of durable metal finish with baked enamel and washes like a dish. Will last for years.

Face of marker looks up at you. Easy to read. 12 for $1.00; 25 for $2.00; 50 for $7.25, postpaid.

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**Bamboo Plant Stakes**

**Dried Green**

For staking Mums, Dahlias, etc.

<table>
<thead>
<tr>
<th>Size</th>
<th>Per</th>
<th>Per</th>
<th>Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 ft.</td>
<td>1/4 to 3/4 in.</td>
<td>15c</td>
<td>$0.95</td>
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<tr>
<td>4 ft.</td>
<td>1/4 to 3/4 in.</td>
<td>20c</td>
<td>1.00</td>
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<tr>
<td>5 ft.</td>
<td>1/4 to 3/4 in.</td>
<td>25c</td>
<td>1.25</td>
</tr>
</tbody>
</table>

**Prices quoted on request.**

---

**Cypress Plant Tubs**

Cypress tubs are the most durable wood when exposed to dampness and heat. They are hooped with electric welded wire hoops over which wire staples are driven to prevent slipping. Painted green.

<table>
<thead>
<tr>
<th>Inches</th>
<th>Top Diameter</th>
<th>Bottom Diameter</th>
<th>Deep</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 2</td>
<td>12</td>
<td>9</td>
<td>11</td>
</tr>
<tr>
<td>No. 3</td>
<td>14</td>
<td>11</td>
<td>13</td>
</tr>
<tr>
<td>No. 4</td>
<td>16</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td>Price No. 2</td>
<td>$1.00</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>$1.25</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>$1.50</td>
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</tr>
</tbody>
</table>

Complete stock of Standard and Axalen Red Pottery from 2-inch to 5-inch. White Pots from 6-inch to 12-inch. Prices quoted on request.

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**Germáco**

An amazing invention—crop INSURANCE. A revolutionary device that saves farmers much in time, labor and money. Carton of 1,000, $11.00; 5,000 at $9.45 per 1,000. Trial package of 100 with Papier Mache Setter, $1.55 each. Package of 250 with Papier Mache Setter, $3.85 each. Papier Mache Setters, 5c each.

New size HOTKAP Home Garden Package consists of 25 HOTKAPS complete with sturdy cardboard setter for 50c.

---

**How to Grow a Hardy Lawn with One Seeding**

Use BEMIS EROSIONET for new lawns, weak lawns and stubborn terraces. Bemis Erosionet is a strong, economical open-mesh fabric made of tightly twisted, paper twine. When placed over any seeded surface, its 1/4-inch square mesh forms millions of tiny dams which catch and hold the seed and soil firmly in place. Thus, damaging "wash-outs" from heavy rains are effectively checked without cutting off the sunlight.

Erosionet also catches and holds moisture. It helps overcome seed losses and lawn disfigurements from poor germination. Erosionet never presents an unsightly appearance, clovers to a basket.

**BEMIS EROSIONET**

Made From Port Orford Cedar

**Size**

- 2-inch: 80c
- 3-inch: 90c
- 4-inch: 1.00
- 5-inch: 1.25

**Price per 1,000:**

- 2-inch: $4.00
- 3-inch: $4.50
- 4-inch: $5.00
- 5-inch: $7.50

**For trees, pots and gardens.**

**Plant Labels**

Made From Port Orford Cedar

**For trees, pots and gardens.**

**Price per 1,000:**

- Tree Labels, Copper Wired, 3 1/2 in. | 40c | $2.50
- Pot Labels, 11/16 x 4 in. | 35c | 2.25
- Pot Labels, 11/16 x 5 in. | 40c | 2.40
- Garden Labels, 1 in. x 10 in. | 90c | 7.20

---

**THE CYCLONE SEEDER**

Sows all kinds of grain and seeds perfectly—oats, cow peas, millet, etc. Each, 62.25, postpaid.

**THE NEW HANDY PLANT-TIE**

"Twist-ems" are dark green strong tapes with wire reinforcing that make perfect plant ties. Quick, Permanent. Attractive. Convenient. For Nurseries, Estates, and Amateur Gardeners. For Plants, Shrubs, Vines, and arranging of Flowers.

Pkg. of 250, 8-inch size, 45c; box of 250, 6-inch size, 40c; box of 250 16-inch, 75c.

---

**Wayward Vine Guide**

For training and supporting IVY and other vines on brick, stucco, stone and cement walls, without defacing. No nails. No holes.

**For box of 25, 90c, including cement.**

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**Hotkaps**

**Sudbury Soil Test Kits**

New Club Model, $4.75 each. Home Garden Kit, $2.00 each.

---

**Kreme Skin Gloves**

Made from soft and select hides. Semi-styled in design and used for both work and play, gardening, housekeeping, driving, etc. Give full protection with utmost comfort and finger freedom. Also soften the hands. Washable. Ladie's sizes only (small, medium, large). Price, $1.00 a pair.

---

**Cypress Plant Tubs**

Cypress tubs are the most durable wood when exposed to dampness and heat. They are hooped with electric welded wire hoops over which wire staples are driven to prevent slipping. Painted green.

**Prices quoted on request.**

---

**Train-ETTS**

**New Weatherized TRELLIS NETTING**

Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hang with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 39c; No. 2, 60x96 in., 49c; No. 3, 60x180 in., 69c. Postpaid.

---

**Miscellaneous Items for the Garden and House**

**PERFECTION BRAND SEEDS—Since 1906**

[This section contains various advertisements and product offerings related to gardening supplies, such as soil test kits, garden labels, and various gardening tools and accessories, along with prices and descriptions for each item.]
Fertilizers — Disinfectants and Plant Foods

New Improved Ceresan

A low cost disinfectant dust for Wheat, Oats and Barley. Controls certain seed-borne diseases. May be used on flowers, shrubs, trees and vegetables with each bag.

2% Ceresan

A dust disinfectant for Cotton, Millet, Peas and Sorghum. 1-lb. pkg., 75c; 5-lb. pkg., $3.30; 25-lb. pkg., $15.00.

Booklets on Seed Disinfectant mailed on request.

New Improved Ceresan Jr.

For Field and Sweet Seed Corn

The organic mercury dust disinfectant for the control of Diplodia, Gibberella and Basciporina root rots. Also for the prevention of seed rottin of early planted corn. Is quickly and easily applied, is harmless to the seed and does not appreciably slow up the rate of planter drop or prevent accurate planting.

Prices — 7½ oz. pkt., 1½ c.; 1 lb., 75c; 5 lbs., $3.00.

Semesan

For Vegetable and Flower Seeds and Bulbs

The chlorophenol mercury disinfectant for combating many diseases carried on seeds, bulbs, corms, roots, or tubers of flowers, vegetable and nursery crops. Reduces seed rottin and damping-off of seedlings. Applied either as a liquid or as a dust. Used as a liquid treatment for controlling "Brown Patch" and other grass diseases.

Prices — ½ oz. pkt., 10c; 2 oz., 49c; 1 lb., $2.50; 5 lbs., $11.40.

Semesan Jr.

FOR Field and Corn Seed

The organic mercury dip disinfectant for the control of scab and Rhizoctonia carried on seed white potatoes. Quick, easy dip treatment that eliminates labor and loss of time required by 1½ or 2-hour soak treatments. One pound treats from 60 to 80 bushels of seed potatoes at the cost of 1½ to 3 cents per bushel.

Prices — 2 oz. pkg., 30c; 1 lb., $1.65; 5 lbs., $7.15.

Semesan Bel

For White Seed Potatoes

The organic mercury dip disinfectant for the control of scab and Rhizoctonia carried on seed white potatoes. Quick, easy dip treatment that eliminates labor and loss of time required by 1½ or 2-hour soak treatments. One pound treats from 60 to 80 bushels of seed potatoes at the cost of 1½ to 3 cents per bushel.

Prices — 2 oz. pkg., 30c; 1 lb., $1.65; 5 lbs., $7.15.

 Wizard Brand Sheep Manure

A complete soil builder and natural plant food. It is easy to get results with WIZARD because it feeds plants nature's safe way. WIZARD is pure manure, highly concentrated with all weed seeds killed. It supplies all the essential plant food elements in a safe, natural form combined with an abundance of humus. It contains no filler or chemical mixture and is safe to use on all plants.

MSRP: 75c; 5-lb. pkg., $3.30; 25-lb. pkg., $15.00.

ADCQ

(Registered Trade Mark)

Mixed with leaves, cuttings, vines, weeds, straw, corn stalks, etc., ADCO converts them into rich, real manure, sanitary, odorless, and free from weeds. This artificial manure is real manure, not a mere compost. It is fully equal and is safe to use on all plants.

MSRP: 70c; 50-lb. bag, $1.20; 100 lbs., $2.25.

Peat Moss in the Garden

Sells which are not naturally good, because of too much sand or gravel, which lack life and vigor, or are stiff, hard clay, difficult to work, cold and uncongenial, can readily be corrected by the addition of generous quantities of granulated peat moss.

Peat moss is harmless. It will not burn or injure the plants, regardless of the amount used. It is also odorless, pleasant to work with and when used as a mulch, adds to the neatness and attractiveness of the garden.

For lawns, for preparing the soil for garden beds, seed flats, greenhouse benches, for rooting cuttings, as a summer or winter mulch, peat moss is a ready and efficient aid. Truly. Nature's gift to gardeners. Per bale of 6 cubic ft., $2.25; large bale, 12 cubic ft., $3.95 each.

Free Booklet Mailed Upon Request.

Two Great Pest Controls

ANTROL SYRUP for refilling, 4-oz. bottle, 20c each.

ANTROL SYRUP, pint bottles, 50c each.

NOTE—Enough containers and syrup should be purchased to place one container every 15 feet around the house and along ant "trails" in the garden.

2. SNAROL — For snails, cutworms, cutworms, shore crabs, sow bugs, earwigs and other garden pests.

This is a ready prepared meal that you simply broadcast about the garden on the ground under the vegetables. The pests eat this meal and are quickly destroyed. Rain and sprinkling do not lessen the efficiency of Snarol. Also SNAROL is non-injurious to vegetation.

Indorsed by gardeners and nurserymen everywhere for best results.

Prices — 4 lb. pkg., 25c; 2½-lb. pkg., 50c; 6-lb. pkg., $1.90.
Insecticides and Fungicides for Every Purpose

Kill the Peach Tree Borer by Using Santochlor

The borer feeds actively in the fall, spring and late summer, and lies dormant in the winter. It attacks the soft inner bark usually just beneath the ground and sometimes along paths, roadways, borders, gutters, etc., can be kept free from wild grass, vines, etc., by using Santochlor. It is fatal to insects but harmless to man and extends for the control of certain insects on fruit, ornamental trees, shrubs and vines.

Tree Wound Paint

Antiseptic Tree Wound Paint will stop bleeding and prevent infection of pruned or damaged portions of trees and shrubs. It is applied after the bark is cut and forms rather than binds the limb or trunk. "43" forms a waterproof dressing over the wound and checks disease.

"43" for the Tree (Plastic)

A cut or broken limb soon becomes diseased by Using Santochlor. It is fatal to insects but harmless to man. Santochlor penetrates the burrows of the borers, just beneath the ground and sometimes along summer months, and lies dormant in the winter. It attacks the soft inner bark usually highly effective at 1% concentration for red spider control. At this strength it may be used at any time during the summer. Half pint jars, 25c each; pints, 35c each. Ask for quantity prices.

Pomo-Green

(With Noctine)


Hammond's Weed Killer

Destroys weeds, poison ivy and all vegetation. Highly concentrated, stands dilution with 40 parts of water. Paths, roadways, borders, gutters, etc., can be kept free from wild grass, vines, etc., by using Hammond's Weed Killer. It can be used to clean up areas which have become overgrown. A few rains wash the ground clean and it is then ready for cultivation. Quart cans, 50c each; 1 gallon cans, $1.25 each.

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FRUITONE

The Hormone Spray for Stopping Pre-Harvest Apple Drop

With the use of FRUITONE, apples can be held on the tree longer so that they attain a higher color and a better size. 2-oz. cans, $1.00, makes 25 gallons of spray; 12-oz. cans, $5.00, makes 150 gallons of spray.

Dendrol

Dendrol Dormant Spray is a carefully refined, highly specialized soluble (miscible) oil for the specific purpose of killing insects attacking trees and shrubs. Dendrol is easy to use. It pours readily in any weather, mixes easily with any water, covers in a stable, milk white emulsion of uniform density, and has high covering power. Especially recommended as a dormant spray for San Jose and Oyster Shells scale. 1 gallon cans, $1.15. Ask for quantity prices.

KRO—Kills Rats Only

Ready mixed—contains most attractive rat bait known, mixed with red squill powder, overdried under the special "Connable Process." 6-oz. pkg., 35c; 21-oz. pkg., $1.00, postpaid.

B-K Powder

Dairy Bactericide—Poverty Disinfectant

B-K Powder is a fast acting chlorine bactericide containing 50% chlorine in a water soluble base. It is a very economical source of chlorine. B-K Powder solutions are used for cleansing dairy utensils and milk plants to kill bacteria. For poultry it is used as an aid in preventing spread of diseases by contaminated equipment and drinking water. B-K Powder is used as a dry expectorant dust. It is applied by means of a dusting gun over the heads of baby chicks and adult birds infected with colds, simple bronchitis and infectious bronchitis.

Red Cross Rat and Mouse Embalmer

25c and 50c packages. The 50c package is sufficient for 500 square feet of floor space.

FRUITONE

GET IN PLENTY OF INSECT AMMUNITY... YOU WILL NEED IT EARLY AND OFTEN.
**Insecticides and Fungicides—Continued**

**Green Arsenate of Lead**

Now an Arsenate Lead that does not leave a white residue on your plants by being higher in price than the old type. 1 lb. carton, 50c each; 4 lb. bags, $1.00 each.

**SHAWIN-WILLIAMS ROSE-AID**—For dusting roses and all kinds of flowers for control of Mildew, Black Spot and other diseases and leaf eating insects. 1-lb. pkg., 50c.

**Spray Soap**

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used extensively with cyclic oils in making oil emulsions to reduce the surface tension.

Prices: 1 lb., 30c; 5 lbs., $1.25, postage extra.

For peppers, peanuts and nectarines with dry lime sulphur in December and February. This is of great benefit curry-leaves and other fungus.

**ARSENATE OF LEAD**—Well known for its superior adhesive and spreading qualities. A standard remedy for chewing insects of overheads and small fruits, vegetables and tobacco. Kills insects quickly without injury to fruit or foliage.

**Tobacco Dust**—For green and black aphids, beetles, etc. Splendid fertilizer and preventives for insects in the ground and around roots. For insects on plants, apply powder dusted or placed in the soil around plants. For trees, shrubs, vegetables, fruit trees, bushes and vines. This is a dust without injury to the plants.

**PARIS GREEN**—An old reliable brand which results in a quick death to the Potato "Bug." Sugar Beet Web Worm, Tobacco Worm, Cut Worm, Army Worm and Grasshopper.

**Hammond's Slug Shot**—Slug Shot, used from ocean to ocean. A light composite, fine powder, easily distributed by duster, hoppers or in water for spraying. Thoroughly reliable in killing current worms, chicken lice, slugs, sow bugs, beetles, roaches, etc., and it is strongly impregnated with fungicides. Packed in cartons of 1 lb. each with perforated top to dust out. 25c each; 1-lb. pkg., 50c.

**Sow Bug and Cut Worm Bait**—Is highly effective for control of these pests because it contains several materials which constitute that natural food of cut worms and sow bugs along with the killing agent. 8-oz. pkg., 25c; 1-lb. pkg., 50c.

**Cyanogas Dust**—Calcium Cyanide is now well established with rapidly increasing demand. It is the most remarkable insecticide developed in many years. One part of Cyanogas dusted to house insects of all kinds; ants, chinch bugs, fleas, bed bugs and many others. Rats, mice, cockroaches, crickets, ground squirrels, etc. Cyanogas A Dust is a powder and when sprinkled in a rat hole releases a deadly gas. The dust particles travel underground, releasing the gas as they go and the rat has no chance as the gas reaches wherever he runs.

Prices: 1/4-lb. pkg., 45c; 1-lb. pkg., 75c; 5-lb. pkg., 60c.

**Tree Tanglefoot**—A perfect safeguard for trees and vineyards against Gypsy, Brown Tail, and Tussock Moth Caterpillars, Canker Worms, Cut Worms and Ants, and other creeping insects. It will remain exposed to the weather. One pound makes 12 to 15 linear feet of band. On mature fruit trees and all shade trees is applied directly to tree trunks; on young, you cannot go wrong by ordering Black Leaf 40 for sucking insects. Price, oz. (makes six gallons spray), 35c; 2-oz. pkg., $1.00; 2 lbs., $5.25.

**DESTRUOXOL**—An efficient contact and fumigating spray containing cyanide and nicotine. Requires no spreader, mixing readily with water. Harmless to plant life and especially desirable for spraying food crops. Ready made for many uses in the home and garden. Fruits and vegetables can be marketed after spraying without the necessity of washing. Sprayed on the bole of the tree green growth shows an excellent repellent against the nuisance of dogs. 1-oz. bottle, 35c; 4-oz. can, 90c; 8-oz. can, $1.50.

**Super Destruxol Emulsion**—A stable oil emulsion containing free nicotine. Controls insect life by suffocation and penetration as well as by contact. Especially effective against Mealy Bug, Red Spider and Scale, as well as Aphids, Thrips, White Fly, etc. These combined qualities make it a perfect spray for roses and other plants especially susceptible to fungus diseases. 4-oz. bottle, 45c; 8-oz. bottle, 65c; 1-pint bottle, $1.00.

**Kopper-Sol**—A powder combining Pyrethin with Lactic Acid and other materials for the control of chewing INSECTS such as Squash Bugs, Harlequin Bugs, Diabrotica, Beetles, Caterpillars, etc. It can be readily mixed into spray material and thus eliminate chewing insects at time of spraying for other infestations. 1/4-oz. can, 55c; 1-lb. bag, 90c.

**Calsul**—A stable emulsion containing lime and sulphur and oil. Can be used wherever lime and sulphur is desirable, but with finer results. Excellent for a winter clean-up spray, eliminating Scale as well as the overlap of insect life and fungus spores. Successful in the prevention of Curly Leaf on peaches and Blight on shade trees. 1-oz. bottle, 30c; 4-oz. can, 90c; 1-gallon can, $1.65.

**Premer Powder**—A powder combining Pyrethrum with Lactic Acid and other materials for the control of chewing INSECTS such as Squash Bugs, Harlequin Bugs, Diabrotica, Beetles, Caterpillars, etc. It can be readily mixed into spray material and thus eliminate chewing insects at time of spraying for other infestations. 1/4-oz. can, 55c; 1-lb. bag, 90c.

**Debruxol**—A stable emulsion combining lime and sulphur and oil. Can be used wherever lime and sulphur is desirable, but with finer results. Excellent for a winter clean-up spray, eliminating Scale as well as the overlap of insect life and fungus spores. Successful in the prevention of Curly Leaf on peaches and Blight on shade trees. 1-oz. bottle, 30c; 4-oz. can, 90c; 1-gallon can, $1.65.
Sprayers are Necessary to Good Gardening

**New Harco Sprayer**

This brand new, efficient, easy to use Harco Sprayer, plus good liquid insecticide, means quick, certain death to garden-blighting insects and destructive fungus pests. Harco's conveniently-long extension rod quickly sends a penetrating spray right where it is most needed for effective garden control. Price, $2.95 each.

**HAYES-ETTE SPRAYER**

A compact little bantamweight sprayer that efficiently does the work of many larger sprayers. Weighs just a little over a pound, filled.

**GATOR ROACH HIVES**

The Easy, Clean Way to Kill ROACHES, SILVERFISH, WATERBUGS, CRICKETS Gold Leaf Tobacco Powder to 100 lbs. of Lay-Mash. 2-lb. pkg., 25c; 10-lb. pkg., 90c.

**IODINE VERMICIDE**

For Intestinal Worms of Poultry Various species of intestinal worms are present on most poultry farms. Worm infected poultry do not develop as rapidly as they should and the pullets cannot produce eggs economically as those free of parasites.

**CONEKEY'S NOXICIDE**

A Standard Dip—5% Phenol COEFFICIENT

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We also have this in the bulk and where you furnish your own container, price is $1.25 per gallon, or 5-gallon lots for $5.50.

**DON SUNG**

Don Sung (Chinese for egg laying) is a scientific tonic which improves the hen's health, makes her stronger and more active and tones up the egg-laying organs.

Regular size, 50c; large size, $1.00; holds 3 times the 50c size. Special size, $5.60; holds 6 times the $1.00 size.

**SODIUM FLUORIDE**

For Chicken Lice United States Government recommends new chemical. Destroys even young lice as they hatch.

Poultry raisers need guess no longer as to the best method of getting rid of poultry lice. After many tests, the U. S. Department of Agriculture has found Sodium Fluoride superior to any other preparation for this purpose. They say it kills both old and young lice, including unhatched lice present at the time of treatment. Full directions are on every can of the 50c package.

**GOLD LEAF TOBACCO POWDER**

Controls round worms in poultry. Contains not less than 15% nicotine, and requires 2 lbs. Gold Leaf Tobacco Powder to 100 lbs. of Lay-Mash. 2-lb. pkg., 25c; 10-lb. pkg., 90c.

**Foods and Remedies for Poultry and Cattle**

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**Foods and Remedies for Poultry and Cattle**

**Lee's Lique Liquid**

A Double-Barrel Killer—Destroys Lice and Mites

The fumes rising from this preparation kill the body lice. For this reason all poultry must be sprayed twice with a fogger. Two applications of the Killer should be sprayed into all cracks, crevices, joints of walls, roosting places and nest boxes.

Quart cans, 60c; gallons, $1.50, f. o. b. cars.

**Pinejeloct for Pin Worms and Blackheads**

The pin worm is recognized as a serious thing in the spread of Blackhead. For this reason all poults and turkeys should be wormed once a year. Using Pinejeloct. Get our free folder, Pin Worms and Blackheads in Chickens and Turkeys.

12-oz. bottle, 75c.

**Stonemo Granite Poultry Grit**

"Scare as hens' teeth" is an old saying. You have often heard this old adage, but did you ever stop to think how true it really is THAT HENS NEED TEETH? It's true—nature's bill, but nature did provide for the grinding of grit— in the gizzard. Without hard, insoluble granite grit the chicken cannot grind, or chew, its food any better than a toothless person.

There is a great difference in the various chicken grit. The best poultry grit must be hard as flint, rough, so as to grind, or chew, all food consumed. The food as it passes through the gizzard must be ground finely, to be digestible—ground very much like corn grain

 Blossom grit, etc., is ground between flinty stones to make corn meal. A lack of hard, insoluble grit in your grit will cause the chicken to run out of feed— consequently light weight and poor production.

We carry this in three sizes, Chick, Pullet and Hen. 25-lb. bags, 36c; 50-lb. bags, 60c; 100 lbs., $1.00, f.o.b. Tulsa.

STEAMED BONE MEAL—For livestock feeding. 45% Bone Phosphatite of Lime, Lb., 5c; 25 lbs., $1.00; 100 lbs., $3.50.

PILOT BRAND OYSTER SHELL—Chemical analysis, together with the reports from expert poultrymen, show that ordinary grain and green food supplied to the laying hens do not contain enough lime for egg shells.

Crushed oyster shells will supply this lime, if hens do not contain enough lime for egg shells. The best poultry grit must be ground very much like corn grain meal. A lack of hard, insoluble grit in your grit will cause the chicken to run out of feed— consequently light weight and poor production.

**Perfection Brand Poultry Feeds**

All of our Perfection Brand Mashes are now made with Dried Greens-Butter Milk and Fortified D. Oil, Spring Range Grasses for Year Round Feeding.

**HOW DRIED GREENS-BUTTERMILK IS MADE**

By raising grasses (and grass is nature's most perfect food for fowl and animals) in fields of just exactly the right composition. The makers of Dried Greens-Buttermilk, working on this principle, are supplying just exactly the right grasses for the laying hens. The grasses, moreover, are supplied at just exactly the right age at which they have the greatest effectiveness for health—a secret developed by the manufacturer's own research.

Dried Greens-Buttermilk is nature's solution of higher egg production, hatchability, lower mortality and increased weight in market stock. It is rich in Carotene (pro-Vitamin A), Xanthophyll and Chlorophyll, Vitamins B1, C, E, K, Milk Factor, Gizzard Factor and other F. H. O. B. factors not yet identified.

Fortified Oil has a minimum of 400 chick Units Vitamin D and 3,000 Units Vitamin A per gallon.

For best results feed vitamins in their natural form with the young green cereal grasses, which are available to you the farmer. By raising grasses (and grass is nature's most perfect food for fowl and animals) in fields of just exactly the right composition. The soils of just exactly the right composition. The grasses, moreover, are supplied at just exactly the right age at which they have the greatest effectiveness for health—a secret developed by the manufacturer's own research.

**Lee's Gizzard Capsules**

The common poultry worms are all intestinal in action, which means that the parasites must pass through the crop and gizzard before reaching them. Lee's Gizzard Capsules do not dissolve in the crop, but pass on through to the gizzard, where they are crushed, thus releasing the medicine.

At three months of age Chick Size Gizzard Capsules can be used if worm infestation is apparent. All birds between four and five months should be treated with Pullet Size Capsules as a routine worm control measure. In heavy infestations, good treatment with Adult Size Capsules at six months of age is necessary. For hens over one year old, give Adult Size Capsules once in the spring and once during the moult in late summer.

**Prices of Lee's Gizzard Capsules**

<table>
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<tr>
<th>Size</th>
<th>Price</th>
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<tbody>
<tr>
<td>Adult (six months and older)</td>
<td>$0.15, .75, $1.25</td>
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<tr>
<td>Pullet (four to six months)</td>
<td>.10, .50, 1.00</td>
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<tr>
<td>Chick (three to four months)</td>
<td>.10, .40, .75</td>
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**Lee's Germozone**

Marvelous for Poultry

The regular use in the drinking water every other day is a big factor in preventing disease among poultry. 12-oz. bottle, 75c; 32-oz. bottle, $1.50.

**Lee's Flu-Koff Emulsion**

12-oz. bottle, $1.00

Lee's 64-page Book on Poultry Diseases mailed on request.

**Lee's Vapo-Spray**

Treat the Whole Poultry House

Simply spray in the air the henhouse at night. All the birds breathe the vapor of its healing oils. Quart, 75c; 5-gal., $1.25.

**Lee's Pickpaste for Cannaibalis**

It is greenseal and adheres to wounds. It is antiseptic and protects the wounds from dirt. Prices: 4-oz. pkg., 60c; 2-oz. tubes, 25c.

**Carbolineum**

Used for Three Distinct Purposes

1. Preserves wood everywhere against rot and decay and adds at least 100% to the life of fence posts, poles, sills, floors, bridge timbers, etc., made or painted in concrete, etc. On account of its nice brown color it is also a suitable wood preserving stain for shingle roofs, bungalows, cottages, farm buildings, silos, ice houses, boat houses, garages, poultry houses and hog pens.

2. Kills Chicken Mites in poultry houses. Apply once a year. GUARANTEE—We guarantee that one thorough application of Avernarius Carbolineum either by brush or sprayer to the interior walls, dropping boards, roosts, etc., to such buildings as your house, or whatever building you wish to protect will kill all mites in the same building—hereafter for a year.

3. Avernarius Carbolineum assures positive protection for wood against the ravages of TermiteS, White Ants, and all other destructive vermin. Avernarius Carbolineum spreads quickly and effectively. A little goes a long way. It is not costly and a very small investment will give complete protection against all common cleaning and no matter whether they are of wood, tar paper, or plaster, will exterminate mites in the same building.

**Bee Supplies**

LEWIS BEEWARE

DADANT FOUNDATION

The Standard of the Bee Keeping World. We carry a complete line in stock and will be glad to mail catalogue on request.

**Perfection Brand Seeds**

For raising grasses (and grass is nature's most perfect food for fowl and animals) in fields of just exactly the right composition. The soils of just exactly the right composition. The grasses, moreover, are supplied at just exactly the right age at which they have the greatest effectiveness for health—a secret developed by the manufacturer's own research.

**Perfection Brand Turkey Starter.**

Fortified Oil has a minimum of 400 chick Units Vitamin D and 3,000 Units Vitamin A per gallon.

For best results feed vitamins in their natural form with the young green cereal grasses, which are available to you the farmer. By raising grasses (and grass is nature's most perfect food for fowl and animals) in fields of just exactly the right composition. The soils of just exactly the right composition. The grasses, moreover, are supplied at just exactly the right age at which they have the greatest effectiveness for health—a secret developed by the manufacturer's own research.

**Lee's Tonax**

A TONIC AND APETIZER FOR CHICKENS AND TURKEYS

Tonax has been formulated to aid some of the problems of growth and early maturity. In laying flocks its purpose is to help create a basic for healthy egg production, not to push eggs out of pullets unable to stand the strain.

Prices: 12-oz. pkg., $ .30; 25-oz. pkg., $ .75; 6-lb. pkg., $ 2.00.
**Supply Department**

**Perfect Food**

**Cereal Dog Food**

For Dogs, All Breeds, and Puppies, All Ages

**THE COMPLETE FOOD**

Perfect Food are scientifically made to combine the best ingredients in the proper proportion for the health of your dog. They are made to build up the vitality of a run-down dog to develop strong and bony-pedigreed puppies—a wonderful muscle builder—and containing all the vitamins and nutritional food values to properly nourish and satisfy either the house dog or field trial champion. Perfect Food is made of the following ingredients: Beef Meal, Dehydrated Meat, Bone Meal, Wheat, Corn Rice and Bran, Soy Bean Flakes, Wheat Germ, Yeast, Cod Liver Oil, Powdered Milk, Reip Meal, Barley Malt, Iodized Salt, Molasses, Charcoal and Spring and Durum Wheat Flour. Contains Vitamins A, B, C, D, E and G. Perfect Dog Food is made in two forms.

**PERFECTION MEAT CEREAL** is served with water, milk or gravy. 5-lb. bag, 50c; 10-lb. bag, 85c; 25-lb. bag, $1.75; 100-lb. bag, $5.90.

**PERFECTION MEAT CEREAL CUBES**—Ready to serve. In feeding these cubes, it is necessary for the dog to chew them, thus stimulating salivary secretions and aiding digestion. The chewing also keeps the teeth clean and the gums in good condition. 5-lb. pkg., 55c; 10-lb. pkg., 100-lb. bag, 85c; 25-lb. pkg., 55c; 100-lb. bag, $5.90.

**Conkey's Y-O Dog Ration**

In Cube Form

Rich in A, B, D, E, and G Vitamins

Its rich, appetizing flavors satisfy and nourish dogs regardless of breed or environment. Conkey's is rich in high quality proteins, minerals and vitamins, 1 lb., 10c; 10 lbs., 85c; 100 lbs., $6.59.

**Pulvex**

A Lice and Flea Powder

Some small animal owners, particularly those owning dogs, cats and poultry, prefer to dust them to get rid of lice and fleas rather than wash or dip them. In such cases we recommend Pulvex, a non-poisonous, odorless product, which is sure death to lice and fleas. Price; 2-oz. can, 50c; 8-oz. can, 50c; 1-lb. can, 85c; 5-lb. can, $3.90.

**One-Spot Flea Powder**

Put a little ONE-SPOT into your dog's dry coat anywhere on his back once a week. This is the last word in Flea Insurance. 1 1/4-oz. pkg., 25c; 3/4-oz. pkg., 50c, postpaid.

**Dixie Dog-Dyp**

Made from Pine Oil. A flea killer, skin bracer, deodorizer and cleanser. Use 50 parts water to 1 part Dixie Dog-Dyp. Pint cans, 50c each; quart cans, 80c each; 1 gallon cans, $2.25, postage extra.

**California Gopher Trap**

The most successful Gopher Trap on the market. Price 35c each.

**Nuts and Seeds**

**Supercedar Kennel Bedding**

Keep your dog's bed free of fleas. A pleasant deodorant and natural enemy of fleas, lice, mites and moths. Supercedar Kennel Bedding is made from Tennessee Aromatic Red Cedar, the heart wood of which contains the valuable oil of cedar. Supercedar Kennel Bedding is produced 90% or more of red heart wood, scientifically dried, and none of the valuable oil has been removed. Price, 5-lb. bag, 50c; 25-lb. bag, $1.50; 50-lb. bag, $2.50.
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<tr>
<th>SKIPPER'S CHECK</th>
<th>QUAN.</th>
<th>PACKED</th>
<th>DESCRIPTION</th>
<th>COST</th>
<th>WEIGHT</th>
<th>PRICE</th>
<th>SALESMEN MUST NOT USE THIS COLUMN</th>
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**NOTICE:** We give no warranty, either express or implied, as to purity, quality, productiveness or any other matter of seeds we sell, and will not be responsible for the crop. All sales made by us on above conditions only. M. S. C. Co.
For Great Masses of Color, Plant Perfection Brand Gladioli, Dahlias and Cannas

**Gladioli**

Plant in the spring when all danger of frost is over. Plant bulbs four to eight inches apart in the row and from three inches deep in heavy soil, to five inches deep in lighter, sandy soil; the deeper planting will keep the plants from falling over at blooming time. Keep soil well worked; keep soil crust from forming in the rows after rains or other watering. Our bulbs are grown in Oregon, where the soil and climate are especially adapted to producing strong, healthy bulbs.

**PLANT OUR OREGON GROWN GLADIOLUS BULBS. THEY ARE CLEAN AND SOUND, FREE FROM DISEASE AND SURE TO BLOOM. ALL NO. 1 BULBS—LARGE SIZE.**

**ALLEMANIA**—Giant blood red.

**AMBERGLOW**—This is the deepest yellow. Glad and unlike so many is a very good cut flower.

**ARABELLA**—Largest dark red. Somewhat darker than Moorish King and larger in flower and spike.

**BIT O'HEAVEN**—Is the truest orange variety and opens more flowers than any of this shade.

**CAMELLIA**—Is a pretty blush white with a small red throat blotch. The florets are cup shaped and well arranged on 20 bud spikes.

**GATE OF HEAVEN**—A wonderfully strong, pure yellow variety. Color very rich yellow and the florets, which are well spared, are beautifully ruffled, large and of good substance.

**JOHN S. BACH**—This gladiolus is an exquisite very early flowering exhibition variety. Color fine orange salmon, somewhat lighter in throat. Strong grower.

**KEWPIE**—Is a true miniature with only one inch blooms of clear scarlet with a buff line around the petal edge. It is liked by everyone because it is so different but really attractive.

**KING ARTHUR**—Is a very ruffled deep lavender without any other marking.

**MAX REGER**—Has proven the best in a medium shade of violet blue.

**MILFORD**—Tall, light blue with seven or more good sized blooms open. This is considered to be about the best light blue so far produced.

**MOORISH KING**—Color a very dark mahogany-maroon with velvety sheen. Long, strong stems carrying many florets. A splendid variety.

**NEW ERA**—Purest pink gold.

**PICARDY**—Many florets of delicate apricot pink open at one time. Winner of many prizes.

**RED LORY**—A beautiful shade of scarlet and a good cut flower.

**RED PIPPIE**—Scarlet.

**STAR OF BETHLEHEM**—A pure white gladiolus which, in its color class, is probably the largest and best variety in existence. Color snow white with tinge of cream on the lower petals. Long stems.

**VAGABOND PRINCE**—Bronze red, orange blotch.

**ALL THE ABOVE VARIETIES, 90c dozen, postpaid. Ask for quantity prices.**

**MIXED GLADIOLUS BULBS**—All No. 1 size, and a good mixture with a great range of colors. 40c per dozen, $2.75 per 100, postpaid.

**Perfection Brand Cannas**

Our stock is first-class in every respect. We handle enormous quantities of Canna Bulbs and can offer at the following attractive prices:

**CITY OF PORTLAND**—Salmon pink. Large flowers, height four feet. Foliage green. Each, 10c; doz., .75c; 100, $1.50, postpaid.

**DOROTHY S.**—Dwarf, large salmon red flower and a very prolific bloomer. Green foliage. Stands up under drouth conditions better than any other sort. Per dozen, 90c, postpaid.

**PRESIDENT**—Four feet. One of the most popular reds. Flowers are rich, glowing scarlet of immense size. Green leaves. Strong grower. Each, 10c; doz., .65c; 100, $1.00, postpaid.

**YELLOW KING HUMBERT**—½-foot. Foliage, very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red. An orchid flowering sport of the well-known King Humbert. Each, 10c; doz., .85c; 100, $3.00, postpaid.

**MIXED COLORS**—Each, 10c; doz., .50c; 100, $3.50, postpaid.

**See Flower Seed Section for Other Spring Flowering Bulbs**

**Jersey Beacon**

**Perfection Brand Exceptional Dahlias**

**STRAIGHT FIELD GROWN DIVISIONS**

**DECORATIVE**—This is the large open faced type with broad, usually flat petals to which class we owe so many of our finest Dahlias and Cannas.

**JEAN KERR**—Pure white, fine cut flow¬
er, 25c each, postpaid.

**JERSEY'S BEAUTY**—A perfect bloom of garden pink, best pink Dahlia to date. 25c each, postpaid.

**STARBRIGHT**—Large golden yellow. 25c each, postpaid.

**PRIDE OF CALIFORNIA**—Red. 25c each, postpaid.

**PURPLE MANITOU**—Purple. 30c each, postpaid.

**AVALON**—Deep Canary-yellow. 30c each, postpaid.

**FASHION**—Orange and buff.

**PEPIN**—Dark crimson.

**ROSE WILMOTH**—Bright pink. All 30c each; $3.00 doz., postpaid.

**Monmouth Champion**—Outstanding giant flower of deep scarlet, immense in size and free flowering on the best of stems. 30c each, postpaid.

**MONMOUTH CHAMPION**—Outstanding giant flower of deep scarlet, immense in size and free flowering on the best of stems. 30c each, postpaid.
New Morning Glory
Pearly Gates

Pearly Gates was the winner of the Silver Medal awarded by the All-America flower selections committee for the season 1942. It is a vigorous growing Morning Glory and is literally covered with big satiny white blooms and is identical in size and foliage with our big Heavenly Blue (see Vines in seed section). It is truly a grand champion. Per pkt., 25c, postpaid.

Here is a Patriotic Planting Suggestion

Plant a generous amount of Pearly Gates along with our Heavenly Blue and Scarlett O’Hara Morning Glories and you will have a most beautiful effect of RED, WHITE and BLUE. A patriotic design most desired these days.