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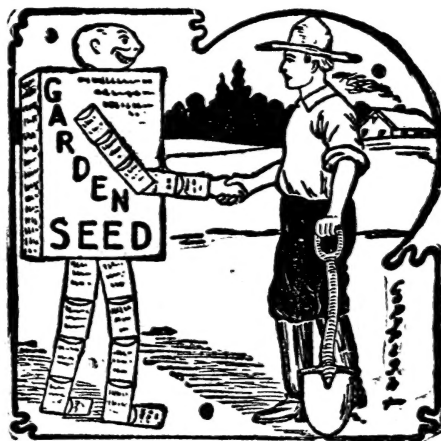
1911

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HARVEY'S

Descriptive Catalog of

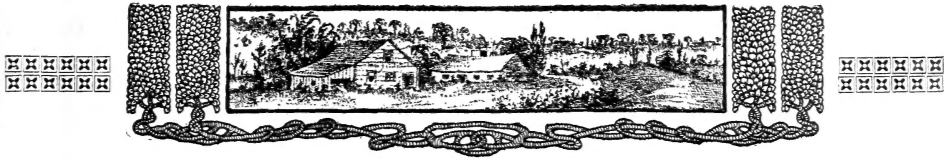
SEEDS



The Harvey Seed Co.
 15 Monroe Street
 Montgomery - - - Alabama

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TO THE MERCHANT: WE HAVE A COMPLETE UP TO DATE SEED STORE, AND CAN SUPPLY YOUR EVERY WANT. IF YOUR NAME IS NOT ON OUR BOOKS AND WE ARE NOT SHIPPING YOU, WE WOULD LIKE TO QUOTE YOU PRICES. OUR WHOLESALE DEPARTMENT SUPPLIES GREAT QUANTITIES OF PAPER SEED, SEED POTATOES, PEAS, BEANS, ONION SETS, SEED CORN, ETC., THROUGHOUT THE ENTIRE SOUTH. WRITE FOR PRICES AND SAMPLES. WE HAVE A GILT EDGE OFFER ON PAPER SEED "SPECIAL" TO MERCHANTS.

TO THE FARMERS: WRITE US FOR WHAT YOU WANT IN THE SEED LINE. IF YOU ARE INTERESTED IN ANY THING IN THE SEED LINE, WRITE US FOR PRICES AND SAMPLES. REMEMBER WE HAVE EVERY THING THAT IS PLANTED. WE BUY IN QUANTITY LOTS AND CAN SELL YOU "QUALITY SEED" VERY CLOSE.

Mail Orders Promptly Filled



WE KEEP a complete line of seeds, that are planted in this section and best adapted to our soils. We fill all orders promptly, large or small and rush out at once.

WRITE YOUR NAME AND ADDRESS PLAINLY WITH YOUR POST OFFICE BOX OR ROUTE NUMBER. This saves time and trouble.

WE SHIP C. O. D. WHEN REFERENCE IS NOT GIVEN. It is better to send cash with your order, as it saves you money and us time.

As we ship all over the Southern States, we advise you always to write plainly. WE DO NOT UNDER ANY CIRCUMSTANCES SHIP ON APPROVAL.

HARVEY SEED COMPANY,
15 MONROE AVE. P. O. Box 577, Montgomery, Ala.

Monthly Calendar of Operations for the Market Gardener or Farmer. When and What to Plant.

This Calendar is given to aid the amateur or beginner. It should be borne in mind that these recommendations apply mainly to the latitude of Montgomery, Ala., and ought to be varied according to locality.

January—Now is the time to sow such seed as Tomato, Egg Plant, Cabbage, Kohl Rabi, Cauliflower, in hot beds or cold frames for plants; Potatoes may be planted, as well as extra early Peas and Onion Sets; a good time to work and fertilize your land.

February—Plant Potatoes, Peas, Beets, Onion Sets, Salsify, Carrots, Celery, Egg Plant, Cabbage, Lettuce, Tomato, Radish, Early Corn, etc. In fact all the hardy things should be planted. Snap Beans may be planted in some localities; a good time to sow Grass Seed, Oats, etc.

March—A very busy month with every one, especially the private and home gardener, while the professional or market gardener has most all of his stuff planted. Most anything may now be planted, such as Melons, Beans, Cucumbers, Turnips, Mustard, Collards, etc. Grass Seed may still be successfully planted. Bed your Sweet Potatoes.

April—Time to plant Field Corn; in fact, all kinds of field crops, such as Millet, Sorghum, Cotton, Peas, Melons, Squashes, Pumpkins, Stock Beets, Jerusalem Artichokes, etc. A good time to put out Asparagus Roots.

May—Time to plant Pole Beans, Limas, Okra, and all other things that have been overlooked. This month should be mostly occupied in planting successions of most all vegetables.

June—Not much is planted this month except for late use. The wise gardener, however, makes a succession of plantings of most everything. Cabbage, Collards, Beets and Ruta Bagas are largely planted this month for late use.

July—If you have not sown Turnips you should do so at once. Sow Winter Cabbage, Collards, Spinach, Kale and other winter green crops should be planted. Fall crops of Irish Potatoes should now be planted. Late crops of Early Corn have plenty time to make roasting ears.

August—This is the great Turnip planting month, and the proper time to plant most all vegetables for fall use, such as Spinach, Kale, Winter Radishes, Mustard, Turnips, Lettuce, Snap Beans, Early Peas, Winter Cabbage, etc. Potatoes for spring seed are often planted this late with success.

September—Continue to plant such things as will have time to mature before frost—Winter Radish, Kale, Spinach, Mustard, Turnips, Lettuce, etc., are not affected by the cold nights in October, and will do well. Now getting time to sow fall grain, such as Turf Oats, Clover, Rye, Barley, Grass Seed, etc.

October—Continue to plant Spinach, Winter Turnips, etc., and by all means think about the subject of sowing something for winter pasture.

November—Plant Onion Sets, Clovers, Grasses and Grain.

December—If you wish to be early, this month is the proper time to sow Cabbage, Cauliflower, Tomato and Egg Plants for early settings.

BEANS

BURPEE'S STRINGLESS GREEN POD.

The introducer describes as follows:

It combines unusual hardiness, *extreme earliness*, and wonderful productiveness with pods of handsome appearance and finest quality. Extra early plantings may be made to produce the earliest crop, and even with later plantings BURPEE'S "STRINGLESS" is always the *quickest to produce pods*.

By repeated planting fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall. Combined with extra hardiness and early maturity, the pods are the finest in quality, of a rich green, very round and straight, five inches long, solidly meaty and broad—deeply saddle backed, caused by the rounded swell of the fleshy sides. The pods are tender, brittle and of finest flavor, always *entirely stringless*, even when fully matured. Packet, 10c; pint, 25c; quart, 40c, postpaid.

HOPKINS' IMPROVED VALENTINE.

This is one of the best strains of Valentine Beans ever offered. It matures quickly, and is of the very best quality. Early, productive, tender and desirable for family or market use. This strain has proven unequalled, and our customers who want the very best Valentine on the market should get this one. We have a choice lot this year. Pods saddlebacked, 4 inches long; even when grown, are brittle. Generally grown for early market. Per packet, 10c; half pint, 15c; pint, 25c; quart, 40c, postpaid.

Early Mohawk—The first early; very prolific; pods long and flat; of excellent quality when young; grows tough with age; seed large, mottled with brown. Pt., 15c; qt., 25c. By mail, postpaid, pt., 25c; qt., 40c.

Extra Early Refugee—Qualities and characteristics same as the well known Refugee, but two weeks earlier in podding; pods round and tender; seed small drab with purple markings. Pt., 15c; qt., 25c. By mail, postpaid, pt., 25c; qt., 40c.

Longfellow—Extremely long, round podded variety; early and stringless; seed similar to Valentine, but nearer brown in color; very prolific and a good shipper. Pt., 15c; qt., 25c; pk., \$1.50; bu., \$5.00. By mail, postpaid, pt., 25c; qt., 40c.

GIANT STRINGLESS GREEN POD. This bean has a much larger and handsomer pod than the Valentine, and without any strings. It is distinct from "Burpee's Stringless," as the Giant Stringless has a much larger pod. The Giant Stringless is very early and prolific. Pods one-third larger than Valentine (averaging five inches in length), full and fleshy, extremely crisp and absolutely stringless. Packet, 10c; pint, 25c; quart, 45c; postage paid.

NEW BOUNTIFUL. A new green-pod Bush Bean, which comes into bearing very early and continues almost throughout the season. Pods beautiful rich green, very thick, broad, long and uniform; meaty, tender, fine quality; absolutely stringless; good shell bean for winter use. A splendid market variety. Packet, 10c; pint, 25c; quart, 45c; postage paid.

LONG YELLOW SIX WEEKS. One of the best varieties. The beans, when cooked retain their green color, are of good flavor, and bear profusely. market variety. Packet, 10c; pint, 25c; quart, 45c; postage paid.

WRITE FOR QUANTITY PRICES.

Plant Mitchell Water Melons for Home Use

WAX BEANS

We sell these at 10 cents for large packet; 25 cents pint; 45 cents quart, postpaid. Write for prices in quantity.

IMPROVED GOLDEN WAX. This variety possesses all the good qualities of the Golden Wax, but is larger in pod and much more prolific. Excellent quality, tender, melting flavor at all stages of growth.

VALENTINE WAX. An improved extra early Valentine bean, with wax pods. The pods are very meaty and almost stringless. Specially recommended on account of both quality and productiveness.

DAVIS KIDNEY WAX. One of the very best Wax Beans, producing long, flat, stringless and brittle, waxy pods. One of the earliest large Wax Beans grown.

CURRY'S RUST PROOF WAX. This is, as its name implies, a rust-proof variety; pods long, flat, tender and of fine quality. It is early, productive and a desirable variety.

EARLY DWARF GERMAN WAX. One of the finest of Snap-shorts, entirely stringless, and fully as early as the Valentine; one of the best market varieties. The bean, when ripe, is black.

LIMA OR BUTTER BEANS

BURPEE'S BUSH LIMA. This is the bush form of the large white Lima Bean. The bushes grow from 18 to 20 inches high, and produce very large beans, identical in size and flavor with the large white Lima Beans. Packet, 5c; pint, 25c; quart, 40c, postpaid.

EXTRA LARGE LIMA, OR BUTTER. The most buttery and delicious bean grown. With nearly every one the seeds, either green or ripe, of this variety, are considered the most tender and delicious of all the bean family, and profitable both for market and family use. Packet, 5c; pint, 30c; quart, 50c, postpaid.

HENDERSON'S BUSH LIMA. Grows without the aid of stakes, in compact bush form, about 15 to 18 inches high, and produces enormous crops of delicious Lima Beans. Comes into bearing earlier than the climbing varieties and continues until frost. Packet, 5c; pint, 25c; quart, 40c.

SMALL WHITE LIMA, CAROLINA, or SIEVA. Very early and productive, with small, smooth, dark green leaves and small, white kidney-shaped beans; quality very fine. Packet, 5c; pint, 30c; quart, 50c.

OUR LEADER

Plant Harvey's Shoe Peg Seed Corn. The best for this section. Write for samples and prices

BEANS, Pole or Running

Texas Prolific, Old Homestead Kentucky Wonder

Several years' careful tests convinces us that these three names all belong to the same bean, and henceforth we shall catalogue them as such. It is undoubtedly the most profitable pole green snap bean that can be grown, when planted from the middle of April to the middle of August. Vines grow off rapidly, become very rank, and would reach a height of 20 feet if properly supported. Commences bearing in 50 to 60 days, and if closely picked, will continue to frost. Pods are round, green, and grow 6 to 12 inches long. They are well rounded out, meaty, tender, and stringless. Immensely prolific, a peck measure full often being picked from a single vine, our illustration giving you a good idea of its productiveness. If you have never grown it, try it this year. You will be pleased with it. Here in the South with our long seasons, a pole bean like this is very profitable. Look out in buying seed of this variety, however. Hundreds of bushels of the short, tough, "shucky" Southern Prolific have been sold under this name in recent years, and are being offered this year. The appearance of the seed is almost identical. We have the true and genuine stock which will please you. Packet, 10 cents; $\frac{1}{2}$ pint, 20 cents; pint, 30 cents; quart, 50 cents, postpaid.

RED SPECKLED CUT SHORT, OR CORN FIELD BEAN. This is a popular variety and largely in demand for planting among corn. It will give a splendid crop without the use of poles. The vine is medium, twining loosely. The pods resemble the bush Valentine bean, and are tender and of good quality. Seed white with reddish brown dots.

Packet, 10c; pint, 25c; quart, 40c, postpaid.

WHITE CREASEBACK. A popular pole bean known in some sections as the Fat Horse Bean. It is especially desirable as a snap short, the pods being a beautiful light green color, about six inches long, stringless, perfectly round, with a crease in the back. The bean is early and of most excellent quality. Packet, 10c; pint, 25c; quart, 40c, postpaid.

SOUTHERN PROLIFIC. A good Southern variety and very prolific; pale green pods of medium length; of medium vine growth; leaves large; fruiting in clusters of five to eight pods; excellent quality when young; seed small, oblong, varying in color from light to dark brown. Pt., 15c; qt., 25c; pk., \$1.50; bu., \$5.50. By mail, postpaid, pt., 25c; qt., 40c.

GOLDEN CLUSTER. Produces beautiful yellow pods 6 to 8 inches long, in clusters of 4 to 6. Pods retain their tenderness and plumpness long after the beans have formed. Commences to bear ten days later than the earliest dwarf wax beans and yields until frost. Packet, 10c; pint, 30c; quart, 50c, postpaid.

TALL GERMAN BLACK WAX. One of the best varieties for snap, or shelled in the green state. Packet, 10c; pint, 30c; quart, 50c, postpaid.

LAZY WIFE. A late variety, but of excellent quality; fruits borne in clusters; pods average six inches in length; very fine flavor; round and stringless; seed large, round and clear white; a fine variety for use dry. By mail, postpaid, pt., 30c; qt., 50c.

WRITE FOR QUANTITY PRICES.

The Watson and Augusta, Ga. Rattlesnake Melons are the best melons to plant for shipping to Northern markets.

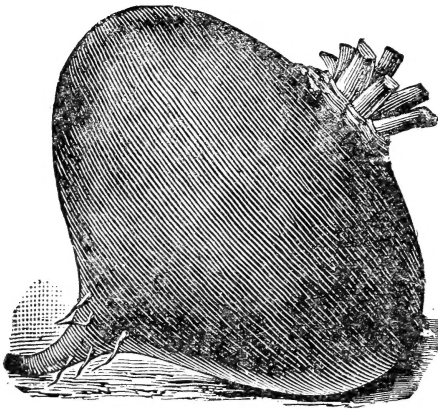
BRUSSELS SPROUTS

A variety of cabbage producing small heads or knobs along the stem. Very popular in some markets.

Culture—Much the same as cabbage. Excessive stem growth should be avoided by planting in good but not extra rich soil. Sow seed in April in the open ground, and set in rows 3 feet apart, 18 inches apart in row.

IMPROVED BRUSSELS SPROUTS. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 25c. Sowing in June will produce a late autumn crop of sprouts. Break leaves from stem to aid formation of heads. One ounce of seed yields 4,500 plants.

BEETS



EGYPTIAN BEET.

Best suited to rather light soil, thoroughly enriched with manure. One ounce to 50 feet or drill.

FARLY BASSANO, OR SUGAR. An excellent early variety, of fine flavor, tender and juicy. The flesh boils light color. When sown late it makes a splendid winter beet. Packet, 5c; $\frac{1}{2}$ lb., 15c; lb., 50c.

EARLY DARK RED FLAT EGYPTIAN. Earliest dark red beet in cultivation. Its color is a fine dark red and shaped like an early flat turnip. Packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 50c. Mail, 10c extra.

EARLY BLOOD TURNIP. Good for summer or winter; flesh dark red color; a standard round variety, with small top; very tender. Packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 50c. 10c lb. extra.

EARLY ECLIPSE. Larger than the Egyptian, nearly as early, of much finer quality, globe-shaped, dark crimson color; it is excelled by none. Packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 50c.

A Selection from that old market bee, Early Egyptian, which retains the earliness of the parent stock, and has added thickness, giving it a more desirable shape. It is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. A very desirable sort for small beets for early market, as it is in presentable market shape quicker than any variety. It is a very rapid grower, and can be sown outside as late as July.

HALF-LONG BLOOD RED. Roots are smooth, half-long and very dark. We know of no better; best for private gardens as a succession to the turnip variety. Packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 50c.

IMPROVED LONG DARK BLOOD RED. An old standard variety, used for both table and cattle. Packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 50c.

CARROTS

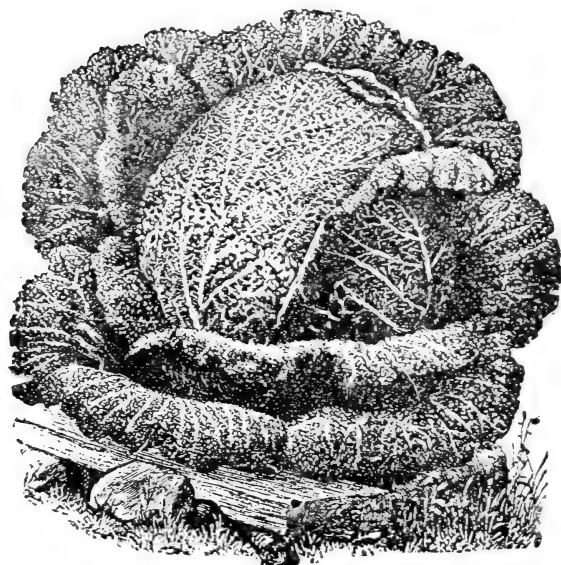
A light, sandy loam, well manured the first year, best suits the carrot. For early crop sow as early as ground can be worked, in hills 12 inches apart, and thin to five or six inches in a row. For main crop sow from middle of May until 1st of July. As carrots are slow to germinate, all precautions must be taken.

EARLY SCARLET HORN. The favorite early red summer variety; fine grained and good flavor. Packet, 5c; $\frac{1}{4}$ lb., 25c.

DANVER'S HALF-LONG. In form it is midway between the Scarlet Horn and Long Orange, of a rich dark, orange color, and grows very smooth. Packet, 5c; $\frac{1}{4}$ lb., 25c.

IMPROVED LONG ORANGE. A standard late variety; deep orange color; good flavor; yields heavily. It is an excellent table variety, and highly nutritious for stock, increasing flow of milk and improving the quality. Packet, 5c; $\frac{1}{4}$ lb., 25c; lb., 75c.

CABBAGE



LOUISVILLE CABBAGE.

We make a specialty of furnishing our customers the very best selected seed stock that can be obtained. Our seed are grown from SELECT heads, and are of such excellence that we regard them as unsurpassed by any.

With proper soil and cultivation, no disappointment will come to those who sow our seed. The purchase of cheap cabbage seed is the poorest investment in the world; the failure can never be known until an entire season's labor and outlay are lost.

Culture. For early summer crop sow seed in February; in April and May for second early, and July and August for main crop. When spring crop is wanted, seed should be sown in November and protected

through the winter. In transplanting set the stem down to the first leaf. Soil should be deep, rich and given a good coating of barnyard manure. Cultivate deep and often. One ounce of seed will produce 3,000 plants.

SELECT VERY EARLY JERSEY WAKEFIELD. The most widely cul-

tivated of the early cabbages; grown extensively by market gardeners and considered one of the best and most profitable sorts. It is very early, a reliable header and of finest quality. Papers, 5c; ounce, 20c; 4 ounces, 75c.

LARGE EARLY, or CHARLESTON WAKEFIELD. In this new sort we have a combination of earliness, uniformity, size and solidity. It retains all the characteristics of the early Jersey Wakefield. It is a little later in maturing, but attains a much larger size, heads having been grown the past season weighing 13 and 14 pounds. Packet, 5c; ounce, 25c; $\frac{1}{4}$ pound, 75c.

LOUISVILLE EARLY DRUMHEAD. This is a flat-headed cabbage of a very uniform and desirable strain, being early, large and reliable. Very highly esteemed for its ability to resist heat; it never flags under the severest sun, and produces very fine, large heads, after the earliest sorts have passed away. Papers, 5c; ounce, 25c; 4 ounces, 60c; pound, \$1.75, postpaid.

BEST EARLY FLAT DUTCH. This may be designated as a summer cabbage and fills a gap that might otherwise be unproductive. Closely resembles the late variety in shape. Papers, 5c; ounce, 20c; 4 ounces, 60c; pound, \$1.75, postpaid.

ALL HEAD EARLY. A fine, early sort, resembling the Sure Head in shape, and possessing many of its fine qualities. The heads are large, very uniform, remarkably tender, and although quite early, makes an excellent winter sort. Packet, 5c; ounce, 20c; $\frac{1}{4}$ pound, 60c; pound, \$2.00, postpaid.

EARLY WINNINGSTADT. A fine and tender variety; good for early or late. Desirable for private gardens. Packet, 5c; ounce, 20c; 4 ounces, 60c; pound, \$2.00, postpaid.

EARLY SUMMER (Selected Stock). This is a very popular second early variety, forming large, solid, compact heads of excellent quality. Having few outside leaves, may be planted closely. Packet, 5c; ounce, 20c; 4 ounces, 60c; pound, \$1.75, postpaid.

LARGE EARLY YORK. A very hardy variety. Packet, 5c; ounce, 15c; 4 ounces, 50c; pound, \$1.50, postpaid.

SUREHEAD (True Stock). We have our seed from the originator; no one can offer finer stock. As its name indicates, it is a sure header and an extremely popular variety. It is claimed by many that 1,000 plants will produce 999 heads. Large size, very uniform and firm, and do not burst after heading. The heads are of great thickness, making it a capital variety to carry through the winter. For an all purpose cabbage it stands without an equal. Packet, 5c; ounce, 20c; 4 ounces, 60c; pound, \$1.75, postpaid.

AUTUMN KING OR WORLD BEATER. This is an extremely large and solid heading variety, well suited for fall and winter. The plant is of extra strong growth, with an abundance of dark bluish-green leaves growing closely about the large flattened heads. In good soil it will produce heads of enormous size, but, of course, requires a longer season for growth than do the earlier and smaller varieties. With us, seed sown the first of June will produce very fine heads in time to put away for the winter.

Packet, 10c; ounce, 25c; quarter pound, 75c; pound, \$2.50, postpaid.

NOW IS THE TIME TO BUY AN INCUBATOR. WE ARE AGENTS FOR THE FAMOUS "CYPHER'S INCUBATOR CO." AND KEEP A COMPLETE STOCK AT ALL TIMES. WE SAVE YOU THE FREIGHT FROM THE FACTORY TO THIS POINT. WRITE FOR PRICES.

ALL SEASONS. Does well at all seasons and is sure to make a crop. Resists a greater amount of frost than any other and is unflagging under highest temperature. Packet, 5c; ounce, 20c; 4 ounces, 60c; pound, \$2.00, postpaid.

IMPROVED LARGE LATE FLAT DUTCH. As a variety for winter market, it has no superior. Heads large, round, broad and flat on top. One of the best varieties for keeping. Packet, 5c; ounce, 20c; 4 ounces, 60c; pound, \$1.75, postpaid.

DRUMHEAD SAVOY. A favorite, and the largest headed Savoy; very fine flavor. Packet, 5c; ounce, 20c; 4 ounces, 60c; pound, \$1.75, postpaid.

EARLY SPRING. This is the earliest flat-headed variety. Very stocky growth; leaves thick and light green color. This variety is solid enough to cut nearly as early as Jersey Wakefield. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.75, postpaid.

IMPROVED LARGE LATE DRUMHEAD. This is one of the old standard late maturing variety, large, solid, always reliable as a header, and noted for its excellent quality. Packet, 5c; ounce, 20c; 4 ounces, 60c; pound, \$1.75, postpaid.

GREEN GLAZED. For late sowing; glossy green leaves; not so liable to insect attacks, and especially adapted for hot climates. Packet, 5c; ounce, 15c; 4 ounces, 40c; pound, \$1.50, postpaid.

EARLY LARGE YORK. For very early sowing; an old English variety; heads small and slightly heart shaped; rather dwarf; can be planted closely—8 inches in row. Packet, 5c; ounce, 15c; 4 ounces, 40c; pound, \$1.50, postpaid.

CAULIFLOWER

This should receive similar treatment to Cabbage, except that it requires an occasional application of liquid manure and frequent watering. When heading, tie the top leaves together to protect from sun.

HENDERSON'S SNOWBALL. Large, white, firm heads, very close and excellent quality. It is extra early and always certain to head; is equally good for early and late planting. Paper, 10c; 3 for 25c.

CELERY

For early transplanting, sow in May or June. Later crops should be sown in August or September. Transplant in rows 3 or 4 feet apart and 6 inches in row. Soil should be highly manured and moist or near water.

WHITE PLUME. A yellow sort; easily bleached; one of the best. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

GOLDEN SELF-BLEACHING. The finest of all yellow sorts; early; solid; the favorite market variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

PLANT "HARVEY'S SHOE FEP CORN, THE BEST WEEVIL PROOF.

CORN, Sweet or Sugar

Price, one pint, 20c; one quart, 35c; postpaid.

EARLY MAMMOTH SUGAR. An early variety, bearing long ears. Stalks short and slender. Early in maturing for so large an ear, showy and highly recommended. Try it.

COUNTRY GENTLEMAN. A short stalked, productive sort, frequently producing 3 ears to the stalk; grain narrow and very deep. Highly recommended.

ADAMS' EARLY. This is not a sweet corn, but is a tender, white corn for the table. It can be planted earlier than any sweet corn, and will be ready in 60 days.

STOWELL'S EVERGREEN. Extensively grown all over the country, and highly esteemed for its fine quality. Write for quantity prices.

POPCORN

MAMMOTH WHITE RICE. The finest variety grown; early, very productive, sweet, crisp and beautiful snow white color when popped. Packet, 10c; ½ pound, 20c; pound, 30c, postpaid. Write for quantity prices.

COLLARDS

Extensively grown for "greens," being an *early and sure crop*, affording an abundance of food for man and beast. Cultivate same as cabbage.

GEORGIA WHITE COLLARD. Very rare and very choice. The plant produces center leaves generally perfectly white, though sometimes dashed with pink. In quality it is *much more delicious* than the ordinary variety and cannot be *too highly recommended* as a garden vegetable of the first quality. Packages, 5c; 4 ounces, 25c; per pound, 75c, postpaid.

LONG BLUE STEM. Paper, 5c; ounce, 10c; 4 ounces, 25c; pound, 75c.

CUCUMBERS

IMPROVED EARLY WHITE SPINE. The favorite market variety, extensively used for shipping north early in the season; medium to large size, deep green, crisp, fine flavor and very productive.

EARLY FRAME. A good variety for pickling and table use, of medium size.

BOSTON PICKLING, or GREEN PROLIFIC. Its characteristics are its uniform growth, hardly ever yielding cucumbers too large for pickline, and its immense productiveness.

EARLY GREEN CLUSTER. A short, prickly variety, bearing clusters; prolific; fine for bottle pickles.

IMPROVED LONG GREEN. This is a well known variety. The fruits grow from 12 to 16 inches long, and it is well known by every one that this variety cannot be surpassed for pickling, and when ripe it is the best for sweet pickles. The vines grow strong and the fruit is always produced in great abundance, making it one of the most productive varieties in cultivation. All varieties packet, 5c; ¼ lb., 25c; pound, 75c, postpaid.

WE HAVE ALL KINDS OF FERTILIZERS. WRITE FOR PRICES.

EGG PLANT



This is a very tender plant and the seed require the strongest heat to germinate. Sow in hot bed, and when plants are 2 or 3 inches high and the weather has become warm and settled, transplant, giving them a deep, rich soil, and full exposure to the sun.

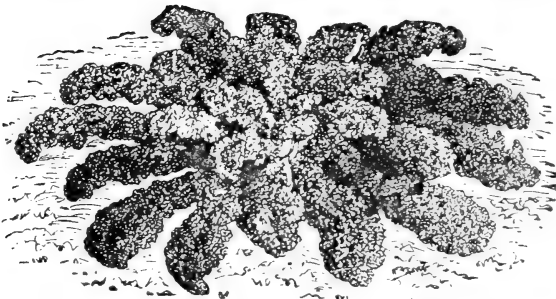
NEW YORK IMPROVED. This is the leading market variety everywhere. Plants robust leaves and stems thickly set with spines. Paper, 5c; ounce, 25c.

KOHL RABI

Plant and treat same as cabbage.

WHITE VIENNA. Short leaves, bulb light green, very rapid in growth. Packet, 5c; ounce, 20c.

KALE or BORECOLE



The kales are more hardy than cabbage and make excellent greens for winter and spring. Plant the same as cabbage.

DWARF GERMAN KALE, OR GREENS. Packet, 5c; $\frac{1}{4}$ pound, 25c; pound, 65c.

TALL SCOTCH CURLED. Packet, 5c; $\frac{1}{4}$ pound, 25c; pound, 65c.

LEEK

This vegetable is highly prized for soups, the flavor being more delicate and better than the onion. Cultivate same as celery.

LARGE LONDON, OR FLAG. Is very fine and delicate. It grows to a good size and is wonderfully uniform. Packet, 5c; ounce, 15c.

LETTUCE

This thrives best in rich, moist ground. For the principal early crop sow seed in fall and protect through winter, same as for early cabbage. For

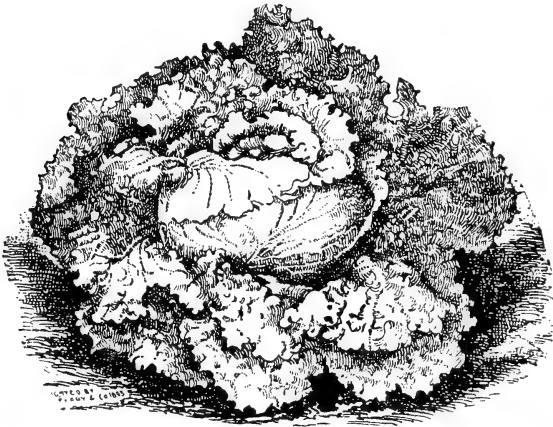
THE LIFE SAVER OF THE FARMER. WHEN YOUR LOW LANDS HAVE BEEN DROWNED OUT TIME AFTER TIME AND YOU HAVE LOST A SEASON, WHAT ARE YOU GOING TO DO? PLANT "ST. CHARLES" SEED CORN, YOU CAN PLANT AS LATE AS JULY AND MAKE A GOOD CROP OF CORN.

successive crops seed may be sown as early as spring opens, continuing until August.

BIG BOSTON LETTUCE. This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but is double the size. The "Big Boston" will please market gardeners, as it always produces large, solid, saleable heads, and it will commend itself to amateurs because it heads up well at all seasons and is crisp and tender. Packet, 10c; 3 for 25c; ounce, 15c; 4 ounces, 50c; lb., \$1.00, postpaid.

GRAND RAPIDS. This variety is especially adapted to greenhouses or forcing in frames, and is generally recognized as the standard of forcing lettuce. The plant is upright, forms a loose head of large, green leaves, crimped at the edges, not liable to rot, and stands some days after ready to cut. Splendid for market, shipping, or family use, either indoors or outdoors. Packet, 5c; ounce, 15c; $\frac{1}{4}$ pound, 35c; pound, \$1.00, postpaid.

EARLY PRIZE HEAD. One of the best sorts for the South; stands the hot sun well; does not shoot up to seed; the leaves are tinged with bronze, making it a showy and saleable variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.



HANSON LETTUCE.

HANSON. Heads green, with white heart, large size, crisp and tender. Packet, 5c; ounce, 10c; 4 ounces, 25c; lb., 75c, postpaid.

EARLY WHITE CABBAGE. A broad-leaved, vigorous, heading sort, white, showy, and desirable variety. Packet, 5c; ounce, 10c; 4 ounces, 25c; lb., 75c, postpaid.

EARLY CURLED SILICIAN. Early loose heads, curled, tender and of fine flavor. Packet, 5c; ounce, 10c; 4 ounces, 25c; lb., 75c, postpaid.

WATERMELONS

BLACK SEEDED SIMPSON. A decided improvement over the ordinary Simpson; does not form a head, stands the summer heat well, and attains a very large size; one of the very best varieties. Packet, 5c; ounce, 10c; 4 ounces, 30c.

MITCHELL MELON. The favorite of Central Alabama. The sweetest melon grown. Making a very large, dark green round melon. Will not stand shipping. It cannot be excelled for home use. "Quality Extra Fine" and very productive. 1 lb., \$2.00.... $\frac{1}{2}$ lb., \$1.00; ounce, 30c.

This is the variety that made Georgia famous as a melon growing State. No place in the world produces such melons as the Rattlesnake grown in certain sections of Georgia. No one has such pure seed of the famous variety as ourselves. It is simply perfection. Every seed of it is taken from melons weighing 30 pounds or over and 60 to 70-pound melons are nothing unusual in our crops. If you have been buying seed of "Georgia Rattlesnake" as usually sold you don't know how good the Rattlesnake melon is. The melons grown from our seed of this are so fine that they can not fail to give you entire satisfaction. We consider "Augusta Rattlesnake" the best second early melon that is. Plant some of it this year. Packet, 10c; ounce, 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25, postpaid. 10 pound lots or over, not prepaid, \$1.00 per pound.

DUKE JONES. A superb Southern variety originating in North Florida. It's of good quality and a most popular melon. Has thin, tough, dark green rind; bright red flesh and light colored seed. Eating quality good. Slightly oblong shape and very thick through; very regular in shape and size. Makes fine appearance. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid: 10 pounds, not prepaid, \$5.00.

BLACK DIAMOND. One enthusiastic melon grower wrote us that Black Diamond was "The Best Watermelon in the world." It's early, prolific and a vigorous grower. Melons very regular, almost round in shape, dark, glossy green color. Good for eating, market or shipment. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid. 10 pounds, not prepaid, \$5.00.

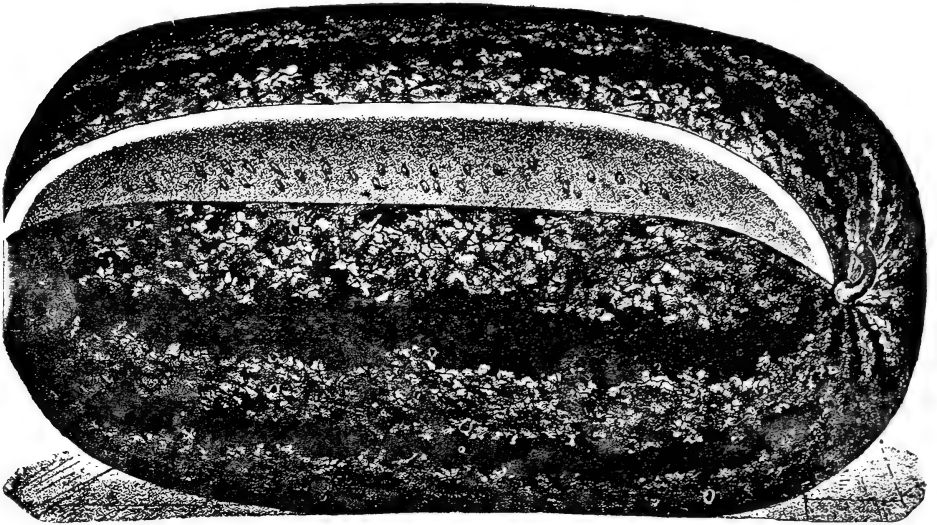
TRIUMPH. Has given almost universal satisfaction for shipping and market purposes. The rind is dark green color, with indistinct stripe; flesh deep crimson, ripening up evenly and of very fine quality. The largest of all melons—have weighed 120 pounds; late; ripens about July 10. Packet, 10c; 4 ounces, 30c; pound, 90c.

KLECKLEY'S SWEET. Vine vigorous and productive; fruit of medium size, oval; color, mottled green in two shades, forming indistinct stripes. Flesh bright red, very sweet and tender. It is without doubt the sweetest of all Watermelons. The rind is very thin and will not stand shipping. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 75c.

ALABAMA SWEET WATERMELON. This very desirable variety is annually becoming more popular in localities where melons are grown for shipping; its large size, beautiful form and delicious flavor commands a very much higher price in the market than any other variety. Form oblong, color dark rich green, with light green stripes, flesh bright scarlet and quality unsurpassed. Per oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 75c.

FLORIDA FAVORITE. This is claimed to be a cross of the Pierson and Rattlesnake. It is of oblong shape, large size, rind dark, with light green stripes, flesh light crimson; very crisp and deliciously sweet, seed light creamy white color; one of the earliest and best melons grown. Price, ounce, 10c; 4 ounces, 25c; pound, 75c.

TRUE GEORGIA RATTLESNAKE. This is truly the "Georgia Watermelon," and the well known variety with which this State has made so much reputation in the Northern and Western markets, and is immensely popular. Large size, oblong shape, of light green color, beautifully striped with a lighter shade, rind thin and very solid, flesh scarlet, sweet and delicious. Better stock than we offer cannot be obtained at any price. Ounce, 10c; 4 ounces, 35c; $\frac{1}{2}$ pound, 60c; pound, \$1.00.



THE WATSON. A new variety; becomes very popular wherever tried and especially with shippers. It is an oblong, solid, dark green melon of large size, red flesh, very tender and delicious. It is the best melon yet offered for shipping and very desirable for home use. You would make no mistake in planting. Ounce, 10c; 4 ounces, 35c; 1 pound, \$1.25, postpaid.

MUSTARD

A pungent salad, largely grown for greens, and makes a popular dish. Sow in fall, winter or spring in rows, 12 inches apart, and thin out moderately when 4 inches high.

WHITE LONDON. Papers, 5c; oz., 10c; pound, 30c.

SOUTHERN CURLED MUSTARD. The favorite and adapted to our climate and soil. Ounce, 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

OSTRICH PLUME CURLED. This is a fine curly variety; very ornamental in appearance; producing large, beautifully curled leaves. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

CHINESE MUSTARD. A fine, large, thick-leaf variety, very hardy and of excelent flavor. Pkt., 5 c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

CANTELOUPES OR MUSKMELONS

PAUL ROSE. The Paul Rose is a cross of the Osage with Netted Gem. It possesses the fine netting of the Gem and averages about the same size; but owing to the great thickness of its beautiful salmon-colored flesh, will weigh at least one-third more than a Netted Gem of the same size. The size is much more convenient for packing in baskets than the Osage, while as a shipper and long keeper it surpasses all other red fleshed melons. In Chicago and other Western cities, where there is a good demand for the red or salmon-fleshed varieties, the Paul Rose sells at double the price of other sorts. Select seed, packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 35c; pound, \$1.00, postpaid.

ALFALFA CANNOT BE EXCELLED FOR A FORAGE CROP. IT IS THE BEST INVESTMENT A FARMER CAN MAKE. PLANT YOUR LIME LANDS IN ALFALFA SEED.

NETTED, OR GOLDEN GEM. Very prolific, and early in ripening, no variety being earlier. They grow remarkably uniform, weighing from 1¼ to 1½ pounds each. They are thick meated, the flesh is light green in color and uniformly of fine luscious flavor; skin green, regularly ribbed and thickly netted. It is today more largely grown for market than any other variety. Ounce, 10c; 4 ounces, 25c; pound, 75c.

PROLIFIC NUTMEG. A splendid early and productive melon, of a roundish-oval form, deep green flesh and thickly netted. One of our earliest and most delicious sorts, and one that is sure to give the best results. Packet, 5c; ounce, 10c; ½ pound, 25c; pound, 75c.

ROCKY FORD. A variety extensively grown in Colorado and shipped to various Eastern points. The reason for the widespread popularity of these melons is two-fold. First, its superb table qualities, being firm, sweet and remarkably solid. Second, its wonderful shipping qualities, which enable it to be carried to great distances and yet arrive in a first-class condition for market. The fruit is of medium size, oval shaped, heavily netted and very solid. The flesh is green, thick and juicy. It is very early and wonderfully productive. Ounce, 10c; 4 ounces, 25c; pound, 75c.

EMERALD GEM. One of the best and most delicious melons on our list. It resembles the Osage in color of flesh and delicacy of flavor, differing only in shape, being flatter on top. The flesh is very thick and of a beautiful salmon color and ripens to the skin. Ounce, 10c; ¼ lb., 25c; lb., 75c.

ACME. The best melon for table use. All who have tried it demand it. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

THE PRINCESS. This is a remarkably handsome melon of large size and thick flesh; when opened, of rich salmon color; flavor sweet and luscious. They are very productive, often producing six to eight perfect melons on a single vine. Ounce, 10c; 4 ounces, 35c; pound, \$1.00.

EXTRA EARLY HACKENSACK. By careful selection this strain has been improved and is at least ten days earlier than the Hackensack. The melons weigh from 4 to 10 pounds each, have a light green flesh, delicious flavor. Ounce, 10c; 4 ounces, 25c; pound, 75c.

MONTREAL MARKET. A very popular variety of large size, frequently weighing 20 pounds. In shape, almost round; flesh green and very thick. Packet, 5c; ounce, 10c; 4 ounces, 25c; pound, 75c.

ONION SEED

The onion thrives best in rather deep, rich, loamy soil, and, unlike most vegetables, succeeds when cultivated on same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn and laid up in trenches during winter to pulverize. As early in spring as ground is in working order, sow thinly in drills about a quarter of an inch deep. Cover with fine soil and press down with back of spade or light roller. When young plants are strong enough, thin gradually, so they will stand four or five inches apart, keep ground open and free from weeds. If sets are wanted, plants should be left thicker in drills. The seed we offer are grown from selected bulbs, and are sure to give satisfactory results.

WE ARE HEADQUARTERS FOR ONION SETS: WE BUY IN LARGE QUANTITIES AND CAN AFFORD TO SELL VERY CLOSE. OWING TO MARKET FLUCTUATIONS WE DO NOT QUOTE ONION SETS IN THIS CATALOGUE. WRITE FOR PRICES. WE SELL IN QUANTITY LOTS AND CAN SUPPLY YOU IN ANY QUANTITY.

YELLOW GLOBE DANVERS. A globe-shaped variety; one of the best yielders and a splendid keeper. We recommend it as one of the best varieties for growing sets. Packet, 5c; ounce, 15c; 4 ounces, 60c; pound, \$2.00.

PRIZE TAKER. This new variety is, without exception, the largest and most handsome sort grown. It is the large, beautiful onion that is seen on sale every fall at the fruit stores and stands in the large cities. The outside skin is of a rich yellow, straw color, while the flesh is white, sweet, mild and tender. Packet, 5c; ounce, 15c; 4 ounces, 60c; pound, \$2.00.

MAMMOTH SILVER KING. This is the largest of the White Italian Onions, and attains an enormous size in one season from seed. It is of mild flavor, attractive in appearance and a good keeper. Packet, 5c; oz., 20c; 4 ounces, 65c; lb., \$2.00.

SILVER SKIN, OR WHITE. Very early, mild flavor; skin silvery white, highly esteemed for pickling when young. This is the variety from which white onion sets are grown; will also produce nice onions from seed. Packet, 5c; ounce, 20c; 4 ounces, 60c; pound, \$2.00.

LARGE RED WETHERSFIELD. The leading variety for growing full sized onions from the seed the first season. Large size and a good keeper. Packet, 5c; ounce, 15c; 4 ounces, 60c; lb., \$2.00.

PARSNIP

Should receive the same treatment as Parsley.

LARGE SUGAR, OR HOLLOW CROWN. The best variety; roots long, very smooth, white, tender, sugary and of excellent flavor. Papers, 5c; oz., 10c; ¼ lb., 25c.

OKRA



WHITE VELVET OKRA.

This vegetable is extensively grown in every Southern State. The long pods, when young, are used in soups, stews, etc., and considered highly nutritious. Sow in drills, 3 feet apart, after danger of frost is over, and thin out to 2 feet in a row.

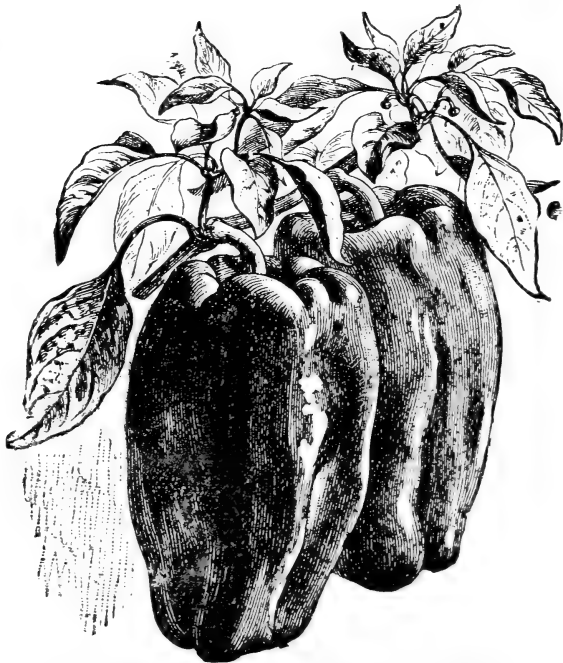
DWARF. Very early and productive. Packet, 5c; ounce, 10c; 4 ounces, 20c; pound, 50c.

LONG GREEN POD. Produces pods 10 inches long when matured, very slim and of intensely green color. Packet, 5c; ounce, 10c; 4 ounces, 20c; pound, 50c.

WHITE VELVET OKRA. The pods are round and smooth, are never prickly to the touch, and are produced in great abundance. It is remarkably white and of the finest quality. Packet, 5c; ounce, 10c; 4 ounces, 20c; pound, 50c.

PEPPER

Sow early in spring in hot beds, if possible, and transplant to the open ground when the weather is favorable, or sow in drills in warm, mellow soil, late in spring, and then thin out to stand 15 to 18 inches apart in drills.



BELL OR BULL NOSE PEPPER.

RUBY KING. An exceedingly large and handsome pepper, of mild flavor. The fruits are of a bright ruby red, from 4½ to 6 inches long by 10 to 12 inches in circumference. It can be sliced for salad or eaten with salt and vinegar like tomatoes and cucumbers. Packet, 10c; ounce, 20c; ¼ lb., 65c.

PARSLEY

Used for seasoning soups, meats, etc. Succeeds best in mellow, rich soil. Sow thick, early in April, rows 1 foot apart and cover ½ inch deep; thin plants to stand 6 inches apart. The seed being very slow of germination, should be soaked a few hours in warm water or sprout in damp earth, and sow when it swells or bursts.

PLAIN PARSLEY. An extra fine seller. Pkt., 5c; oz., 15c, postpaid.

CURLED, OR DOUBLED. A select stock, very beautifully curled and doubled. Packet, 5c; ounce, 15c.

PEAS

Sow seed in drills 3 feet apart for dwarf sort, and 4 feet for tall, or in double drills 8 inches apart, 1 inch in drill and not less than 4 inches deep, or for late sorts 6 or 8 inches, since deep planting prevents mildew and prolongs the season. We sell varieties uniform price of 10c per packet; 20c per pint; 25c per quart, postpaid. Write for special prices on large lots.



LITTLE GEM PEAS.

named (except Gradus) at the

pint; 25c per quart, postpaid.

EARLY SUNRISE. This variety is a heavy cropper, producing pods of good size which are well filled with round, smooth peas of fine flavor. This, and its extreme earliness, makes it a favorite with both the trucker and private gardener. Does not require stakes. 10c. pt.; qt., 20c, postpaid, 15c. qt.

McCLEAN'S LITTLE GEM. A green, wrinkled variety which comes in a few days later than the Early Sunrise. Grows 15 to 18 inches high. It is very prolific and of excellent flavor. 10c. pt.; qt., 20c.

AMERICAN WONDER. This variety stands unrivaled in point of flavor and quality. It is dwarf and robust in habit, growing from 10 to 15 inches in height, according to the soil. 10c. pt.; qt., 20c.

EXTRA EARLY OR FIRST AND BEST. An early and prolific variety. This has given the best results wherever grown and is the standard for earliness and quality; grows 2 feet high. 10c. pt.; qt., 20c.

ALASKA. A splendid extra early sort, which contains the beautiful dark green color of the pods a long time after picking. This, together with the earliness and uniformity of ripening, makes it a most desirable market gardeners' and canners' sort. 10c. pt.; qt., 20c.

CHAMPION OF ENGLAND. This is by general consent acknowledged to be the best of the late varieties. The pods and peas are of the largest size. Height of vine, 5 feet. 10c. pt.; qt., 20c.

LARGE WHITE MARROWFAT. One of the largest varieties in cultivation. Height, 5 feet. 10c. pt.; qt., 20c.

NOTT'S EXCELSIOR. Pods fully one-third larger than American Wonder, containing six to eight large sweet peas. 10c. pt.; qt., 20c.

BLACK-EYED MARROWFAT. An old standard market variety. Not so sweet as the wrinkled peas but more hardy.

EUGENIA, OR ALLIANCE. It is of an exceedingly delicious flavor, very sugary and sweet. It bears for a long time, making it a very profitable variety. Pt., 15c; qt., 25c; pk., \$1.25; bu., \$4.50. By mail, postpaid, pt., 25c; qt., 40c.

RADISHES

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities, they must make a quick and tender growth; heavy or clayey soils not only delay their growth, but produce a much inferior crop in appearance and flavor.

EXTRA EARLEY ERFURT TURNIP. This is most desirable as an extra early, and is particularly fine for forcing purposes; flesh crisp, solid and very mild; has a very small top. Packet, 5c; ounce, 10c; 4 ounces, 25c.

EARLY SCARLET TURNIP. A small, early red turnip variety, of quick growth and good quality. Packet, 5c; ounce, 10c; 4 ounces, 25c.

EARLY SCARLET GLOBE. One of the handsomest and best of all extra early radishes. The root is regularly olive-shaped, very even and smooth skin, of a rich dark carmine color. The foliage is short, stiff and extremely small. Packet, 5c; ounce, 10c; 4 ounces, 25c.

FRENCH BREAKFAST. A popular variety of rapid growth. It is half long, the upper part being scarlet and the lower part tipped with white. Packet, 5c; ounce, 10c; 4 ounces, 25c.

IMPROVED CHARTIER. A distinct variety of quick growth. In color, the greater portion of root is pink, while the point and bottom portions are

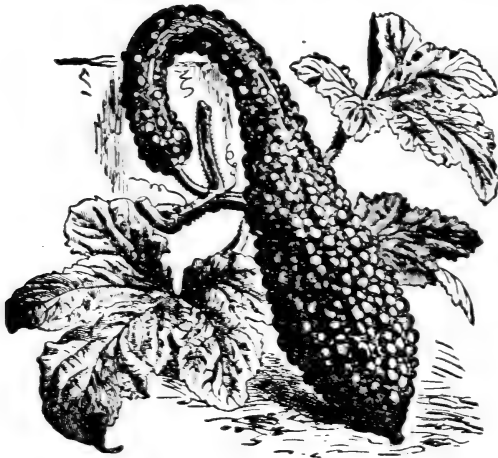
white. In quality it is unsurpassed, being very tender and remaining so for a longer period than most summer sorts. Packet, 5c; ounce, 10c; 4 ounces, 25c.

CHINESE ROSE WINTER. A bright, rose-colored winter variety of excellent quality; certainly one of the best and would be more generally grown if better known. Packet, 5c; ounce, 10c; 4 ounces, 25c.

EARLY LONG SCARLET (SHORT TOP.) This is a fine selection of the long, slender scarlet radishes so generally seen in the spring. It is very early, crips and fine flavored. Our stock is the very best. Packet, 5c; oz., 10c; 4 ozs., 25c.

NEW CINCINNATI MARKET RADISH. The tops are so very small that the radishes may stand touching each other in the rows. One grower says that the tops are too small to "pull by," and also that he never thins this variety like he would other kinds, which quickly run up to seed if left standing too thickly in the row. They grow perfectly straight and smooth, and from 6 to 7 inches in length. Their attractive, glossy, scarlet colored skin is very thin, and the flesh crisp and brittle, and of delightful, pungent flavor; it has a clear, waxy, transparent appearance. Without doubt it is the finest of Long Red Radishes for forcing, and outsells any other that is put in competition with it on the market. Being long standing, it is also an extra fine sort for the garden. It may be sown all summer at intervals of two weeks. Price, postpaid, packet, 10c; 1-4 pound, 25c; pound, 75c.

SQUASH



Prepare hills for seed by incorporating two or three shovelfuls of well-rotted manure with the soil from 3 to 4 feet each way; for for each hill. For bush varieties hanners, from 6 to 8 feet. After the weather has become settled and warm, plant and cultivate same as cucumbers (using Slug Shot to kill bugs.)

EXTRA EARLY BUSH. Early and exceedingly productive; will do fairly well on light soil, and is rapidly taking the lead of all bush varieties. Packet, 5c; ounce, 10c.

GOLDEN SUMMER CROOK NECK. The richest summer squash, very early and productive. Packet, 5c; ounce, 10c.

HUBBARD. A general favorite and more largely grown as a late sort than any other; it is of large size, often weighing from nine to ten pounds. Color bluish green, occasionally marked with brownish orange or yellow. Flesh fine grained, dry, and of excellent flavor. It can be had in use from September to May.

BOSTON MORROW. Good flavor and keeper; the best pie squash grown. Packet, 5c; ounce, 10c.

SPINACH

For spring and summer use sow broadcast or in drill as early as ground can be worked. The fall sowing may be made in September, and by careful attention may be had in good condition through the entire winter and spring.

BROADLEAF. A new, large crimped, thick, fleshy, savoy-leaved variety; will stand two weeks longer than any other before shooting to seed. Papers, 5c; 1-4 pound, 15c; pound, 35c.

BLOOMSDALE SAVOY. The hardiest large savoy-leaved. Very fine for family or market purposes. Price same as Broadleaf.

SAGE.

This herb should be in every garden in the land; its value and usefulness are too well known by every housekeeper to require description. Large packet, 10c; 3 for 25c.

SALSIFY, OR OYSTER PLANT.

This is a most delicate vegetable; in fact, a great luxury. Cut roots into pieces half an inch long, boil until tender, then serve with butter, or cook with milk, same as oysters. Sow early in spring in drills, 15 inches apart; cover seeds with fine soil, 1 1-2 inches deep, and when plants are large enough, thin out to 4 to 6 inches apart. Can be sown in fall for winter use.

SANDWICH ISLAND MAMMOTH. A new and improved type, producing roots of nearly double the size and weight of the old varieties, and of equally good quality. Paper, 5c; ounce, 15c; 4 ounces, 40c.

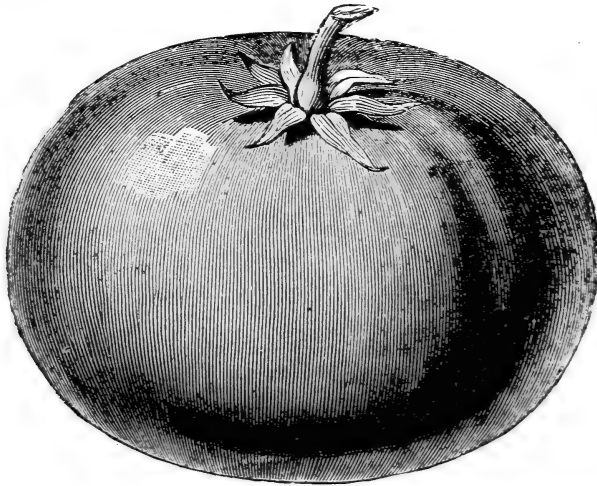
TOMATOES

Sow in hot bed or window in a sitting room where night temperature is not less than 60 degrees, latter part of February. When plants are 2 to 3 inches high they should be set out in boxes 2 or 3 inches deep, 4 or 5 inches apart, in same temperature. After danger of frost is past, they should be transplanted in light, sandy soil, at a distance of 3 feet apart in hills, in which a good shovelful of well-rotted manure has been mixed. On heavy soils, unsuited to an early crop they may be sown in open ground and transplanted 4 feet apart. Water freely and shelter from sun a few days until plants are established. By training vines on trellises or tying to stakes (which should be 8 to 10 feet high) and keeping all suckers picked off, they increase in productiveness, the fruit will ripen better and be of finer quality. Our Tomato Seed are saved from the best fruit, handled with great care, and cannot fail to be satisfactory.

SPARKS' EARLIANA is a wonderfully early and exceedingly prolific medium-sized, uniform, smooth and attractively shaped, bright scarlet tomato, of great solidity and fine flavor. It is the earliest tomato grown, having been evolved through keen competition in a tomato growing section of Southern New Jersey, where "first in market"—appearance and quality being inviting—secures the more profitable returns. The plant is of neat, modest growth, but quite hardy, and well set with clusters of from 5 to 8 fruits, averaging 2 1-4 inches through, nearly all ripening up remarkably early and evenly; of great value to the market gardener where early tomatoes are an object. Packet, 5c; ounce, 25c; 4 ounces, 75c.

LIVINGSTON'S BEAUTY—This splendid Tomato is without doubt the most widely known and popular of all the purple fruited varieties. A hardy strong grower, productive, large, always smooth, of perfect shape and excellent quality. The color is a very glossy crimson, with a tinge of purple.

Grows in clusters of four to six large fruits, retaining its splendid size until late in season. Ripens early; entirely free from ribbed and elongated fruit. Flesh very firm, has a tough skin and but few seeds. Seldom rots or cracks after a rain. For shipping and early market purposes it cannot be excelled. Picked quite green, will still ripen nicely. Packet, 5c; ounce, 15c; 4 ounces 50c.



EARLY ACME. Fine for Early Market Use. Well known and generally cultivated, both for early and main crops. Plants are of strong and vigorous growth, very productive, the fruit of medium size, perfect form, round, slightly depressed at the ends, and very smooth (never rough), color a glossy red with purplish tinge; ripens all over and through at the same time. Packet, 5c; ounce, 15c; 4 ounces, 50c.

HONOR BRIGHT

We have this from the introducer, who says of it:

"The vines are vigorous and bear profusely from early to late in the season, succeeding well in various soils. The clusters bear from three to five large, symmetrical fruits on hard, woody stems. The skin is crack-proof. Its table qualities are excellent, the flesh, when full ripe, being tender and melting—not hard, as one might conclude from the solidity of the uncut fruit. The color of the fruit when fully ripe is a rich, bright red, but before it reaches this stage it undergoes several interesting changes. It can be shipped in barrels, like apples, if picked in the early stage of ripening, and will keep from one to four weeks if stored in a cool place."

We advise our customers to try it. Price, postpaid, Packet, 10c; 3 for 25c; 15 for \$1.00.

TOMATO "DWARF STONE." This is the largest fruited of all the dwarf or "bush" tomatoes. The growth is stiffly erect until the branches become overloaded with fruit late in the season. Foliage heavy and a rich dark green. The plants are very hardy and the blossoms set freely, even in a cool, wet season. The fruits are produced in clusters of three to five, and as the growth is close-jointed each plant produces a large number. The first tomatoes are, of course, the largest, and average four inches in diameter and two and a half inches in depth from stem to blossom end. Even the late settings of fruit are considerably larger, however, than those of other dwarf varieties, and retain the deep, ball-like form. They are bright scarlet in color; very smooth and regular, exceptionally firm and solid; the walls of flesh are thick, and the fruit has a solid meaty center, with no hard core. The quality is of the finest, the flesh being sweet even in cool weather late in the season. Packet, 10c; 3 for 25c.

TRY OUR POULTRY FEEDS. OUR FEEDS ARE ALWAYS FRESH.
NO OLD STOCK. GIVE US A TRIAL ORDER.

STONE—The Greatest Canning Tomato in the World. We venture to assert that more of Livingston's Stone Tomato are annually grown than any other half-dozen varieties taken together. This variety has obtained immense popularity with canners. Southern growers and market gardeners everywhere. Its solidity and carry qualities are remarkable. Its color is a desirable red. Its shape perfectly smooth, and thicker from stem to blossom end than most varieties, making it very handsome and salable. Nobody finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding qualities, its unequaled firmness, or some other of its good points. Packet, 5c; ounce, 15c; 4 ounces, 50c.

DWARF CHAMPION. This variety is well adapted to forcing, because of its dwarf and compact growth, the plants growing stiff and upright. So compact are the plants that they may be planted 2 or 3 feet apart. It matures the fruit early, is very productive, smooth and symmetrical in shape. Color, red, with purple tint. Packet, 5c; ounce, 20c; 1-4 pound, 60c.

GOLDEN QUEEN. "Queen of all the Yellows." It is solid, always smooth, entirely free from ridges, large size, ripens early, and is the most beautiful yellow variety ever grown. The handsome golden yellow slices make a beautiful contrast in a dish with red sorts. Packet, 5c; ounce, 20c; 1-4 pound, 60c.

PARAGON. This is a large size variety and immense cropper. The flesh is solid, well colored and flavored. Ripens between the early and late varieties. Color of skin deep red; grows vigorously and no variety holds its size better late in the season. Packet, 5c; oz., 15c; 4 ozs., 50c.

TURNIPS

NEW CROP SEEDS. We will sell only the best American grown seed stock that can be secured, believing that large, fine roots of good quality depend on true American grown seed stock. The varieties offered below are from select and transplanted roots, and always please. Two pounds required to seed an acre. Price, postpaid, packet, 5c; oz., 10c; 4 ozs., 15c; 1-2 pound, 30c; 1 pound, 50c; 2 1-4 pounds, assorted as you wish, \$1.00, postpaid.

EXTRA EARLY WHITE MILAN TURNIP. The Purple Top Milan is one of our most popular turnips for spring sowing, but in this new sort we have a splendid extra early turnip in which the extreme earliness, small top and tap root of the Purple Top Milan is united with clear white skin and flesh. It will undoubtedly find a welcome in our markets, as, in addition to the heavy crop assured by its adaptability for close planting, it will be found to be fit for use at least a week earlier than any other pure white variety in cultivation.

POMERANEAN WHITE GLOBE. This is one of the most productive kinds, and in good, rich soil roots will frequently grow to twelve pounds in weight. It is of perfect globe shape; skin white and smooth; leaves large and dark green.

MAMMOTH PURPLE TOP. This is a quick growing, white-fleshed variety, large size and highly esteemed for cattle feed.

WHITE GLOBE. As indicated by its name, this is a thick turnip, nearly round and pure white in color. It is not so quick in growth as the Early Flat Dutch, but keeps better and is a heavier producer.

COW HORN. A long white turnip of superior quality, sweet and mild in flavor, enormously productive.

SEVEN TOP. Cultivated extensively in the South for the tops, which are used for greens. It is very hardy and will grow all winter, but does not produce a good root, and is only recommended for the tops.

WHITE EGG. Belongs to the class of quick growing fall turnips, and for this purpose should be sown, in this latitude between August 10th and 25th. Its shape is nearly oval or egg, as its name would indicate.

SWEET GERMAN. This variety is very popular in many sections, notably so in the New England States. It partakes largely of the nature of the rutabaga, and should be sown a month earlier than the flat turnips. The flesh is white, hard, firm and sweet; keeps nearly as well as the rutabaga. Highly recommended for winter and spring use.

SEVEN TOP. An intermediate variety, and one of the hardiest; may be left in open ground all winter, and yields in spring an abundant foliage of greens. Desirable only for this purpose.

EARLY RED, OR PURPLE TOP FLAT (STRAP LEAVED). The most generally planted variety. It is a quick grower; flesh fine grained and sweet flavored. The red top of the bulb, which extends down to where it rests in the soil, adds much to this variety's appearance.

EARLY WHITE FLAT DUTCH (STRAP LEAVED.) This is one of the most popular varieties grown for table use. An early white top turnip of excellent quality.

LARGE EARLY RED TOP GLOBE. This variety is round, of large size, and quite as early as the flat variety. It has all the good qualities of the flat purple and is a heavier variety.

YELLOW-FLESHED VARIETIES

AMBER GLOBE. An intermediate variety. The flavor is milder than the Ruta Baga, therefore, by some, more esteemed. This is one of the best of the yellow sorts, and fills every want.

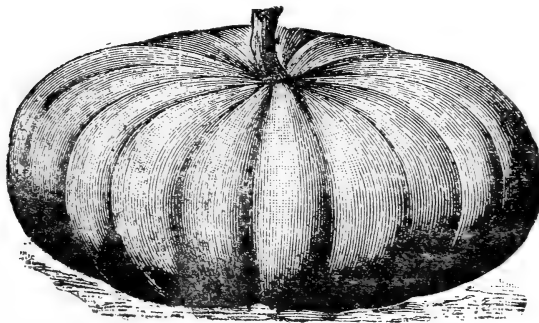
PURPLE TOP YELLOW ABERDEEN. Very hardy and productive, good keeper, globe shaped and fine quality.

LARGE YELLOW GLOBE. One of the best varieties for general crop; flesh very firm and sweet, and keeps well until late in spring, grows to large size, and is excellent, both for stock, feed and table use.

RUTABAGA

IMPROVED PURPLE TOP YELLOW RUTA BAGAS. This is a very fine strain, not surpassed by any grown. Under favorable conditions enormous crops can be relied upon, of best quality and recognized value, both for table use and cattle feed.

PUMPKINS



The pumpkins can be very profitably raised with but very little trouble or expense and are very valuable both for domestic use and stock feed.

TENNESSEE SWEET POTATO. Medium size, thick, creamy white flesh, fine grain and excellent flavor. Has no equal for making pies. Packet 5c; 4 ozs., 15c; lb., 50c.

KING OF THE MAMMOTHS, OR JUMBO. This is the largest of all pumpkins; has been grown to weigh over 20 pounds. It has a salmon colored skin; flesh bright yellow, fine grained and good quality for so large a pumpkin. Packet, 10c; 4 ozs., 35; pound, \$1.00.

GEORGIA FIELD. A large, round, yellow variety, grown principally for stock. Seed saved only from large specimens. Ounce, 5c; pound, 35c.

SEED POTATOES for Fall Planting

This crop is attracting much attention and has assumed great prominence since it has been shown that they are a success. Thousands of dollars have been sent North annually for Irish potatoes, from the fact that our crop maturing in midsummer could not be kept in marketable condition until the following winter and spring. This trouble has been overcome by the new variety, Lookout Mountain, which originated in this section and was introduced by us. No new variety has attracted such favorable notice and comment, and the potato has not been offered that is of half so much importance and value to the Southern farmer. We do not put these on market until June 1st. Write us for prices.

SEED POTATOES for Spring Planting

WE HAVE OUR SEED POTATOES GROWN FOR US IN AROOSTOOK COUNTY, MAINE, and are of the best selected stock. When ordering state in your order if you want them in barrels or in bags. We have them put up in 11 peack heavy burlap bags. In barrels 25c extra. All stock is pure and true to name. Owing to the fluctuation of the market we are not in position to quote in our catalogue. Write for prices. And the quantity wanted.

BLISS TRIUMPHS, OR RED BLISS. This variety has come to the front very rapidly within the last few years, and is now one of the Standard Seed Varieties to the South. It is one of the earliest kinds grown, and matures quickly. The tubers are round and uniform in shape, eyes slightly depressed, and of a beautiful bright red color. It is one of the hardiest varieties known and is not susceptible to rot, scab or disease; in fact, it can be grown on most heavily manured land without danger of rot.

TENN. SECONDED CROP. Grown in Tennessee, a fine potato also known for its good merits, for early market. The seed are small and go much further than the eastern Bliss Triumph. Color and shape same as the Eastern Bliss.

EARLY ROSE. The Genuine early rose still remains the Standard Early variety, and is too well known to need particular description.

SPAULDING'S NO. 4. (ROSE SHAPE). Especially desirable for early market gardening. This being the principal variety grown for early shipment to Northern Markets.

IRISH COBBLER. Is one of the most reliable, and fast becoming one of the most popular, of the early varieties. It is of handsome cream-white color, and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly, and a good keeper; in short, the best all-round, early potato now on the market.

WE CAN ALSO SUPPLY YOU WITH THE POTATO SLIPS OR
DRAWS IN SEASON.

BURBANK. This variety is quite largely used as one of the reliable late potatoes; is of fair size, good form, and an average yielder. It is a late keeper and good flavor.

PEERLESS. A handsome late variety, large yielder, and profitable all-round potatoes. White in color.

BEAUTY OF HEBRON. This potato is a superior table variety, making a little later than Bliss and Rose. A good medium for the truckers, flesh white.

GOODRICH. Among the later varieties of white potatoes, extra fine for table use.

I. X. L. A uniform, smooth and handsome potato with very few of small size. A heavy cropper, vigorous grower, and one of the best kind of the Reliable Rose family.

IMPROVED GREEN MOUNTAIN. Large handsome white potato; a prolific yielder, and invariably of fine eating quality, cooking dry and mealy; a potato that has largely superseded other varieties throughout the south.

QUEEN. Grown in Montgomery County, an extra fine yielder and of large rose shape.

SWEET POTATOES

GENUINE DOOLEY. The best of the rich deep yellow variety, small seed or large seed potatoes, \$1.25 per bu., and \$1.50 per bu.

BUNCH YELLOW YAMS. A very good potato for home use. \$1.50 per bushel.

COTTON

BROADWELL'S DOUBLE JOINTED COTTON. Is classed as being one of the earliest, and nearly as early as the King Cotton seed, but more prolific, this cotton has proved a great success in our vicinity. And we recommend it very highly, as it will not only come off before the boll weevil, but is a great yielder. Has made over a bale to the acre and on one field of 300 acres 300 bales were made. 1 bushel, \$1.50; quantity lots, \$1.25 per bushel.

RUSSELL'S BIG BOLL. Seeds large and green. Planted largely in Alabama and Georgia in bottom lands. A medium early cotton, with very large bolls and a heavy stalk. Well known throughout the South. (Short Staple). Write for prices.

TRIUMPH. Big Boll. Seed very large and white. Planted in the bottoms; a medium early cotton with a heavy stalk and large bolls. Short Staple). Write for prices.

HAWKINS. A tall grower making a good crop of medium sized bolls, medium early and productive. Well known to the Experiment Stations. Write for prices.

KING. (Short Staple). A very early cotton, making small bolls with a medium sized stalk. Seed are greenish white. Well known in this section as being one of the very best to plant, making a good top crop late in season. Write for prices.

TRUITT'S BIG BOLL. (Short Staple). With a very high record at the experiment station in the past few years, this cotton ranks very high with the farmers. Making fairly early with a medium size big boll. Stalks medium size. Write for prices.

TOOLE. (Short Staple). A fine early cotton, making a very fine crop. Bolls small with a medium size, small stalk. A very good, poor land cotton. Easy to pick. Write for prices.

FLORADORA COTTON. (Long Staple). Well known to all farmers and is well advertised. Very heavy yielder, making from 1 to 3 bales to the acre. Rapid, vigorous grower and heavily fruited, and is easily gathered. Stalks grow very tall and branching. This cotton brings a much higher price than short staples. Write for prices.

EARLY CORN

HARVEY'S SHOE PEG CORN. The best weevil proof corn known to this section. This corn is well known to all the farmers in this section as being the "Farmer's Friend." The grain is of the shoe peg type, long, with a red cob, very small. 1 peck, 50c; 1 bu., \$1.50.

ST. CHARLES SEED CORN. The reserve of the farmer for late planting. This corn is largely planted late, when the farmers have lost time after time by being drowned out and back water. You can plant this corn after the land is cleared from water and will make well. The grain is large, with a red cob. 1 peck, 50c; 1 bu., \$1.50.

Can be planted after oats.

TENNESSEE RED COB CORN. A fine field corn, grains large and flat with a red cob of medium size. Very productive, making fine corn on good lands. 1 peck, 40c; 1 bu., \$1.50.

RUNNELS WHITE CORN. A fine pure white corn with a white cob, early and like the Tenn. Red Cob Corn in production. 1 peck, 40c; 1 bu., \$1.50.

EASTERN LEAMING. A good early yellow corn of the dent variety, making yellow grain with a red cob; matures early. Peck, 50c. per peck. 1 bu., \$1.50.

EASTERN GOLDEN DENT CORN. Known for its earliness, making good, hard corn early in season. The grain is of a flat yellow type with a small cob. 1 pk., 60c; 1 bu., \$1.75.

EASTERN WHITE DENT. A very fine early corn for early feed uses. Also a good roasting corn. Does not keep well. 1 pk., 60c; 1 bu., \$1.75.

SNOWFLAKE CORN. The very best white corn for early use. Making corn long before any other varieties. Tender and sweet. 1 peck, 60c; 1 bu., \$1.75.

HICKORY KING. A medium early, prolific variety, with very broad and firm, flat grain. The ears average about eight inches long. The cob is exceedingly small, not much larger than a man's finger, and has usually ten or twelve rows. For the production of meal it is not excelled by any sort. Pt., 10c; qt., 15c; pk., 50c; bu., \$1.75. By mail, postpaid, pt., 20c; qt., 25c.

MOSBY'S PROLIFIC. One of the best types of any of the prolific sorts. The ears will grow ten to twelve inches long, rows twelve to sixteen, grain pure white, of moderate size, cob medium small. This sort fills out well, and is a splendid keeper. The variety is a vigorous grower and is enormously prolific. You can figure on an average of two ears to the stalk, and very frequently three, and sometimes as many as five well developed ears can be harvested. Our stock is grown in North Carolina and will be found pure. Pt., 10c; qt., 15c; pk., 60c; bu., \$2. By mail, postpaid, pt., 20c; qt., 30c.

MEXICAN JUNE CORN. Plant not before June 1st to 15th. Grows 12 to 15 feet high. Full eared; large blades; fine ears. No other corn can be planted so late as this nor grows so tall, nor makes such an amount of late forage. Makes ears till September. You can have roasting ears in September and October and till frost, while remaining stalks give fine green forage for cattle. Pull in December. Till then does not harden on stalks—keeps green and soft. We plant here about June 20; make about 30 bushels per acre. Was gathered about November 25th. Pint, 15c; quart, 20c; peck, 75c; bushel, \$2.50.

CLOVER AND GRASSES

PRICES. Prices of clover and grass seed are variable and subject to market fluctuations. At time we go to press it is impossible to name bushel prices, but will take pleasure in naming special prices on specified quantities at all times. Prices named are for small quantities by mail, for the benefit of those who may wish to make comparative tests and experiments.

ORCHARD GRASS. This is the most widely known of all grasses, being grown in almost every country on the globe. It is one of the earliest to start in the spring and furnishes an abundance of pasturage during the entire season. It is valuable sown with other grasses for pasture and makes fine hay when mixed with clover. Sow in spring or fall, 1 1-2 to 2 bushels per acre. Weights 14 pounds to bushel. Price, pound, 20c. If by mail, pound, 30c; 4 pounds \$1.00, postpaid.

RED TOP OR HERD'S GRASS. An excellent grass, succeeding in any soil. It grows well on light, sandy, medium, or stiff bottom land. It is one of the best for wet soil, and is not injured by overflow, is adapted to more varieties of soil and location than any other grass. Sow in spring or fall, 6 pounds to acre. Pound, 20c. By mail, lb., 30c; 3 1-2 lbs. for \$1, postpaid.

TALL MEADOW OAT GRASS. One of the most valuable hay and pasture grasses in cultivation. It withstands the heat and drouth of summer and cold of winter, starts very early in spring and continues to give good grazing until late in fall. It ripens at the same time as Orchard Grass and gives good results with it and red clover. Sow in spring or fall, 2 bushels per acre. Weighs 10 pounds per bushel. Price, pound, 20c. If by mail, pound, 30c; 3 1-2 pounds, \$1.00, postpaid.

KENTUCKY BLUE GRASS. A fine grass that succeeds best on limestone land, but does well on other soils. Does its best in fall, winter and spring. It grows slowly at first, forms a very compact turf, making a fine pasture when once established. Sow in spring or fall, 1 1-2 to 2 bushels per acre. Weighs 14 pounds per bushel, price, pound, 25c. If by mail, lb., 35c; 3 pounds, \$1.00, postpaid.

MEADOW FESCUE. One of the earliest, most nutritious and productive grasses. It is especially suitable for permanent pasturage—thrives well in all soils, but to best advantage in moist lands. Makes good hay, and cattle

thrive well on it, whether dry or in green state. Sow 1 to 1 1-2 bushels per acre in fall or early spring. Choice seed, per pound, 20c. If by mail, pound, 30c; 3 1-2 pounds, \$1.00, postpaid.

PERENNIAL RYE GRASS. One of the oldest in cultivation. It is considered quite valuable, as it affords pasturage very early in the spring. It grows up in a very short time after being cut, and remains bright and green the balance of the season. Sow early in spring, 1 to 1 1-2 bushels per acre. Price, pound, 15c. If by mail, pound, 25c; 4 1-2 pounds, \$1.00, postpaid.

JOHNSON GRASS.—(28 lbs to bushel.)—Known, too, as Mean's Grass, and falsely as Guinea. Plant Johnson Grass as soon as the frost disappears till June—40 lbs to the acre. Cut before the head is in flower. Three to five cuttings per season. Withstands any drought; yields heavy crops year after year without resetting, through ground needs, each fall, disc harrowing. Do not let go to seed; spread it if you do. Tender when cut young, makes immense crops; hardy. Known, too, as Cuban Grass. It got its name "Johnson" from a grower.

CALIFORNIA BUR CLOVER. From now on we will be able to fill your orders for choice, re-cleaned hulled seed. Sow 15 to 20 pounds per acre, July to October, by itself or with Bermuda Grass or Winter Vetches. In the South Bur Clover has been found admirably adapted for use with Bermuda Grass, the combination making a splendid all-the-year-round green pasture, or for big lawns for public buildings. When sown on Bermuda Grass sod, the sod must be sacrificed to give the clover a chance to get its roots in the soil below the layer of the Bermuda roots. 1 pound, 30c; 5 at 25c; 15 at 22c.

HARVEY'S WINTER LAWN GRASS SEED. Planted throughout this entire section by all gardeners and landscape gardeners. And is considered the best for this section. Planted in the fall months of October, November and December. Making a fine velvet green lawn. "Don't let your lawn be shabby through the winter." If you have Bermuda on it now, cut the lawn off very close with your lawn mower and rake off the trash. Then sow the seed very thickly and cover with well pulverized stable manure. But do not cover too thick. Per lb., 12 1-2c., f. o. b. this city.

BERMUDA GRASS. This is one of the most valuable pasturage grasses. It is adapted to more varieties of soils than any grass we know, and in many instances it has been found to be the only grass that will make a sod on light soil. It stands high, dry weather remarkably well and makes a most valuable pasture. It is difficult to eradicate after once set. Sow in spring about season for planting cotton. Two or three pounds of seed per acre. Land should be thoroughly prepared and covered lightly, as seed are small. Price, ounce, 10c; 1-4 pound, 20c; 1 pound, 60c; postage, 10c per pound, extra.

RED CLOVER. This is one of the most important factors to successful agriculture, and is more extensively grown than any other variety. It is best adapted to stiff soil, but will thrive well on any land rich enough to sustain it. Makes an abundant yield of very fine hay, which should be cut when in full bloom. If land is poor it should be helped at first with some good fertilizer. After it is well started it will do more to enrich poor land than any other known plant. Sow in spring or fall, 10 pounds to the acre. Price, 1 pound, 25c. If by mail, 1 pound, 35c; 3 pounds \$1.00, postpaid.

ALABAMA MELILOTUS SEED. Sow one bushel to the acre in March, lime or black soil. Once planted, always planted. Fine hay crop with several cuttings, weighing 40 lbs. to the bushel. Does not seed first year, but

reproduces from roots; second year cut hay and then allow to go to seed. 1 pound, 10c; f. o. b. 100 pounds, 9c per pound.

ALFALFA SEED. This is the most valuable of the clover family, making more hay to the acre than any other. Best adapted to a lime subsoil, cutting each season from four to six times. "There is not a better investment for the farmer than Alfalfa." When once seeded it will last 20 years.

We take great care in selecting our Alfalfa seed. All seed are tested before shipping, so that the seed are the best to be had, *pure and free from fodder*. It does not pay to buy "cheap" Alfalfa seed, full of fodder and weed seeds, and seed your lands with weeds in the place of Alfalfa. "It is a poor policy." Get the best. Samples upon request. Write for prices.

WHITE CLOVER. Very valuable for bee pasture, and should be used in all mixtures for pastures and lawns. Price, 1 pound, 25c. If by mail, 1 pound, 35c; 3 pounds, \$1.00, postpaid.

CRIMSON CLOVER—The Crimson Clovers are Only Adapted for Summer and Fall Seeding. Farmers should take every available means of sowing all their vacant lands in Crimson Clover, as it makes a fine winter clover crop—an excellent grazing crop during winter and early spring—the earliest green feed—a good early forage crop and a splendid soil-improving crop to plow under early, to be followed by corn, cotton or other crops the same year. A crop of Crimson Clover plowed under is equal to an application of stable manure. It makes the land rich and mellow, fills it with humus or vegetable matter and increases the yield of corn, cotton or other crops, which follow it, to a wonderful extent. Sow at the rate of 15 pounds per acre, broadcast, in July, August or September.

PEANUTS, ARTICHOKEs, CHUFAS, &c.

SELECT VIRGINIA PEANUTS. This variety grows erect, 1 foot high. A good yielder and a sure crop; a very productive strain; easy to take up and stack. No trouble to cultivate, is a good peanut for market and is unsurpassed for hay and stock. Price 25c per pound, postpaid; peck, 50c; bushel, \$1.50.



SPANISH PEANUTS. A desirable variety, early, a good bearer, and easily cultivated; the peas hang to the roots and are easily gathered. Planted in April they ripen in August, and planted as late as July 1st to 10th, mature before frost. Splendid to fatten hogs and children. Per pound, 25c, postpaid; peck, 50c; bushel, market price.

CHUFAS. A species of "grass-nuts" much used to fatten hogs. The nuts are very rich and sweet, and grow underground near the surface. Abundantly and easily grown; greedily eaten by hogs, which take on firm fat from them; they fill a decided want wherever there are hogs to be fattened. Plant in April, 10 to 12 inches apart in 2 1-2 foot rows, cover lightly, cultivate same as cotton.

They mature in August or September and lie in the ground until wanted. Soak seed at least 36 hours before planting—3 days would be better. One peck will plant an acre. By mail, postpaid, 25c per lb.; 5 lbs., \$1.00. By express, peck, \$1.25; bushel, market price.

JERUSALEM ARTICHOKE. Yields 500 to 1,000 bushels per acre. The wonderful productiveness and ease with which these artichokes can be produced is always a surprise to those who cultivate them for the first time. They are an excellent food for cattle, sheep and horses, and the cheapest and healthiest hog food raised, 1 acre being equal to 5 acres of corn for building up large, healthy frames with plenty of bone and muscle. They not only grow rapidly but fatten on them, only requiring corn a short time in the finishing process. The hogs harvest them themselves, thus saving all expense, even of feeding. Freezing and thawing do not injure them, and the hogs will feed themselves from October 1st in this latitude, until the late spring, when grass has come, except when the ground is frozen solid. No farmer can do better than plant a piece of ground to Artichokes without delay. They are a certain preventive of disease. On good corn land they produce 500 to 1,000 bushels per acre. Price, lb., 25c; 2 1-2 lbs., 50c; 6 lbs., \$1.00, postpaid. By freight or express, peck, 50c; bushel, \$1.50; barrel, \$3.50.

ROOT CROPS FOR STOCK FEED. These are not grown as extensively as they should be. Their value for feeding cattle, sheep and hogs—especially in the winter months—cannot be over-estimated. They improve health and condition of stock, increase flow and quality of milk, and save a large quantity of hay. Cultivation simple, cost trifling and yield enormous. To save for winter use, bank same as potatoes. Slice before feeding, mix well with bran and steam, if convenient. Sow in April or May in rows 2 feet apart and thin to 12 or 15 inches.

MAMMOTH LONG RED MANGEL. This variety is more generally grown than any other, producing roots of large size and excellent quality, best variety for deep soil.

YELLOW GLOBE MANGEL. Roots of large size and globular form; very productive; keeps better than Long Red, and better adapted to sandy, shallow soil.

WHITE FRENCH SUGAR. Attains a large size, and is extensively grown for feeding. Price of any of above, per 1-4 pound, 15c; pound, 50c, postpaid.

BUCKWHEAT

JAPANESE. This variety of Buckwheat ripens a week earlier than the Silver Hull, and yields more largely than that variety. The kernels are larger than those of other sorts, but owing to its branching qualities, it need not be sown quite so thickly. Price, 1 pound, 20c; 3 pounds, 50c, postpaid. Peck and bushel prices on application.

SILVER HULL. A prolific and favorite sort, making a fine quality flour. A superior variety in every way to the ordinary Buckwheat, which it has almost entirely superseded. Current prices quoted on application.

RAPE

DWARF ESSEX RAPE. A very popular foliage plant on account of its rapid growth, becoming available in ten weeks after sowing, and will produce 20 to 30 tons of green stuff per acre. It will grow 2 or 3 feet high

and smother out any objectionable grass, is perfectly hardy, and may be sown any month in the year in the South. Sow 5 pounds broadcast to the acre, on plant in drills same as turnips. Lb., 25c; 5 lbs., \$1.00, postpaid.

FORAGE CROPS

MILLETS, SORGHUMS, VETCHES, ETC. More attention should be devoted to growth of these crops, which will be found quite remunerative. The yield of hay is enormous, while almost any variety listed here will produce more grain than corn. Devote some of your best land to their culture and you will be highly pleased.

TEOSINTE. This is of South American origin and somewhat resembles corn, but leaves are much longer and broader. The stalk, containing much saccharine matter, is very nutritious. It excels all other known plants in size of growth and amount of foliage produced. Throws up 30 to 50 stalks from one grain and attains a height of from 10 to 20 feet. Cut from green feed in any stage is found good and wholesome, and the second and third growth come promptly in equal abundance. The forage from one seed is considered sufficient to feed a yoke of cattle for 24 hours. It has been thoroughly tested, with most satisfactory results. Nothing equals it for an enormous yield of valuable feed. Plant in spring when ground has become warm, in rows 3 or 4 feet wide, drop 3 or 4 seed 3 feet apart, cover lightly, cultivate same as corn. Two pounds of seed will plant an acre. Ounce, 10c; 4 ounces, 25c; pound, 75c, postpaid.

PEARL MILLET. Known throughout the South as Cat Tail Millet, Horse Millet, African Cane and Egyptian Millet. It grows luxuriantly, stooling largely from the ground, and produces an enormous amount of green fodder that can be cut several times during the season, furnishing a continuous fresh growth as long as the seasons are suitable. Useful only for green feed; does not make a good fodder. Sow in April or May, in drills 3 or 4 feet apart, and cultivate as corn. Pound, 15c; 8 pounds, \$1.00. By mail, 25c pound; 4 1-2 pounds, \$1.00, postpaid.

GERMAN MILLET, CHOICE SOUTHERN GROWN. Southern grown millet seed is far superior, both in quality and yield of product to Western and Northern grown seed. The true German Millet, when properly grown and handled, makes an enormous yield of most nutritious feed, and that without impoverishing the soil to any great extent. To get these results, however, the German Millet must be sown thickly, about one bushel per acre, and the crop cut while it is in bloom, before the seed hardens in the head. Sow when the weather gets warm in May, or any time during the summer until the end of July. Two crops can be seeded and grown during the summer on the same land. Price, 5c per pound. By mail, 15c per pound; 8 pounds, \$1.00, postpaid. Bushel prices on application.

EARLY AMBER CANE. A variety which has been largely tested with great success. Stalks tall and slim and highly prized as a fodder plant. In its green state, or cured into fodder, it equals any other known crop. Plant from April to July, in 3 foot rows, lightly drilled, or may be sown broadcast. Pound, 10c; 3 pounds, 25c. By mail, pound, 20c; 4 pounds, 75c, postpaid. Quantity prices on application.

EARLY ORANGE CANE. Yields about 25 per cent more cane, is more succulent and better adapted to culture than any other variety; makes the finest quality of syrup and sugar. Use 4 pounds seed per acre. Price per pound, 10c; 3 pounds, 25c. By mail, 20c per pound, 4 pounds, 75c, postpaid.

RED KAFFIR CORN. One of the best drouth resisters. It does well on thin land, ripens earlier and yields nearly twice as much grain and forage as the white variety. Grows taller, the stalks are slenderer, but more juicy and leafy than the white. The seeds are red and rather hard or brittle. Plant 3 to 5 pounds seed per acre. Price, 15c per pound; 4 pounds for 50c; 10 pounds, \$1.00. By mail, 25c per pound; 5 pounds, \$1.00, postpaid.

WHITE KAFFIR CORN. A variety of sorghum, cultivated both for forage and grain, growing from 5 to 6 feet high, is stock and erect, with wide foliage, and is never blown about by the winds; never tangles. Produces 2 to 4 heads, 10 to 12 inches long on each stalk, which are greedily eaten by stock; will produce 50 bushels per acre on good land. For ensilage it is one of the most desirable. Plant in rows 3 feet apart and cultivate same as corn. Use 3 to 5 pounds of seed per acre. Price, 15c per pound; 4 pounds, 50c; 10 pounds, \$1.00. By mail, 25c per pound; 5 pounds \$1.00, postpaid. Special prices for large lots.

RURAL BRANCHING DHOURA (MILO MAIZE). A wonderfully productive fodder plant. It shoots out strongly; 6 to 10 stalks are frequently produced from one seed. It starts a new growth rapidly after being cut, makes a great amount of foliage, and can be cut for feed several times during the season. Cultivate same as corn. Three to five pounds of seed required to plant an acre. Price, 15c per pound, 4 pounds, 50c; 10 pounds, \$1.00. By mail, 25c per pound; 5 pounds \$1.00, postpaid.

YELLOW BRANCHING DHOURA (YELLOW MILO MAIZE). This is earlier than the Rural Branching and of taller growth, often attaining a height of 10 or 12 feet, but does not stool out quite as much from the ground, though it branches out from the joints. Its seed heads grow very large and heavy on good ground, and when ripe hang over. The grains are large and plump and of a deep golden color. It produces an enormous amount of foliage, green fodder or cured, often producing 3 to 4 good "cuttings" in a season. Plant in 4 foot rows, and thin out 2 stalks every 2 or 3 feet. Plant 4 pounds to the acre. Price, 15c per lb.; 4 lbs., 50c; 10 lbs., \$1.00. If by mail, 25c per lb., 5 lbs., \$1.00, postpaid.

JERUSALEM CORN. A non-saccharine sorghum. It grows about three feet high, makes one large head on main stalk and several smaller ones on side shoots; often as many as eight heads on one stalk. The grains are pure white and nearly flat. It is claimed to be the best and surest grain and forage crop for dry seasons. Plant same as Kaffir Corn, 3 to 4 pounds of seed per acre. Price, 15c per lb.; 4 lbs., 50c; 10 lbs., \$1.00. By mail, 25c per lb; 5 lbs., \$1.00, postpaid.

HAIRY OR WINTER VETCH.

This is one of the most valuable forage crops for the South, but requires to be sown in the fall for the best results. Can be sown any time from July to October. Succeeds admirably, sown at the last working of corn or cotton, with winter oats or wheat. Should be sown at the rate of 30 to 40 lbs. to the acre, with 3-4 bushel of oats or 1-2 bushel of wheat. The oats or wheat help to hold the Vetch off the ground, enabling it to make a better growth of Hairy Vetch. One pound, 25c postpaid.

SPRING VETCHES. One of the best forage plants, and none better adapted to the South. Can be sown alone or mixed with oats. Makes very nutritious feed for all kinds of stock, and is especially recommended for horses. We advise one peck of vetches and two bushels of oats sown to the acre. Weight, 50 lbs. per bushel. Pound, 10c; peck, \$1.00; bushel, \$3.50. If sent by mail, pound, 20c; 6 pounds, \$1.00, postpaid.

**FIELD PEAS AND BEANS**

The value of these for hay, fertilizers, stock and human food is too well known in the South and West for extended remarks. We deal very largely in varieties named and make special prices upon application. Please state quantity wanted.

SOJA BEANS. All those who have them are most enthusiastic in their praise, and we feel that we cannot impress too forcibly the importance of this crop. The great nutritive value of these beans, combined with the enormous yield, makes it a most valuable and economical crop to grow for stock feeding purposes. It is also strongly recommended for green fodder and ensilage, and will easily yield, on suitable soil, from 8 to 10 tons per acre. Price, quart, 30c, postpaid.

NEW VELVET BEANS (For Forage). This new forage crop is attracting general attention in the South, having been tested in nearly all the Southern States, where its enormous growth and vast possibilities as a forage crop and soil improver are being recognized and appreciated. Produces an enormous amount of vegetable matter, which is very rich in nitrogen, making a most valuable soil improver. The plant is readily eaten by all stock, including beans and pods, and being very rich, should be fed in conjunction with some coarse food. The vines grow so rank it is difficult to turn them under when green, and it is advisable to let them stand until after frost. Plant in rows three feet apart and one foot apart in row. Price, packet, 10c, prepaid; pint, 25c; quart, 40c, postage paid. Peck or bushel, market prices.

an ordinary garden or English pea in looks of seed and growth. It is **CANADA FIELD PEAS.** This is in no sense a cow pea, but resembles

extremely hardy, a great soil enricher and makes the most delicious of hay. They should be sown from November to March, two bushels to the acre. It is better though to sow with oats or other winter grain to hold the vines up using bushel peas and one half the regular quantity of grain. Both are cut at the same time. Price of seed: Peck, 75c; bu., \$2.20.

COW PEAS

WE ARE ONE OF THE LARGEST COW PEA DEALERS IN THE STATE. HAVE JUST MOVED INTO A LARGER STORE ROOM AND WAREHOUSE, AND WE CAN NOW STORE MORE PEAS THAN WE HAVE IN THE PAST. WE BUY IN QUANTITY LOTS AND THEREFORE WE CAN SELL CHEAPER. OWING TO THE CHANGES OF THE MARKET WE CANNOT QUOTE PEAS IN THIS CATALOGUE. WRITE FOR PRICES AND SAMPLES.

CALIFORNIA BLACK EYE SIX WEEK PEAS. The best six week table pea on the market. Very large peas with rich flavor, pure white with large black eye. Qt., 20c. f. o. b.; pk., \$1.50. Quantity prices on application.

LARGE SUGAR CROWDER PEAS. A very large pea with brown eye. One of the best for table use, a quick seller and a good yielder.

LADY PEAS. A very small pure white pea of rich flavor, a good table pea and medium early. Qt., 20c; pk., \$1.00.

RED RIPPER. Fed-seeded; a most desirable and productive variety, somewhat resembling the black in growth of vine, but ten days earlier and more prolific. Wherever it has been grown it is rapidly coming in favor.

WONDERFUL OR UNKNOWN. We have never seen any pea equal to it for any purpose; whether sown for soiling, forage crop, or yielding an abundance of seed, it stands at the head of the list.

WHIP-POOR-WILL PEAS. This is one of the earliest varieties, and when parties wish to mature crop seed, it stands at the head.

CLAY PEAS. This is an old standard sort and largely used by sugar planters in Louisiana for soiling and forage crops.

BLACK PEAS. This is the variety most largely grown in this section. It is very prolific, quicker to mature than Wonderful or Unknown, and is better adapted for late planting, or for growing in districts further north. It is a splendid land improver, and most valuable as a forage crop, making an enormous yield of rich, nutritious feed. It yields more largely of the shelled peas to the acre than the Unknown.

SEED GRAINS

SOLD F. O. B. MONTGOMERY IN GOOD BURLAP BAGS, NO CHARGE FOR CARRIERS OR CARTAGE. OWING TO MARKET FLUCTUATIONS WE CANNOT QUOTE GRAINS IN THIS CATALOGUE, BUT WILL MAIL SAMPLES UPON REQUEST, WITH BEST PRICES. ALWAYS STATE IN YOUR LETTER HOW MUCH YOU INTEND TO BUY. "QUANTITY OR LESS," ALL GRAINS SHIPPED ARE THE BEST TO BE HAD, BEING TESTED BEFORE SHIPPING.

GEORGIA SEED RYE. Planted largely by the farmers throughout this entire section and is considered the best to plant. Grows tall and makes a fine pasture. Owing to the small amount of this rye seed saved each season for seed, we advise buying early.

TENNESSEE SEED RYE. A fine rye for winter pasture, will stand grazing and is the best for chickens and stock. Grows in a turf and does not grow very tall.

WESTERN RYE. A good rye for grazing.

BEARDLESS BARLEY. Makes an excellent crop of hay, and is used largely for grazing, being beardless.

WINTER STEM SEED WHEAT. This wheat has been known to this section for a generation and is considered the best wheat to plant. It is very early, coming off before the rust starts in the spring, makes it a rust proof wheat. Planting from 1 1-2 bushels to 2 bushels to the acre.

RED MAY SEED WHEAT. Smooth head and early, makes good on thin land, grains very large, stands winter freezing and is very hardy. Well adapted to this section.

FULTZ. Smooth head winter wheat. Well known throughout this section, as making the best grade of flour. Stands cold freezes well.

FULCASTER. Bearded, large grain wheat, stands cold and is an excellent grazer.

APPLIER SEED OATS. "The Money Maker for the Farmer." Will make more oats than any other oat planted in this section. Is a rust proof, Montgomery County grown. Should be planted from 2 to 2 1-2 bushels to the acre.

BURT SEED OATS. Without a doubt the best spring oat to plant. Planting in January and February from 1 1-2 to 2 bushels per acre.

WINTER TURF OATS. The best oat for grazing, planting in fall at the rate of 1 1-2 to 2 bushels per acre and coming up in a turf, affords a good grazing.

SUNFLOWER

Everyone who keeps poultry should use sunflower seed liberally for feeding, as there is nothing more wholesome and nutritious, or which keeps hens in better condition for laying. Some species are largely planted in the flower garden for ornament.

LARGE RUSSIAN. This variety has large heads, borne at top of a single unbranched stem, and having much more and larger seed than the common sort. Sow the seed as soon as the ground is fit for corn, in rows five feet apart, and ten inches apart in the row. Cultivate same as corn. When the seed is ripe and hard cut off the heads and pile loosely in a rail pen having a solid door or in a corn crib. After curing sufficiently, so that they will thresh easily, flail out or run through a threshing machine, and clean with an ordinary fanning mill. This variety will yield nine hundred to twelve hundred pounds of seed per acre ordinarily. Prices change with market.

MAMMOTH RUSSIAN SUNFLOWER. The giant of all sunflowers, growing to double the size and producing twice as much seed as the common sunflower. It is highly recommended for poultry, the best egg-producing food known. Packet, 5c; $\frac{1}{4}$ lb., 10c; lb., 35c, postpaid.



Poultry Supply Department

Our Specialty in our Poultry Department is our feeds. "We buy in large quantities and buy only the best, pure, sound and wholesome grains." Our stock of feeds come in at all times and are strictly fresh. "No old stock." Samples mailed upon request. Special prices in quantity lots.



CORNO CHICK FOOD. Made from the best ground seed and grains, proportioned to bring results, commence feeding after 48 hours old and continue until chicks are large enough to eat, hen size. 100 lb. bag, \$2.35; 50 lb. bag, \$1.25, less amount 3c per lb.

STEINMESCH CHICK FOOD. This chick food has been on the market for a great many years and is considered the best you can use. 100 lb. bag, \$2.50; 50 lb. bag, \$1.25; less amount 3c per lb.



CORNO HEN FOOD. A balanced ration, composed of a mixture of pure and wholesome grains, so well proportioned that it meets the requirements of the fowl and at the same time aids in securing the results desired by the poultrymen. 100 lb. bag, \$2.25; 50 lb. bag, \$1.25; less amount 3c per lb.

STEINMESCH HEN FOOD. Made from a dozen varieties of choice grains and seeds, each selected to perform a special function in keeping the hens in perfect physical condition and laying condition. Mixed in proportion to make a balanced ration. 100 lb. bag, \$2.25; 50 lb. bag, \$1.25; less amount 3c per lb.

PIGEON FEED, "STEINMESCH." Made from the best grains and Canada Peas. 100 lb. bag, \$2.25; 50 lb. bag, \$1.25; less amount 3c per lb.

STEINMESCH MASCH. Will bring results, poultry must have it. To be fed in hoppers with beef scraps, and your egg basket will always be full. 100 lb. bag, \$2.50; 50 lb. bag, \$1.25; less amount 3c per lb.

BEEF SCRAPS. High protien, is an especially valuable meat food for poultry and will bring quick results. 100 lb. bag, \$3.25; less amount 4c per lb.

CHAR COAL. Granulated, fine, medium and coarse. 5c per lb; quantity lots put up in 50 lb. bags, \$1.75.

CANADA FIELD PEAS. Write for prices.

RED WHEAT. Fine for egg production, samples mailed with prices.

ALFALFA MEAL. A substitute for green food, to be steamed in pans and feed warm. A fine substitute and will do the work. 100 lb. bag, \$2.50; less amount 3c per lb.

ESSO CHAR COAL. In packages "Recobnized" 15c per package; \$1.50 per dozen.

OYSTER SHELLS. Fine, medium and coarse. Every poultryman realizes the advantages of oyster shells. 75c per 100 lb. bag; less amount 1½c per lb.

GROUND BONE. Fine, medium and coarse, in 100 lb. bags, \$3.50; less amount 4c per lb.

MICA GRIT. Fine, medium and coarse, \$1.25 per 100 lb; less amount 1½c per lb.

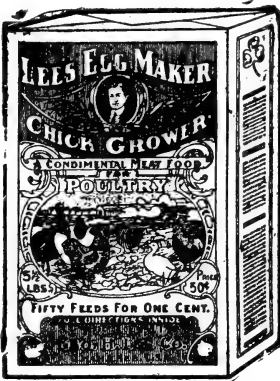
COARSE CUT CLOVER. 100 lb. bag, \$2.25.



LEE GERMOZONE. A wonderful cure and preventer of Roupe, Cholera, Bowel Complaint, Chicken Pox and similar poultry diseases. Keep a bottle on hand all the time. It will be too late if you wait until your birds are affected with the disease. In bottle, 50c each. In tablets, 50c per box.



LEE'S INSECT POWDER. Harmless to the little chick or grown fowls; will kill chicken lice, mites, roache sand all other small insects. In 15 oz. packages, 25c each.



LEE'S EGG MAKER. The most highly concentrated form of meat food. One pound of which is equal to 16 pounds of fresh meat, and which has an actual tested protien feeding value in excess of 80 per cent. 2½ lb. package, 25c each.



LEE LICE KILLER. Is a distillation of coal tar and sulphur products. It don't require contact with the vermin for Lee's Lice Killer to kill. Painted or sprinkled on the roosts or dropping boards an hour before roosting time it kills, not only the mites or lice with which it comes in contact but also all vermin on the bodies of the chickens. 1 qt. can, 35c; ½ gal., 60c; 1 gal., \$1.00.

PRATT'S EGG PRODUCER. The oldest and one of the best egg producers on the market. 25c per package; \$2.25 per dozen.

PRATT'S ANIMAL FOOD. One of the very best condition powders on the market, will do the work. 25c per package; \$2.25 per dozen.

- International Poultry food25c per package.
- International Stock food25c per package
- International Colic Cure50c per package
- International Scaley Leg25c per package
- International Pheno Chloro25c per package
- International Gall Cure25c per package
- International Harness Soap25c per package

GALVANIZED GRIT AND SHELL BOX. Divided in three sections for grit, char coal and oyster shells, 50c each.

GALVANIZED FOOD HOPPER. Divided in two sections, used for masch and beef scraps, 75c each.

BOSTON HOPPERS. The best hoppers on the market. Chick food hopper, \$1.00 each; masch hopper, \$1.00 each; grain hoppers, 90c each.

EUREKA EGG BOXES. For shipping setting eggs. This box is made of corrugated paper and provides a cushion for eggs to keep them from breaking; two sizes (1 setting size 15 eggs, 20c each; per dozen boxes, \$1.80); (2 setting eggs 30c each, per dozen boxes, \$2.40.)

HEN FRIEND DRINKING FOUNTAINS. One quart size 25c; 4 quart size, 50c each; 8 quart size, 75c each.

STONEWARE FOUNTAINS. The best fountain to use. Sanitary and easily cleaned. 1 quart size, 35c each; 2 quart size, 50c each; 4 quart size, 75c each.

POULTRY PUNCHES. To mark in the web of small chicks. 25c each.

MEDICATED SALT BRICKS. For stock, 25c each.

PURE SALT BRICKS. For stock and pigeons, 20c per brick; holders, 25c each.

ADJUSTIBLE LEG BANDS. Numbering in lots from 1 to 25, and 1 to 50 and 1 to 100. In 25 band lots, 30c; in 50 band lots, 60; in 100 band lots, 85c.

HAND SYRAYERS. All brands in tin, galvanized iron, glass, and we have also heavy barrel sprayers and bucket sprayers. Write for prices.

GOULD SPRAYERS. We have a complete line of Gould Sprayers. Write for catalogue.

CHINA NEST EGGS. 25c per dozen.

MEDICATED NEST EGGS. Get rid of the mites and lice. 10c each; 50c per dozen.

TOBACCO STEMS. Per lb., in quantity lots, 5 c; single pound, 10c.

INCUBATOR and BROODER SUPPLIES

INCUBATOR THERMOMETERS. The best thermometer on the market, each one has been tested before leaving the factory. 65c each.

BROODER THERMOMETERS. Easily read and reliable, also has been tested before leaving the factory. 45c each.

CYPHERS XRAY EGG TESTER. Every poultryman ought to have an egg tester. 25c each.

INCUBATOR BURNERS. No. 0, 30c each; No. 1, 40c; 2 or 3, 50c each.

TIN DISC. With wire attachment, 10c each.

CHIMNEYS, 20c each.

NEW THERMOSTAT. No. 0, \$1.50; Nos. 1, 2, 3, \$2.00 each.

BRASS CONNECTING RODS. No. 0, 20c each; Nos. 1, 2 or 3, 25c each.

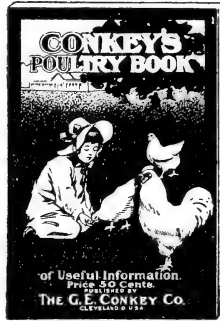
MANN'S GREEN BONE CUTTERS. No. 5 B, \$8.00 f. o. b. this city; No. 5 B M, \$10.40, f. o. b. this city; No. 7, \$12.00 f. o. b. this city.

IMPLEMENTS

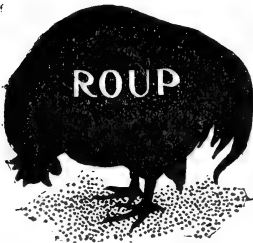
BROADCAST SEED SOWERS. The difficulty in sowing is entirely overcome by the use of our Broadcast Seed Sowers. In wooden boxes for shipment, \$1.25 each.

IMPLEMENTS. We have a complete line of garden tools and plant. Jr. Plows. Write for prices.

CONKEY'S POULTRY DISEASE. Guaranteed to Cure



CONKEY'S POULTRY DISEASE BOOK MAILED UPON REQUEST, EVERY POULTRYMAN SHOULD HAVE IT. WE WILL MAIL UPON REQUEST FREE OF CHARGE.



CONKEY'S ROUP REMEDY. Is a scientifically prepared medicine. Coming in contact with the membranes of the throat and mouth, the seat of the disease, it kills the germs which are so rapidly multiplying. It is quickly taken up by the system and, being a strong tonic and blood purifier, it cleanses the blood, builds up the system, and assists nature in every possible manner to throw off the disease. 25c per package; 50c per package, and \$1.00 per package.



CONKEY'S CHOLERA CURE. Is the great common-sense insurance against a great variety of the troubles known to poultrymen. It should be kept on hand by every one who raises little chicks, as it will be needed at once on appearance of disease. We guarantee it to satisfy you. Prices 25c and 50 a package.

CONKEY'S BRONCHITIS REMEDY. Will do the work and is highly recommended by all poultry raisers. 50c per package.

CONKEY'S GAPE CURE. This is a reliable remedy for this deadly and annoying disease. 50c per package.

CONKEY'S CHICKEN POX REMEDY. It is a reliable remedy for a most disgusting and dangerous disease. It is a very contagious and loathsome disease and can be cured if taken in anything like proper time. 50c per package.

CONKEY'S LIMBER NECK REMEDY. Limber neck may prove to be a very fatal disease. 50c per package.

CONKEY'S SCALY LEG REMEDY. Scaly leg is a parasitic disease and must be checked at once. Conkey will do it. 50c per package.

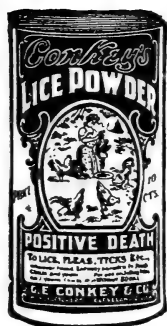
CONKEY'S WHITE DIARRHOEA REMEDY. This is one of the greatest aids to the poultryman of any known remedy put out. 50c per package.



CONKEY'S POULTRY TONIC. Is a remedy especially valuable for fowls run down, off feed, recovering from disease, or during moulting season. 25c per package.

CONKEY'S POULTRY LAXATIVE. A reliable laxative is often needed by itself, or in connection with another poultry remedy. 25c per package.

CONKEY'S HEAD LICE OINTMENT. Will do the work. 10c per package.

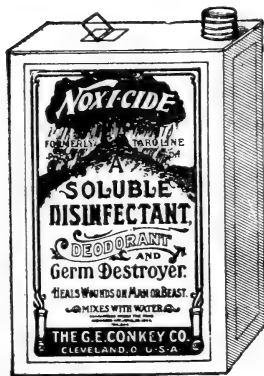


CONKEY'S LICE POWDER. For successfully killing body lice on fowls, nothing can equal a powder which is properly made. 25c per package.

CONKEY'S LICE LIQUID. There are a great many poultrymen who do not seem to understand that mite requires entirely different treatment than the ordinary louse. To be used in sprayers or painted on roosts, dropping boards and in nests. 35c per quart can; 60c per ½ gal.

CONKEY'S LAYING TONIC. In order for the hen to lay the greatest number of eggs, her health must be in perfect condition and egg producing organs kept free from irritation and disease. 25c per package.

CONKEY'S FLEA SALVE. This is a specific exterminator for the stricktight or southern flea. 25c per package.



CONKEY'S NOXCIDE. This is the poultryman's best friend. The majority of dangerous poultry diseases may be traced to the presence of germs which thrive in filth and uncleanness. 35c per pt. can; 60c per quart can.

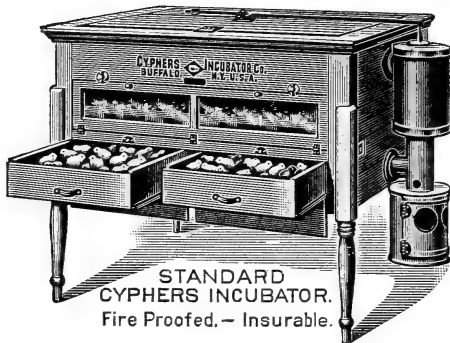
EGGS FOR HATCHING

We are prepared this season to supply eggs for hatching from fancy, high grade, thoroughbred stock of Buff Wyandotts, White Wyandotts, White Leghorns and White Rocks. From Prize Winning Stock. Write for prices. Special prices in quantity lots.

WE ARE AUTHORIZED AGENTS FOR

GENUINE **Standard Cyphers Incubators** PATENTED

(Look for Trade Mark—Demand the Label)



STANDARD
CYPHERS INCUBATOR.
Fire Proofed.— Insurable.

STANDARD
CYPHERS INCUBATOR
Fire Proofed-Insurable.

Practical poultry raisers who mean business and desire the greatest possible success should look for and DEMAND the qualities that have made Cyphers Incubators WORLD FAMOUS.

FIRE-PROOFED
INSURABLE
SELF-VENTILATING
SELF-REGULATING
NON-MOISTURE
EFFICIENT, DURABLE and
POSITIVELY GUARANTEED.

FOR 1911

We offer our customers the Cyphers Company's complete line of incubators and brooders—the *best on the market*. For years the Cyphers Incubator has been consistently improved, always *maintaining its leadership*, until today it represents all that is most *efficient, convenient and reliable* in incubator construction.

TO OWN A CYPHERS is to have an incubator that stands *first*, not only because it has affixed to it the fire insurance label granted by the National Board of Fire Underwriters and bears a world-wide reputation, but because of the *well established fact* that it is *the best hatcher* of large, vigorous, livable chicks. It is positively guaranteed to *outhatch any other make of incubator* under widely-varying conditions, season after season, and to *last ten years without repairs*.

THE PRINCIPLES OF CONSTRUCTION that have made Cyphers Incubators "the world's standard hatchers" for the last twelve to fifteen years *remain unchanged* in the 1911 pattern. Their patented features, their entire freedom from the bothers, disappointments and losses common to the "cheap" or "bargain" incubator, make these high-class machines the best for you to own *first, last and all the time*. They are used with unequalled success in all parts of the civilized world, *under every practical condition* by men and women *in all walks of life*. They are *money savers and money makers* for poultry raisers who "mean business"—for men and women who want a *real incubator* with which to get out of poultry keeping all the *profit* and all the *pleasure* there is in it.

CYPHERS INCUBATORS have now been on the market *fifteen years* and today are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms and by a larger number of foremost poultry breeders *than all other makes combined*. For proof of these statements send to us for a copy of Cyphers Incubator Company's latest complete catalogue—1911 edition—now ready for mailing, free on request. Book contains 212 pages, 7½x10 inches.

EVERY STANDARD CYPHERS INCUBATOR IS GUARANTEED by the manufacturers to do first-class work *in the hands of every purchaser* who will give it a fair trial and we hereby place our guarantee back of theirs. *In buying a Cyphers you take no chances*. Persons who earnestly desire to succeed in the poultry business should have the right tools with which to work. Write us today for free illustrated catalogue telling all about these superior hatching machines.

SIZES AND PRICES OF CYPHERS FIRE-PROOFED INCUBATORS FREE ON BOARD CARS.

No. 0 Holds 70 Hen Eggs....\$15 00	No. 2 Holds 244 Hen Eggs....\$32.00
No. 1 Holds 144 Hen Eggs.... 22.00	No. 3 Holds 390 Hen Eggs.... 38.00

NOTICE: The above prices are *factory prices*. In buying of us you save on freight and also save valuable time. Goods are carried in stock by us the year around. Remember that time is money.

INSECTICIDES

HAMMND'S SLUG SHOT. A safe insecticide and combines utility with cheapness. Can be used with the small dust spray. Saving 50%. Five pound package, 35c, f. o. b. this city.

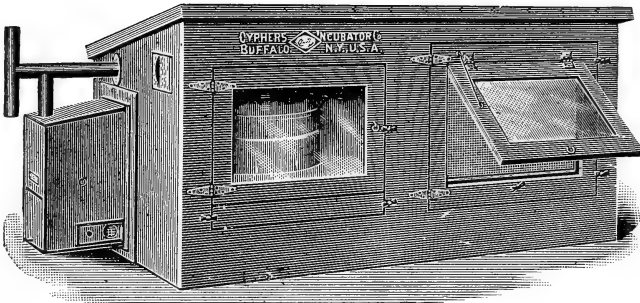
PARIS GREEN. PURE. 1 lb., 35c; 5 lbs., 32 1-2c f. o. b. this city.

DRY BORDEAUX MIXTURE. Ready for use by simply adding water. 1 lb., 35c; 10 lbs., 30c per lb., f. o. b. this city.

PARIS GREEN AND BORDEAUX, Dry Mixtures for use in dust guns and blow guns. 7 lb., 35c; 10 lbs., 32 1-2c f. o. b. this city.

WE ARE AUTHORIZED AGENTS FOR

Standard Cyphers Combination Brooders AND COLONY ROOSTING COOPS FOR 1911



STYLE B OUTDOOR BROODER
(Three apartments. Safest and most popular
"Foster Mother" ever designed.)

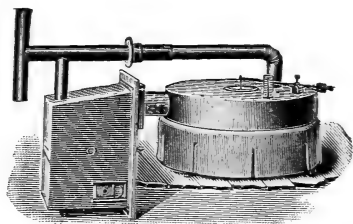
Cyphers Unequalled Apartment Brooders and combination roosting coops have the same important advantages over all other makes that are possessed by Cyphers Company's 1911 incubators, in that they are fire-proofed and insurable, having the first fire insurance inspection label ever granted on a brooder.

CYPHERS 1911 BROODERS, every size and style, are self-regulating, self-ventilating and varmint proof. The outdoor styles are useable also as colony coops for the growing chicks. They are easily and quickly converted into colony roosting coops by simply taking out the hover, which is made removable for that purpose.

THIS DOUBLE USE of the Cyphers Brooder means a considerable saving of money. It makes a safe and comfortable enclosure for the young chicks at night and saves the buying of a coop for them. These outdoor brooders, on account of their fire-proof construction, can be used indoors, although we supply a special brooder, Style D. for indoor purposes. All Cyphers 1911 Brooders, both outdoor and indoor, contain either two or three apartments. The popular Style B (shown in illustration herewith), contains three apartments—first, roomy space under the hover; second, hover chamber; third, well-lighted exercising apartment. It has often been said by users of the Cyphers Brooders that

THEY MOTHER CHICKS BETTER THAN a HEN

AN IMPORTANT REASON for this is found in the great practical advantage possessed by the entire line of Cyphers Brooders for 1911 in their self-regulating feature. For years the self-regulator was attached only to the highest priced Cyphers Brooder (Style C), but it was so well received that now it is attached to all the Cyphers Company Brooders. It automatically regulates the heat in the brooder underneath the hover at all times, whereas in brooders without a regulator the heat has to be governed by a



ALL METAL ADAPTABLE HOVER.

(Self Regulating and Bears Insurance Label as Separate Device.)

continuous watching of the lamp and turning the wick up or down whenever more or less heat is required.

IN ADDITION to this unequalled line of brooders, we offer separately the Cyphers Company's world's challenge *Adaptable Hover*. This machinery-made, all-metal, guaranteed fire-proof heating and brooding device is *suitable to be used anywhere* that heat is required for brooding chicks or ducklings. It can be used in a roosting coop, colony house, shed, hen house, barn or other building with or without any additional enclosure for the chicks or in a large goods case or organ or piano box.

Is pronounced by thousands of users to be the best device thus far invented for heating home-made brooders. Recommended especially for use in long brooding houses, one hover for each pen. Adaptable hover is complete in itself, *bears insurance label as a separate device*, and is safe to use anywhere. Weight, boxed for shipment, only 40 pounds.

COMPLETE CATALOGUE for 1911 contains fully illustrated description of this *Self-regulating*, fire-proofed hover, also of the entire line of Cyphers apartment brooders.

SIZES AND PRICES OF CYPHERS ADAPTABLE HOVER AND COMBINATION.

BROODERS FREE ON BOARD CARS.

Adaptable Hover, Capacity 75 Chicks.....	\$ 8.50
Style A, Two Apartment Outdoor Brooker, Capacity 75 Chicks.....	12.50
Style B, Three Apartment Outdoor Brooder, Capacity 100 Chicks....	16.50
Style C, Three Apartment Outdoor Brooder, Capacity 100 Chicks.....	18.50
Style D, Three Apartment Indoor Brooder, Capacity 75 Chicks.....	11.50

NOTICE: The above prices are factory prices. In buying of us you save on freight and also save valuable time. Goods are carried in stock by us the year around. Brooders shipped knocked-down at low freight rates.

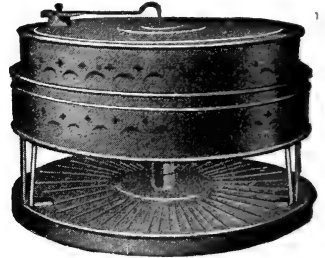


A LITTLE POULTRY AND A LIVING

Is the title of a booklet we will mail free. It was written by the author of the Philo System Book, who makes every one of his hens pay him a profit of \$50.00 to \$100.00 each.



Cycle Brooder Hatcher, a complete all-metal, fire-proof hatching and brooding plant for only \$8.50



The All-Metal 50-Egg Cycle Hatcher, only \$6.50 complete

OUR NEW DISCOVERIES MAKE POULTRY KEEPING EASY AND PROFITS SURE

Cycle Brooder Hatcher, a complete all-metal, fireproof hatching and brooding plant for only \$8.50

The All-Metal Cycle Hatcher, only \$6.50 complete.

Our machines were used exclusively in the original Philo System plant, where over \$1,500 from 60 Hens in Ten months has been cleared from the sale of eggs, baby chicks and fowls raised on a city lot 40 feet square. One of the largest hatching plants in America saved over \$700 this year by using our system of brooding. We sell the best brooder ever made for only \$2.50.

One party hatched and raised \$500 worth of poultry last year with four metal mothers and hundreds of others are delighted with our machines and our new way of raising poultry. Our combined machine hatches and broods perfectly at the same time with only one lamp and one-fifth the oil used in other machines. Once filling the lamp completes the hatch. It runs as steadily as a clock in any room from cellar to garret, and our Long Burning Safety Lamp runs on for weeks without attention. It is the only machine that airs the eggs in the natural way and applies the heat to the chicken like the mother hen.

LIVE STOCK DEPARTMENT

SINGING CANARIES.

We have a complete line of singing canaries (all birds are extra fine singers), German Male Canaries \$3.00 each; St. Andresbery Rollers \$6.00 each. English Canaries \$5.00 each. Female birds are kept in stock during the breeding season from \$1.25 to \$1.50 each.

GOLD FISH.

Fancy Gold and Silver Fish. Have on hand at all times an extra fine selection of fish. Small size 20c each; Medium size 25c each; Large size 30c each.

Fish food -0c per package. Aquariums from 35c up.

TALKING PARROTS.

Have on hand at time Extra Fine Double Headed Mexican Parrots, also Single Headed Mexican Parrots, write for prices.

HOMER PIGEONS.

Extra fine breeders, White Homers \$2.00 per pair, Blue Homers \$1.50 per pairs.

DOVES.

Ringneck doves. A Domestic dove, one of the best pets, \$1.50 to \$2.00 per pair.

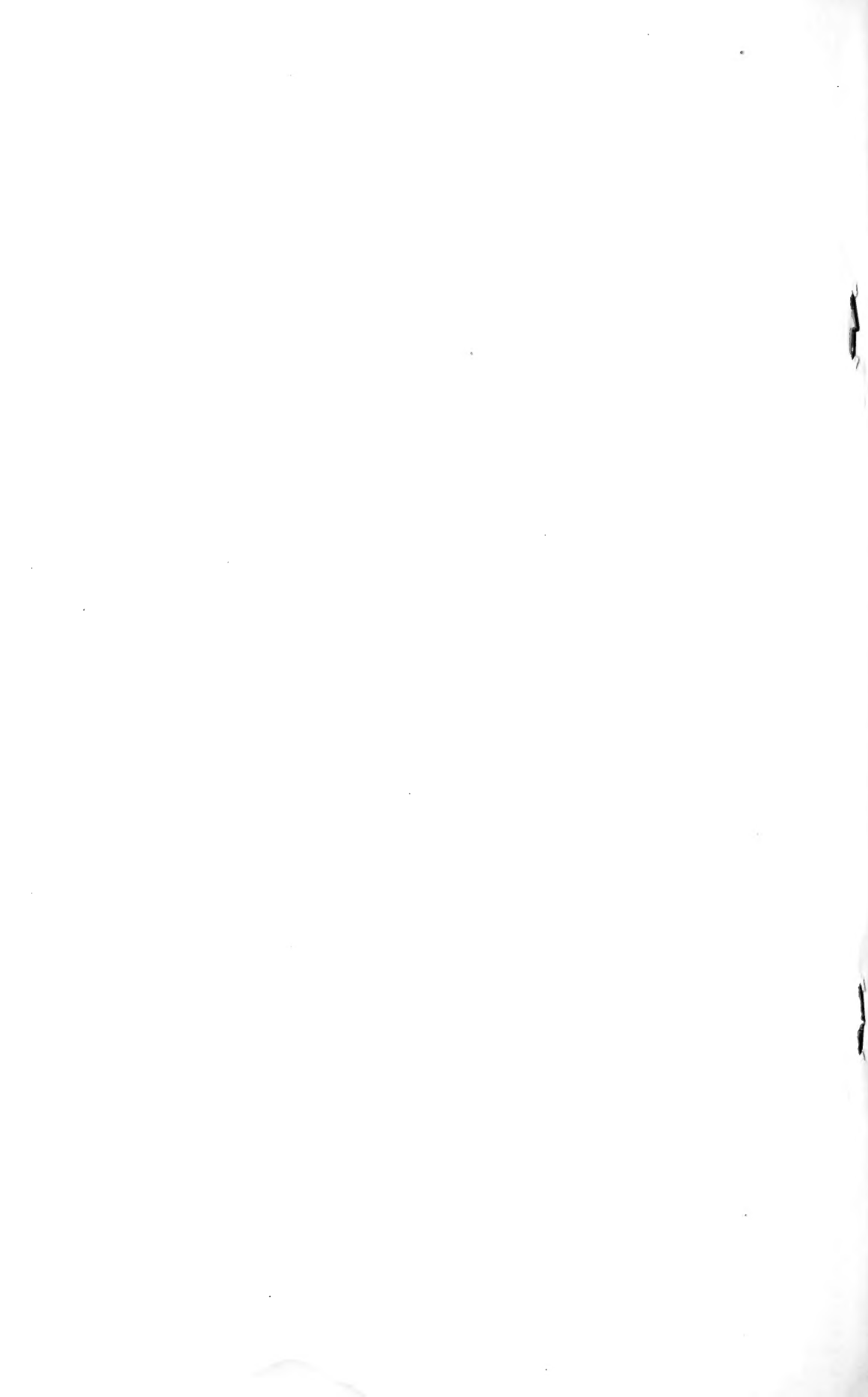
RABBITS.

White, mixed colors and genuine Belgium Rabbits. Write for prices.

CAGES.

Canary Bird Cages. All sizes and styles. Parrot Cages all sizes and styles. Write for prices.

WE HAVE EVERY WANT FOR THE POULTRY AND PET STOCK YARDS. WRITE US WE CAN SUPPLY YOU YOUR WANTS.



Reference Tables

Quantity of Seed Requisite to Produce a Given Number of Plants and Sow an Acre

	Quantity per acre.
Artichoke, 1 oz. to 500 plants.....	6 oz.
Asparagus, 1 oz. to 800 plants.....	1 lb.
Asparagus Roots	1000 to 7250 bu.
Barley	2 1-2 bu.
Beans, Dwarf, 1 pint to 100 ft. of drill 1	"
Beans, pole, 1 pint to 100 hills.....	1-2 "
Beet, garden, 1 oz. to 100 ft. of drill..	7 lbs.
Beet, mangel, 1 oz. to 100 ft. of drill..	5 "
Broccoli, 1 oz. to 5,000 plants	2 oz.
Brussels Sprouts, 1 oz. to 5,000 plants 2	"
Buckwheat	1-2 bu.
Cabbage, 1 oz. to 3,000 plants	2 oz.
Carrot, 1-4 oz. to 100 feet of drill....	2 1-2 lbs.
Cauliflower, 1 oz. to 3,000 plants	2 1-2 oz.
Celery, 1 oz. to 15,000 plants	2 "
Chicory	4 lbs.
Clover, Alsike and White Dutch	6 lbs.
" Lucerne	15 to 25 "
" Crimson Trefoil	10 to 15 "
" Large Red and Medium	8 to 12 "
Collards, 1 oz. to 5,000 plants.....	2 oz.
Corn, rice (shelled)	2 qts.
Corn, sweet, 1-4 pint to 100 hills.....	6 "
Cress, 3-4 oz. to 100 feet of drill.....	12 lbs.
Cucumber, 1 oz. to 100 hills.....	1 to 3 "
Egg Plant, 1 oz. to 2,000 plants	4 oz.
Endive, 1-4 oz. to 100 feet of drill..	4 1-2 lbs.
Flax, broadcast	1-2 bu.
Garlic, bulbs, 1 lb. to 10 feet of drill...	"
Gourd, 2 oz. to 100 hills.....	2 bu.
Grass, Blue, Kentucky	2 bu.
" Blue, English	1 "
" Hungarian and Millet	1-2 "
" Mixed Lawn	3 to 5 "
" Red Top, Fancy Clean	8 to 10 lbs.
" Red Top, Chaff Seed	20 to 28 "
" Timothy	1-4 bu.
" Orchard, Perennial Rye, Fowl	"
" Meadow and Wood Meadow	2 bu.
Hemp	1-2 bu.
Horse Radish Roots	10,000 to 15,000 bu.
Kale, 1 oz. to 5,000 plants	2 oz.
Kohl Rabi, 1-3 oz. to 100 feet of drill..	4 lbs.
Leek, 1-3 oz. to 100 feet of drill.....	4 "
Lettuce, 1-4 oz. to 100 feet of drill....	3 "
Martynia, 1 oz. to 100 feet of drill..	5 "
Melon, Musk, 1 oz. to 100 hills..	1 to 3 "
" Water, 4 oz. to 100 hills..	1-2 to 4 "
Nasturtium, 2 oz. to 100 feet of drill 15	"
Okra, 1 oz. to 100 feet of drill.....	3 "
Onion Seed, 1-3 oz. to 100 feet of drill	4 to 5 "
Onion Seed, for sets	40 to 80 "
Onion Sets, 1 qt. to 40 ft. of drill..	3 lbs.
Parsnip, 1-4 oz. to 100 feet of drill....	3 bu.
Parsley, 1-4 oz. to 100 feet of drill....	3 "
Peas, garden, 1 pint to 100 ft. of drill	1 to 3 bu.
Peas, field	2 "
Pepper, 1 oz. to 1,500 plants.....	3 oz.
Pumpkin, 1-3 qt. to 100 hills.....	3 to 4 lbs.
Radish, 2-3 oz. to 100 feet of drill 10 to 12	"
Rye	1 1-2 bu.
Salsify, 3-4 oz. to 100 ft. of drill....	8 lbs.
Spinach, 1-2 oz. to 100 feet of drill....	8 "

Quantity of Seed, etc., continued

	Quantity per acre.
Spurry	15 lbs.
Summer Savory	3-4 "
Sunflower	3 "
Squash, Summer, 1 oz. to 100 hills....	2 "
" Winter, 2 oz. to 100 hills.....	2 "
Tomato, 1 oz. to 4,000 plants	1 oz.
Tobacco, 1 oz. to 5,000 plants.....	2 "
Turnip, 1 oz. to 250 feet of drill..	1 to 3 lbs.
Vetches	2 bu.

Legal Weights and Measures

POUNDS PER BUSHEL.

ARTICLES	Pounds per Bushel							
	Ills.	Iowa.	Wis.	Mich.	Ind.	Mo.	N. Y.	Ohio.
Apples, dried ..	24	24	28	22	25	24	22	22
Apples, green ..	50	50	57	50	50	50	50	50
Bran	20	20	20	20	20	20	20	20
Barley	48	48	48	48	48	48	48	48
Beans, white ..	60	60	60	60	60	60	60	60
Beans, Castor ..	46	46	46	46	46	46	46	46
Buckwheat	52	52	50	48	50	52	48	50
Broom Corn Seed ..	46	46	46	46	46	46	46	46
Beets	60	60	50	50	50	50	50	56
Carrots	55	55	50	50	50	50	50	50
Charcoal	22	22	22	22	22	22	22	22
Coal, stone	80	80	80	80	80	80	80	80
Coke	40	38	38	38	38	38	38	40
Corn, shelled ..	56	56	56	56	56	56	56	56
Corn, ear	70	70	70	70	68	70	70	68
Corn Meal	48	48	48	50	50	50	50	50
Cranberries	33	33	33	33	33	33	33	33
Dried Peaches ..	23	23	28	28	33	33	32	33
Flax Seed	56	56	56	56	56	56	56	56
Grass Seed, Blue ..	14	14	14	14	14	14	15	10
" Clover	60	60	60	60	60	60	60	60
" Hungarian ..	48	48	48	50	48	48	48	50
" Millet	50	48	50	50	50	50	50	50
" Orchard	14	14	14	14	14	14	14	14
" Red Top	14	14	14	14	14	14	14	14
" Timothy	45	45	45	45	45	45	44	45
German Lupine ..	60	60	60	60	60	60	60	60
Hemp Seed	44	44	44	44	44	44	44	44
Hickory Nuts	50	50	50	50	50	50	50	50
Malt, Barley	38	36	34	38	38	38	34	34
Mineral Coal	40	40	40	40	40	40	40	40
Middlings, fine ..	40	40	40	40	40	40	40	40
" coarse	30	30	30	30	30	30	30	30
Oats	32	32	32	32	32	32	32	32
Onions	57	57	57	54	48	57	57	50
Onions, tops	28	28	28	28	28	28	28	25
Onions, sets	32	32	32	32	32	32	32	32
Osage Orange	33	33	33	33	33	33	33	33
Parsnips	55	55	55	55	55	55	55	55
Potatoes	60	60	60	60	60	60	60	60
Potatoes, Sweet ..	50	46	55	56	55	56	55	60
Peas, dried	60	60	60	60	60	60	60	60
Peas, in pods	32	32	32	32	32	32	32	32
Pop Corn	70	70	70	70	70	70	70	70
Quick Lime	80	80	80	80	80	80	80	80
Rye	56	56	56	56	56	56	56	56
Salt, coarse	50	50	50	50	50	50	50	50
Salt, fine	55	50	56	56	50	56	50	56
Turnips, Rutabagas	55	55	56	58	55	50	55	60
Turnips, white	42	42	42	42	42	42	42	42
Wheat	60	60	60	60	60	60	60	60

Number Plants or Trees to Acre

Dis. apart.	No. plants.	Dis. apart.	No. plants.
12x 1 in.	522,720	36x36 in.	4,480
12x 3 in.	174,240	42x12 in.	12,446
12x12 in.	43,560	42x24 in.	6,223
16x 1 in.	392,040	42x36 in.	4,148
18x 1 in.	348,480	48x12 in.	10,890
18x 3 in.	116,160	48x18 in.	7,790
18x12 in.	29,040	48x24 in.	5,445
18x18 in.	19,360	48x30 in.	4,356
20x1 in.	313,635	48x36 in.	3,630
20x20 in.	15,681	48x48 in.	2,723
24x 1 in.	261,360	60x36 in.	2,901
24x18 in.	15,520	60x48 in.	2,178
24x24 in.	10,890	60x60 in.	1,743
30x 1 in.	209,088	8x 1 ft.	5,445
30x16 in.	13,068	8x 3 ft.	1,815
30x12 in.	17,424	8x 8 ft.	680
30x16 in.	73,068	10x 1 ft.	4,356
30x20 in.	10,454	10x 6 ft.	726
30x24 in.	8,712	10x10 ft.	435
30x30 in.	6,970	12x 1 ft.	3,630
36x 3 in.	58,080	12x 5 ft.	736
36x12 in.	14,520	12x12 ft.	302
36x18 in.	9,680	16x 1 ft.	2,722
36x24 in.	7,260	16x16 ft.	170

TIME REQUIRED FOR MATURITY OF GARDEN CROPS, FROM TIME OF SOWING THE SEED.

AVERAGE TIME REQUIRED FOR GARDEN SEED TO GERMINATE.

	Days		Days
Beans, String	45 to 65	Bean	5 to 10
Beans, Shell	65 to 70	Beet	7 to 10
Beets, Turnip	65	Cabbage	5 to 10
Beets, Long Blood.	150	Carrot	12 to 13
Cabbage, Early	105	Cauliflower ..	5 to 10
Cabbage, Late	150	Celery	10 to 20
Cauliflower	110	Corn	5 to 8
Corn	75	Cucumber	6 to 10
Eggplant	150 to 160	Endive	5 to 10
Lettuce	165	Lettuce	6 to 8
Melon, Water	120 to 140	Onion	7 to 10
Melon, Musk	120 to 140	Pea	6 to 10
Onion	135 to 150	Parsnip	10 to 20
Pepper	140 to 150	Pepper	9 to 14
Radish	30 to 45	Radish	3 to 6
Squash, Summer	60 to 65	Salsify	7 to 12
Squash, Winter	150	Tomato	6 to 12
Tomato	150	Turnip	4 to 8
Turnip	60 to 70		

