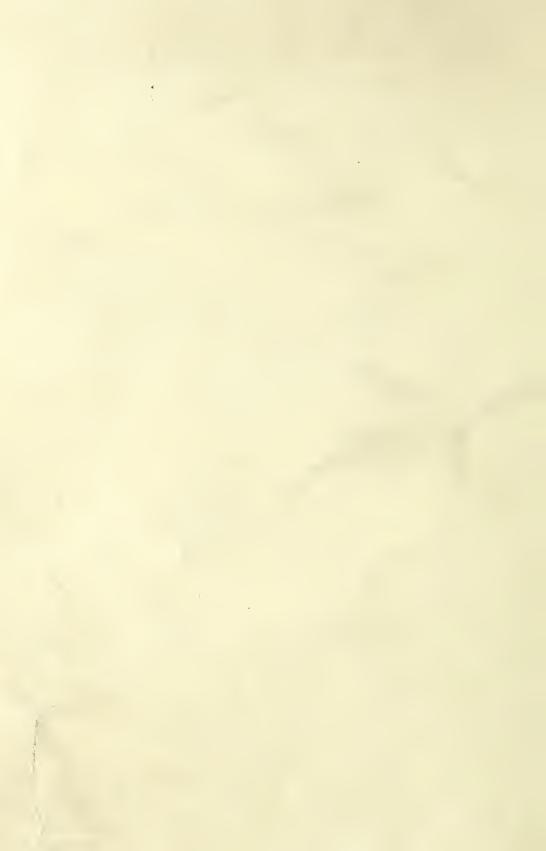
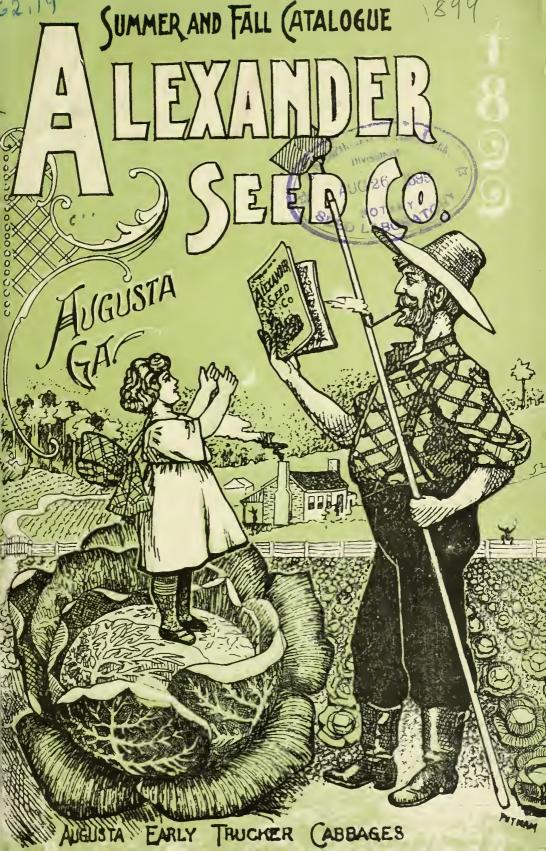
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Do not assume content reflects current scientific knowledge, policies, or practices.





SEED CATALOGUE.

To Our Patrons:

At the outset of this announcement to our customers and friends we want to apologize to the few of those who sent us their orders in the spring which were unavoidably delayed in shipment. We had fully provided, we thought, every convenience for the filling of orders the day of receipt, but the large increase of orders over anything that we could have reasonably anticipated, made it impossible for us to execute all our orders with the promptness with which we had hoped. We have now largely increased our facilities, and hereafter, those who favor us with their orders will not have complaints either in promptness with which orders will be filled or in the liberality with which our patrons will be treated. We believe ours to be the best equipped Seed Store in the South. Every lot of seeds received by us are carefully tested, and labeled with date so that our patrons can be more fully assured that seeds bought by them are true to name, and of the best germinative quality. We attribute our great success in the seed business to the fact that for 26 years we have unceasingly studied the different varieties of Garden, Field and Flower Seeds best adapted to southern cultivation with a view to giving our customers the most reliable seeds. Our prices will be found as close as those of any reliable seed house. We beg to call your attention to a few of the thousands of testimonials voluntarily sent us, which we publish in this catalogue. Your orders solicited whether large or small. Send to us; we promise prompt shipment, intelligent service, and surely the best quality of seeds to be obtained.

Very truly yours,

ALEXANDER SEED CO.

We take pleasure in recommending **THE FRUITLAND HURSERIES**, of Augusta, Ga., established in 1857 by P. J. BERCKMANS, and still conducted by him and his sons, now incorporated as the P. J. BERCKMANS CO. Those wanting **Fruit and Ornamental Trees** suited to our southern climate cannot be better suited than to deal with them. Their illustrated Catalogue mailed free by addressing them. Mention our Catalogue.

Seeds For Market Gardeners—We are in position to give Market Gardeners as low prices as those of any reputable house in the South. Our stocks are the very best we can obtain, and true to name. We invite inquiries, and will give prices to those who write us.

Discounts and Allewances on Orders—Please bear in mind that allowances named below APPLY ONLY TO ORDERS FOR VEGETABLE SEEDS in packets, ounces, quarter, half and pound packages, pints and quarts at retail prices, AND NOT ON FIELD SEEDS, CLOVERS, GRASSES.

Purchaser remitting Fifty Cents can order seeds as above, amounting to Sixty Cents Purchaser remitting \$1.00 can order seeds as above, amounting to \$1.25. Purchaser remitting \$2.00 can order seeds as above, amounting to \$2.50. Purchaser remitting \$3.00 can order seeds as above, amounting to \$3.75. Purchaser remitting \$4.00 can order seeds as above, amounting to \$5.00. Purchaser remitting \$5.00 can order seeds as above, amounting to \$6.25. Purchaser remitting \$7.50 can order seeds as above, amounting to \$9.50. Purchaser remitting \$10.00 can order seeds as above, amounting to \$13.00.

Seeds For Merchants—Merchants will find our regular line of seeds, which are put up in papers to retail at 2½ cents each, an attractive packet to sell. Our papers contain as much seed as those of some houses whose price is higher. Our seeds are easy to sell because they are well known The wide reputation we have for selling the very highest and best quality of seeds will be found fully sustained in our papered seeds. Merchants' sales would be largely increased by selling our seeds. We make low price to those who buy in quantity. Send for our Trade Price List.

Directions For Ordering Seeds—Write your name, postoffice, county and state on every order or letter sent. Send cash with order, observe cost of postage and include with your remittance. Remit by Postoffice Order, Express Money Order, Drafts on Augusta or New York, or Register your letter. Do not send local checks. Notice—Have all remittances drawn plainly to ALEXANDER SEED CO. We accept postage stamps same as cash.

C. O. D. Ordors—We do not ship goods C. O. D. unless one-half the estimated amount of the bill accompanies the order From this rule we do not deviate,

Shipping—We can mail packages of seeds weighing up to four pounds. The rate is eight cents per pound. The express rate is not any more. If your office is an express office, so notify us, we will send in that way. Heavier shipments by express or freight as you direct.

While we use every effort to procure the best varieties of seeds, and such as are fresh and genuine, our guarantee does not extend beyond our honest efforts and intentions. Address,

ALEXANDER SEED CO.,

632 BROAD STREET,

AUGUSTA, GA.

HICKS' ALMANAC FOR 1899 FREE.

With orders for \$1.00 worth of seeds in papers and packets at retail Catalogue prices, we will send face of Charge, one of Hicks' Almanacs for 1809. Patron accepting Almanac as premium on \$1.00 order is not entitled to any other discount. So accurately in the past has Mr. Hicks predicted storms, tornadoes, cold waves, blizzards, drouths, frosts, etc., that he has gained a national reputation. We also sell these Almanacs, which will contain his weather foreasts for the year, at 25c, each; 30c, postpaid.



Good Gardens Made Better by Planting Our Seeds.

SUMMER OFFER, 1899

THE 4 FOR 25 CENTS.

WE WILL SEND BY MAIL, POSTPAID. A TEN CENT PACKET EACH, MAMMOTM RED OR PURPLE TOP GLOBE TURNIP, GEORGIA COLLARD, BON AIR RUTA-BAGA AND AUGUSTA EARLY TRUCKER CABBAGE, FOR 25 CENTS.

In the following pages we list only the best standard varieties of Vegetable Seeds, Grass Seeds, Flower Seeds, and such other articles as we think will be of value to our patrons.

SEEDS IN PAPERS BY MAIL POSTPAID

We pay postage on all packets, ounces, and one-fourth pounds. For half pounds, add 5 cents; one pound 10 cents; for half pint Peas and Beans add 5 cents; for one pint add 10 cents; for one quart add 15 cents for postage.

Extra Order Sheets and Envelopes will be mailed free to customers requesting them.

Vegetable Zeeds.

ASPARAGUS ROOTS.

These we furnish in the fall months. If wanted write to us about them. Palmetto—Two years old. Per 100, 75c.; 1000, \$6.00.



BEST OF ALL BEAN.

BEANS FOR LATE CROP.

We advise planting at intervals of two or three weeks, from June till September, for succession of summer crops. You will have abundant yield till killed by frost. Do not plant more than two inches deep, in 18-inch rows, three inches apart in the drill. One quart will plant 100-feet drill. These variet es do best for summer planting.

BUSH SNAP BEARS.

Never before in twenty years have Bush Beans been so scarce, therefore to high. Extra Early Valentine can not be had at any price and our stock, and the general stock all over the country, of the kinds below named, are very short.

Therefore, we would advise those wishing Bush Beans to order early.

"Best of All"—Very popular; green-podded snap and good shell bean. Packets, 2 for 5c.; 1-pint, 10c.; pint, 15c.; quart, 25c. If by mail, 1-pint, 15c.; pint, 25c.; quart, 40c.; postpaid.

Yellow Six Weeks—The old reliable snap; very early; quick to mature. Packets, 2 for 5c.; ½-pint, 10c.; pint, 15c.; quart, 25c. If by mail, ½-pint, 15c.; pint, 25c.; quart, 40c.; postpaid.

Early Refugee, or 1,000 to 1—A good variety for late crop. Round green pod; preferred by some to the Valentine. Packets, 2 for 5c.; ½-pint, 10c.; pint, 20c.; quart, 35c. If by mail, ½-pint, 15c.; pint, 30c.; quart, 50c.; postpaid.

Perfection Kidney Wax—The leading Wax Bean. Delicate waxy yellow; brittle; entirely stringless; fine buttery flavor. Packets, 2 for 5c.; pint, 15c.; pint, 25c.; quart, 40c. If by mail, ½-pint, 20c.; pint, 80c.; quart, 50c.; postpaid.

Mohawk, Six Weeks—Very early and productive; long, green-podded. Packets, 2 for 5c.; ½-pint, 10c.; pint, 15c.; quart, 25c. If by mail, ½-pint, 15c.; pint, 25c.; quart, 40c.; postpaid.

POLE OR RUNNING BEANS.

Southern Prolific—One of the best Pole snap varieties for the South; quick to mature; pods in clusters; brittle and tender. Packets, 2 for 5c.; ½-pint, 15c.; pint, 20c.; quart, 35c. If by mail, ½-pint, 20c.; pint, 80c.; quart, 50c.; postpaid.

Lazy Wife—Very prolific; pods four to six inches long, and borne in large clusters; stringless, tender and rich. As a snap or shelled bean, it is one of the best of the Poles. Packat, 10c. 1-pint, 15c.; pint, 20c.; quart, 35c. If by mail, 1-pint, 20c.; pint, 30c.; quart, 45c.; postpaid.

Corn Field or Cut Short—The old popular kind for planting among corn. Very prolific. Packets, 10c.; ½-¼ int 15c.; pint, 20c.; quart, 35c. If by mail, ½-pint, 20c., pint, 20c.; quart, 50c.; postpaid.

Mas. A. R. Andreson, Troup County, Georgia, May 1, 1899, says: "My seeds have all come up pretty, and garden looks well. My seeds were all bought from your house."



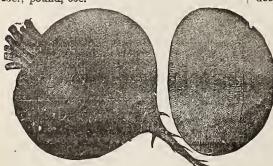
will sow 50-feet drill. If by mail add 5 cents for half pound and 10 cents for one pound, postage.

Early Eclipse-Very rapid grower; smooth, intense blood-red skin and flesh; fine grained and sweet. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 25c., pound, 50c.

Extra Early Red Turnip-Of fine quality; very productive. Will make in seven or eight weeks from sowing. Boils red; tender and sweet. papers, 2 for 5c.; ounce, 10c.; 4 ounces, 25c.; pound, 50c.

Edmund's Dark Blood Turnip—Little later than above, but of superior quality. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 25c.; pound, 50c.

Crosby's Improved Egyptian - A choice form of the Egyptian and consequently is very desirable. Thicker in body than the Egyptian; small necked and dark fleshed. Fine for early market. Packets, 5c.; ounce, 10c.; 4 ounces, 25c.; pound, 60c.



CROSBY'S IMPROVED EGYPTIAN BEET.

Extra Early Lentz—Of perfect turnip form; smooth roots; dark blood flesh; tender and sweet at all times, and very productive. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 25c.; pound, 60c.

Improved Long Blood-Very rich; flesh dark red; much esteemed for table in winter. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 25c.; pound, 50c.

Half Long Blood-Follows the red Turnip in maturity; dark blood-red; excellent for winter. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 25c.; pound, 50c.

White Flesh Sugar - Grows large and is sweet. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 15c.; pound, 40c.

WHEN ORDERING KINDLY SEND US
THE NAMES OF SUCH OF YOUR NEIGHBORS
WHO PLANT SEEDS, AND WOULD LIKE TO
HAVE OUR CATALOGUE.

MANGEL WURZELS.

The value of the Mangel Wurzels and Sugar Beets for feeding cattle, sheep and swine, especially in winter months, cannot be too highly estimated. By their use stock will improve in health and condition, yield of milk from cows be materially increased, and hay saved. Cultivation is simple, yield enormous, and cost trifling. Every farmer should have a patch. To save them for winter use, bank carefully in a dry situation, as you would potatoes. They should be sliced before feeding; mix well with a little bran, and if possible, steam them. For



MANGEL WURZEL.

deep soil the long va-rieties are best. Globes for sandy soil. Sow in rows two feet apart, thin to twelve to fifteen inches in row. Manure well. Five pounds seed will sow an acre. June, July and August are good months for sowing.

Golden Globe Mangel-Very large; excellent feeding qualities.

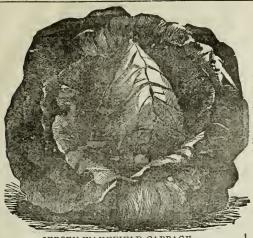
Golden Tankard Mangel-Half long; large, bright yellow and sweet.

Mammoth Long Red Mangel—One of the largest and best.

White French Sugar Beet-Grows large and very sweet.

Price, any of above, ounce, 10c.; 4 ounces, 15c.; 8 ounces, 30c.; pound, 50c.; postpaid.

W. D. Warren, Barnwell County, South Carelina, March 9, 1809, says: "Gentlemen—For the last four ears I have been using Augusta Early Trucker Cabbage Seed and have found it the best all-season abbage I have ever used. I planted in October and had eabbage all the winter. I want some of your land hat hats Bage, it is the funct Euta Baga I ever used."



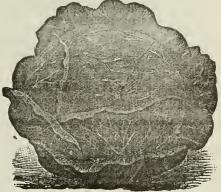
JERSEY WAKEFIELD CABBAGE.

CABBAGE.

As an evidence of the quality of the Cabbage sold by us, we can point with pride to the very large increase in our sales each year over the preceding one. No item in our Seed Department receives more care, thought and careful investigation, than does our Cabbage seed. Every pound of the seed we sell is grown for us by the best grower in the United States—one of many years experience. Under no circumstance would we permit seed of questionable character to go out of our house. Those who purchase Cabbage seed of us can depend on having crops of large, fine heads, and of best quality. We

caution our friends against cheap imported seeds —GET THE BEST.

CULTURE.—The soil should be deep, rich and heavily manured. August is a good month to sow for a winter crop. Plantings can be made to advantage up to early winter months. Keep the plants well watered. In transplanting, set the plants in the ground up to the first leaf, no matter how long the stems may be. Set in rows two feet apart and eighteen inches in row. Constant cultivation of growing crop is essential to success. One ounce of seed will produce about 3,000 plants. Six ounces will make enough plants for an acre.



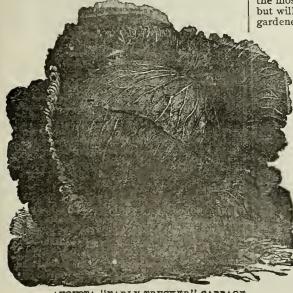
IMPROVED SURE HEAD CABBAGE.

Augusta Early Trucker—We claim that this is the best large early Flat Head Cabbage in existence, a variety which will not only give the most satisfactory results in "home gardens" but will prove of greatest value to the market gardeners of South Carolina. Georgia. Florida

gardeners of South Carolina, Georgia, Florida and Southern States. It suits all seasons; in fact, no cabbage grown approaches it in so many desirable qualities. Sown in the spring it makes the best summer crop, Sown in late summer months it makes the most reliable winter cabbage, which will keep through severest cold. Packet, 10c.; ounce, 35c; 4 ounces, \$1.00; 8 ounces, \$1.75; pound, \$3.50, postpaid.

Improved Sure Head—(Stock from the Originator). Remarkable for its certainty to head. Produces very large, flattened heads, weighing from ten to fifteen pounds; very uniform and firm; a favorite everywhere. Packets, 10c.; 3 for 25c.; ounce, 25c.; 6 ounces, \$1.00; pound, \$2.50.

Improved World Beater—(Stock from the Originator). It produces more uniformly large heads—hard and solid—than any cabbage known. Sure to head and solid as a rock; fine grained and tender; stalk short. Packets, 10c.; 8 for 25c.; Ounce, 25 cents; 4 ounces, 75c.; 6 ounces, \$1; pound, \$2.50.



AUGUSTA "EARLY TRUCKER" CABBAGE.

CABBAGE-CONTINUED.

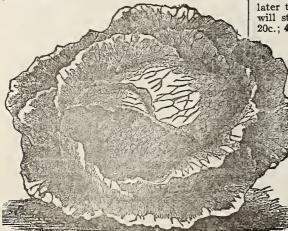


DANISH BALL-HEAD CABBAGE.

Buncombe (N. C.) Winter—The genuine seed, grown for us specially by an experienced grower in the mountains of North Carolina. Large, firm heads, very hardy; a good keeper; reliable to make solid heads when it is properly treated. For winter use sow from March to June; for spring heads sow in July, August or September. Packets, 10c.; 8 for 25c.; ounce, 25c.; 4 ounces, 75c.; pound, \$2.50.

EARLY TRUCKER CABBAGE FOR PREMIUMS SHOULD BE SENT IN PROMPTLY, SO THEY WILL REACH US NOT LATER THAN 12 O'CLOCK NOON, SATURDAY, JULY 1ST. DO NOT FAIL TO SEND YOUR CETTIFICATE WITH CABBAGE.

Extra Early Market—This is the earliest variety of all; the pioneer of early cabbages; the heads are of medium size and oblong. Packet, 10c.; ounce, 25c.; 4 ounces, 75c.; 8 ounces, \$1.25; pound \$2.00.



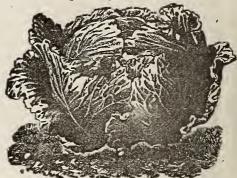
BUNCOMBE (NORTH CAROLINA) WINTER CABBAGE.

Danish Ball-Head—(Seed from Denmark). This variety is a true shipper; grows very close and firm; white and of excellent quality; the best keeper of all winter sorts. For planting at the end of spring this variety has few equals, as it is remarkably hardy and thrives even on thin soil and upon a high, exposed situation. Packet, 10c.; ounce, 25c.; 4 ounces, 75c.; pound, \$2.50.

Early Large York—Earlier than the two following varieties, but smaller heads. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 60c.; pound, \$1.80.

Early Winningstadt—Very early. Heads of good size and solid. Sure headers. Packets, 2 for Sc.; ounce, 20c.; 4 ounces, 60c.; pound, \$1.75.

Early Jersey Wakefield — Select stock-Market gardeners consider this the best Early Cabbage, and from our experience we think it fully entitled to its great popularity. The strain of seed sold by us is the best to be had. Heads conical and large for so early a cabbage; hard and solid. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 75c.; pound, \$2.00.



IMPROVED LATE DRUMBEAD CABBAGE.

Early Charleston Wakefield—A few days later than the Early Jersey; heads larger and will stand longer. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 75c.; pound, \$2.00.

All Seasons Cabbage—Can be planted for either early or late crops. Heads of great thickness and superior quality. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 65c.; pound, \$2.00.

Improved Early Summer—Best second early variety. Heads are very uniformly with few outside leaves. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 75c.; pound, \$2.00.

Fottler's Brunswick—A reliable, popular variety, following Early Summer in maturing. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 65c.

Improved Early Drumhead-Later than Early Summer, but at least three weeks earlier than the Late Drumhead. Packets, 2 for 5c.; ounce, 20c; 4 ounces, 65c; pound, \$1.75.

A. H. RENTROP, St. Mary's Parish, Louisiana, March 18, 1899, says: "Gentlemen, your seeds have always given entire satisfaction. I wish you continued success."

CABBAGE-CONTINUED.

Improved Early Flat Dutch—Very desirable third early. Two or three weeks earlier than the late variety, which it closely resembles in shape. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 65c.; pound, \$1.75.

Improved Premium Late Flat Dutch—Prize stock. One of the most popular of all kinds sold. Grows to very large size; solid, flat heads, often weighing 20 pounds. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 65c.; pound, \$1.75

Improved Premium Late Drumhead—Prize stock. Very hardy. Better adapted, we think, than most other kinds for fall and winter planting and for spring use. Very large heads, nearly round. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 65c.; pound, \$1.75.

Perfection Drumhead Savoy—Heads are large slightly flattened; foliage dark green with coarse wrinkles; short stalk. The best Savoy in existence. Packets, 2 for 5c.; ounce. 20c.; 4 ounces, 75c.



IMPROVED LATE FLAT DUTCH CABBAGE.

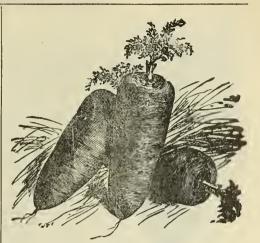
Green Glazed—(Genuine). Very generally cultivated in South. Not likely to be attacked by bugs and caterpillars. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 75c.; pound, \$2.00.

Red Dutch—For pickling. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 75c.; pound, \$2.25.

SCARR'S FRUIT PRESERVING POWDER,
WITH THIS YOU GAN PRESERVE FRUIT AND VEGETABLES
WITH THE NATURAL TASTE UNIMPAIRED. AIR TIGHT
CAMB ARE NOT ESSENTIAL. EACH SOX PRESERVES 20
POUNDS PRUIT. PRICE, 1 SOX, 25 CENTS; 5 SOXES,
\$1.00, SY MAIL, POSTPAID.

CARROTS.

One of the most valuable root crops for the table, as well as for feeding horses and milch cows. Can be sown from July to October. Light, deep sandy loam is the best. One ounce will sow 100-feet drill; four pounds to the acre. The following are the best varieties:



DANVERS HALF-LONG CARROTS.

New Chantenay—Deep scarlet. Improved Long Orange. Scarlet Short Horn.

Danvers Half-Long—One of the most productive; roots dark orange color, large, medium length, tapering abruptly at the point; very unform and handsome; sweet and tender. Any of above varieties, packets, 2 for 5c.; ounce, 10r. 4 ounces, 25c.; pound, 75c.

Large White Belgian — The great stock food of Europe, Enormously productive and nutritious; splendid keepers. Packets, 5 cents: ounce, 10c.; 4 ounces, 20c.; pound, 50c.

SMALL ORDERS RECEIVE THE SAME PROMPT,
CAREFUL ATTENTION AS LARGE ONES DO.
WHETHER IN WANT OF A SINGLE PACKET OF SEED
OR A LARGE QUANTITY, SEND US YOUR ORDER.

CAULIFLOWER

Succeeds well especially in the States bordering on the Gulf. Sow from July to October. Transplant in wet weather to very rich soil and cultivate early and often. Requires pienty of molsture when heads begin to form. One ounce for 3,000 plants. Best varieties are:



SNOWBALL CAULIFLOWER.

Extra Early Snowball—Packet, 15c,; ounce, 75c.; ounce, \$2.50.

ounce, 75c.; ounce, \$2.50.

Extra Early Erfurt—Packets, 2 for 5c.; a ounce, 60c.; ounce, \$2.00.

Early Paris—Packets, 2 for 5c.; 4 ounce, 60c.; ounce, \$2.00.

J. J. MONAIR, Emanuel County, Georgia, May 10, 1899, says: "Gentlemen, your garden seeds have all done well for me, and my neighbors are well pleased with the seed I ordered for them."

CELERY.



This delicious vegetable is not cultivated as generally in South as it should be. It is a successful crop here, and pays handsomely.

CULTURE -For early transplanting, sow in May or June; for later crop, in August or September.

should be rich and deep, and plants in rows three feet apart, six to eight inches in row. Plants should be set when about six inches high. Celery requires moisture; keep

GIANT PASCAL CELERY Well watered. Blanch by earthing up when large enough. Ounce will make about 5,000 plants.

New Giant Pascal-Mammoth silver white stalk; very solid, crisp, tender and rich flavor. Blanches easily.

Large White Solid -A solid crisp variety;

the most generally cultivated.

Boston Market-A favorite here; remarkable for its tender succulent stems and mild flavor.

White Plume-A good kind, requiring but

little banking up to blanch.

Golden Self-Blanching-Solid, crisp and brittle; compact in growth; self-blanching to a large extent. Price of either of above: Packets,

2 for 5c.; ounce, 15c.; 4 ounces, 50c.

Pink Plume (Henderson's)—A new variety; crisp and rich in flavor. Packet, 10c.; 3 for 25c.

10 CENTS FOR A PACKET OF OUR BUNCOMBE POSTPAID. THIS IS A POPULAR WINTER VARIETY.



LARGE SMOOTH PRAGUE CELERIAC.

CELERIAC-Turnip Rooted Celery

Sow seed same way Celery is sown. Transplant in rows two feet apart and nine inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as a salad.

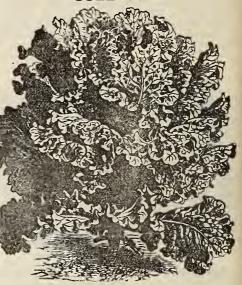
Erfurt Giant-Packet, 5c.; ounce, 25c.; 4

Large Smooth Prague-Packet, 10 cents; ounce, 30c.; 4 ounces, \$1.00. (See cut).

PRICE OF SEEDS IN PACKETS.

THOSE PRICED AT 21-2 CENTS EACH ARE 2 POR 5 CENTS; 25 CENTS PER BOZEN, OR 60 PACKETS POR \$1.00, ABSORTED KINDS IP YOU WANT THEM. PRICED IN 10 CENTS PACKETS ARE 3 POR 25 CENTS J 15 PACKETS FOR \$1.00, POSTPAID.

COLLARDS.



WHITE GEORGIA COLLARD.

This is peculiarly a Southern vegetable, and is highly prized by the people of this section, where it is used as greens. It is a sure cropper, and yields abundantly. Collards also make an excellent feed for stock.

Improved White Georgia—Called Cabbage Collard on account of its close-bunching growth and light green leaves resembling the cabbagecombining the hardiness and reality of the Collard with the whiteness and crispness of the cabbage. A great improvement over the old Long Green. You will never know how good a Collard can be until you use this seed. Packet, 10c.; 3 for 25c.; ounce, 15c.; 4 ounces, 40c.; 8 ounces, 65c.; pound, \$1.00.

True Long Georgia — The old-fashioned variety; much esteemed, but does not compare with the "White Georgia." Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 25c.

MRS. M. J. HIGHTOWER, Monroe County, Alabama, January 16, 1899, says: "Gentlemen—Your Improved White Georgia Collard gave perfect satisfaction. They are the best for tenderness I have ever planted."

CORN SALAD.

Makes a delicious salad. Sow in spring or autumn in drills one foot apart. One ounce to sixty feet drill.

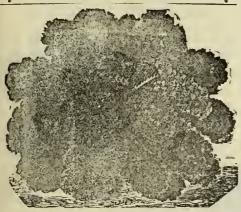
Broad Leaved—Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 30c; 8 ounces, 50c.

CORN.

For Garden—For late planting, we can supply the Evergreen Sweet, Mammoth Sugar and Adam's Early. Ears, 5c. each; 6 for 25c.; if by mail 4c. per ear extra. Shelled, 1-pint, 15c.; pint, 20c.; quart, 40c., by mail, postpaid.

Field Corn—The following varieties are planted with success for late crops by many: Coke's White Prolific and Champion Early Yellow Dent. Quart, 15c.; 4 quarts, 30c.; peck, 50c.; 3-bushel, 90c.; bushel, \$1.60.

10 CENTS FOR PACKET OUR BON-AIR RUTA BAGA, BY MAIL, POSTPAID. THIS IS THE BEST RUTA BAGA EVER PLANTED. TRY IT.



EXTRA CURLED GERMAN KALE.

ENDIVE.

One of the best salads. Can be sown from spring until October. Drill seed and thin to six or eight inches apart. When leaves are full size tie up to blanch. Ounce sows 100 feet drill,

Green Curled—Leaves dark green, broad and curly; tender and crisp in quality; somewhat earlier than other varieties. Packets, 2 for 5c.; ounce, 15c.; 4 ounces, 40c.; pound, \$1.25.

KALE, OR BORECOLE.

Makes excellent greens for winter and spring use; much more tender and delicate than cabbage. Improved by being touched by frost. Can be sown as late as October. Sow in beds and transplant as you would cabbage.

Dwarf Extra Curled German—Is the best variety. Packets, 2 for 5c.; ounce, 15c.; 4 ounces, 35c.; pound, \$1.00.

LEEK.

Sow in sping or early fall, in drills six inches apart; thin to 2 inches. When six or eight inches high, transplant in rows twelve inches apart; put as deep as you can without covering the centre leaves. Can also be sown in the fall. Two ounces seed to a 100-yard row.

Mammeth Flag— A popular sort; very hardy. Packets, 2 for 5 cents; ounce, 15c.; 4 ounces, 40c.



MAMMOTH FLAG.

KILL THE CABBAGE WORMS.

HAMMOND'S SLUG-SHOT WILL KILL THEM AND EVERY OTHER WORM OR BUG THAT DESTROYS VEGETABLES, MELONS, ETC. FULL DIREC-TIONS. SAPE TO USE. I POUND CARTOON, BY MAIL, INCLUDING POSTAGE, 3O CENTS.

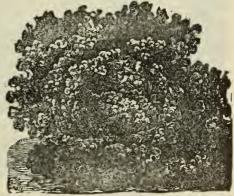
LETTUCE.

Can be planted with success nearly every month in the year in the lower Southern States, and in this section as late as October. Plants should be protected in severe weather. Ounce will produce about 2,000 plants.

Note—Every particle of Lettuce Seed sent out by us has been thoroughly tested as to germination, and will certainly grow if given proper attention. This seed, however, often mildews from too much damp in the soil, which causes many failures, when it is no fault of the seed.

Denver Market—Large, solid heads; good light, green color; slow to seed; leaves beautifully marked; a very fine variety. Packet, 10c.; ounce, 20c.; 4 ounces, 60c.; pound, \$2. (See cut)

Improved Royal Cabbage—Heads large; very showy; leaves broad. Packet, 5c.; ounce, 20c.; 4 ounces 50c.; pound, \$1.50. (See cut).



DENVER MARKET LETTUCE.

L. H. Stown, Gaston County, North Carolina, April 12, 1888, says: "Gentlemen—I have been using your seed for several years, and they give entire satisfaction."

LETTUCE-CONTINUED



IMPROVED ROYAL CABBAGE LETTUCE.

Wonderful Lettuce—This is a new variety, and is said to be the largest of all Cabbage Lettuces; very tender and crisp; is one of the best all-round lettuces we have. It will do well if planted most any month. Try it. Packet, 10..; ounce, 25c.; 4 ounces, 75c.; postpaid. (See cut).

White Cabbage or Butter—The standard sort. It is early; forms a beautiful, solid head; crisp and tender. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 30c.; pound, \$1.00.

Trianon, or Gelery Lettuce—New variety from France. Head long, conical, and very large, having a crispness, tenderness and flavor peculiarly its own. When plant matures tie up to blanch. Packet, 10c.; ounce, 20c.; 4 ounces, 50c.; pound, \$1.75.

Henderson's New York—(Genuine stock). Large, solid, crisp, tender and excellent flavor; blanches itself. A great favorite here. Packet, 5c.; ounce, 20c.; 4 ounces, 50c.; pound, \$1.75.

Early Hanson—One of the best for heading; large, tender and crisp; stands summer well. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 30c.; pound, \$1.00.

Tennis Ball—Favorite for forcing. Makes fine heads and few outer leaves; hardy and crisp. Can be planted close under glass. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 80c.; pound, \$1.25.

Big Boston—Identical shape, size and general appearance of the Boston Market, but double the size; heads well at all seasons; very crisp and tender. Packet, 10c.; ounce, 25c.; 4 ounces, 75c.; puund, \$2.00.

Black Seeded Simpson—This variety is said to be of unusual merit for home gardens and the best for market gardeners. Stands the summer heat splendidly. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 30c.; pound, \$1.25.

10 CENTS FOR A PACKET OUR DANISH
BY MAIL, POSTPAID. THIS IS ONE OF THE
BEST WINTER CABBAGES. A RELAIBLE
HEADER AND A GOOD KEEPER. TRY IT.

MUSHROOM SPAWN.

Mushrooms can be easily and successfully grown to perfection in ordinary cellar, wood shed or barn. We call special attention to the subject, as it is being much discussed in the South, and there are many engaging in its culture, both for pleasure and profit. The spawn is sold in bricks of about a pound and a



MUSHROOMS.

quarter each, and directions for planting and culture will be sent with each purchase. One brick is enough for four or five feet.

English Milltrack Spawn—Per brick, 25c. If by mail, 35c.; postpaid. Special prices in large quantities.

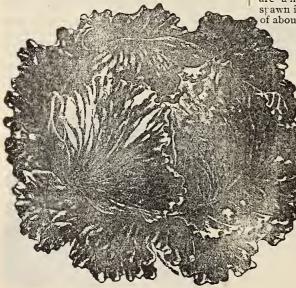
MUSTARD.

Largely grown in the South; used the same as spinach, or boiled with meat for greens, makes a popular dish. Sow fall, winter or spring, in rows six inches apart. The following are the best varieties:

Curled Southern, or Creole— Very popular in Louisiana. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 25c.; pound, 75c.

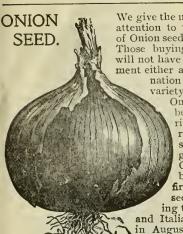
White or English.

Black (Brown)—Either of two last. Packets, 2 for 5 cents; ounce, 10c.; 4 ounces, 15c.; pound, 40c.



WO.DERFUL LETTUCE.

L. A. MCCASKELL, Simpson County. Mississippi, January 19, 1899, says: "Gentlemen—I am glad to say I have never made a failure in a garden since I have been getting my seeds from your house"



BERMUDA ONION.

We give the most critical attention to the quality of Onion seed sold by us. Those buying from us will not have disappointment either as to germi-nation or definite

variety. Soil for Onions should

be a deep, rich loam. A rich, sandy soil is also good. Large Onions can be made the first year from seed, by sow-

ing the Spanish and Italian varieties in August and September, setting them out when the open season comes on, in rows twelve to eigh-

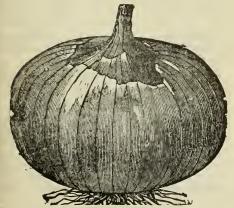
teen inches apart, four to six inches in drill. Ounce of seed will sow 100-feet drill; five to six pounds to acre. To make sets, forty to fifty pounds to acre. Packets, any variety, 2 for 5c.

SPANISH AND ITALIAN VARIETIES.

Mammoth Silver King-Very fine. Grows to large size, often weighing two pounds and over; snowy white. Ounce, 20c.; 4 ounces, 75c.; pound, \$2.25

Prize Taker, or Spanish King—This is a beautiful straw-colored Onion which grows to an immense size. Ounce, 20c.; 4 ounces, 75c.; pound, \$2.25.

White Bermuda-This Spanish variety is of great popularity in the South. Shape oval; early and of mild flavor. Ounce, 20c.; 4 ounces, 75c.; pound, \$3.00.



PRIZE TAKER OR SPANISH KING ONION.

Red Bermuda -- Similar to above except in color. Ounce, 20c.; 4 ounces, 75c.; pound; \$3.00.

Giant White Tripoli-Large beautiful shape, with fine, white skin. Ounce, 20c.; 4 ounces, 70c.; pound, \$2.00.

Giant Red Tripoli-Rich red color, otherwise similar to the white. Ounce, 20c.; 4 ounces, 70c.; pound, \$2.00.

AMERICAN VARIETIES.

Extra Early Bloomsdale White Pearl-(Genuine). Very early; flat shape; delicate pure white. Ounce, 35c.; 4 ounces, \$1; pound, \$3.50.

Weathersfield Red—Very productive and keeps well; large size and fine flavor. Ounce, 15c.; 4 ounces, 40c.; pound, \$1.50.

Yellow Danvers-Is considered the most profitable for market. Early, and keeps well. Ounce, 15c.; 4 ounces, 40c.; pound, \$1.50.

White Silver Skin-More sought for and most desirable for family gardens. Silvery white; delicate flavor. Ounce, 20c.; 4 ounces, 65c.; pound, \$2.00.



MAMMOTH SILVER KING ONIONS.

WE SEEK YOUR PATRONAGE AND KNOW THAT WE CAN PLEASE YOU TRY US.

ONION SETS.

Write us for peck and bushel prices on Onion Sets and Shallots. Small lots can be sent by mail with safety. One quart will plant 20-feet drill; five to eight bushels to the acre.

Extra Early Pearl -. hese we furnish only from September to November. Should not be planted later than November 15th. Quick to mature; at least six weeks before ordinary kinds. Quart, 25c. If by mail, add 10c. quart postage.

White Silver Skin-Quart, 15c.; 2 quarts, 25c. If by mail, add 10c. quart for postage.

Yellow Danvers-Quart, 15c.; 2 quarts, 25c. If by mail, add 10c. quart for postage.

Yellow Multiplying Shallots-We can furnish these from September to November. Quart, 10c. If by mail, add 10c. quart postage.

SYMPHORIAN MURA, Truck Farmer, Richmond County, Georgia, May 22, 1899, says: "Gentlemen—I planted your Extra Early White Pearl Onion Seed in October, and have been selling onions from them since May ist. They make a very large flat onion; first in the market, and give perfect satisfaction."

PEAS—For Late Crop.



For succession of crops, Peas can be planted every two weeks from January to August. Last crop should be of our *Premier Extra Early*. For November and December planting the Marrowfats do best. Quart will plant 100 feet of drill; two bushels to the acre.

Premier Extra Early.
McLean's Little Gem.
Tom Thumb.
Champion of England.
Carter's Stratagem.
White Marrowfat.

We will mail either variety postpaid, packets, 2 for 5c.; ½-pint, 15c.; pint, 25c.; quart, 40c. Peck and bushel prices on application.

Durban's Market Garden—A wrinkled pea; dwarf in habit and is wonderfully productive; very large pods, and very early. Packet, 5c.; ½-pint, 20c.; pint, 30c.; quart, 45c.; postpaid. Peck and LITTLE GEM PEA. bushel prices on application.

10 CENTS FOR PACKET OUR AUGUSTA BY MAIL, POSTPAID. THIS IS ONE OF THE BEST WINTER CABBAGES, A RELAIBLE HEADER AND A GOOD KEEPER. TRY IT.

SEED POTATOES.

We will be glad to correspond with those wanting to plant potatoes for late crop. The varieties we offer are especially adapted for this purpose and should be planted in July or early in August.

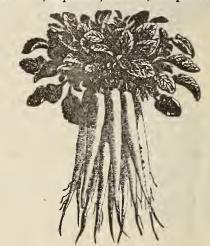


FRENCH BREAKFAST RADISH.

RADISHES.

This is a very popular vegetable. To be tender and crisp Radishes must be grown quickly; quick growth requires rich, mellow soil and reliable seeds. To have a constant supply, a sowing should be made every ten days from early spring. For first sowing, plant Non Plus Ultra, Early Scarlet Turnip, Early French Breakfast, White Vienna, Early Long Scarlet and Golden Globe. For late sowing, sow in August, September or October, Non Plus Ultra, White Strasbury, Black Spanish and Chinese Rose varieties. Ounce will sow fifty feet of drill; five to eight pounds to the acre.

Any of the following varieties, except Non Plus Ultra, in packets, 2 for 5c.; 25c. per dozen.



WHITE VIENNA RADISH.

Non Plus Ultra—Turnip-shape; fine round form; bright scarlet color of tender flesh and delicate flavor. Its remarkably quick growth and very short top renders it one of the best for forcing. Eighteen days to maturity. Packet, 10c.; ounce, 15c.; 4 ounces, 35c.; pound, \$1.00.

French Breakfast — Scarlet olive-shaped; an early and very desirable variety; very tender. Ounce, 10c.; 4 ounces, 25c.; pound, 65c.

Early Long Scarlet Short Top—A popular variety; short top and brittle. Ounce, 10c.; 4 ounces, 25c.; pound, 65c.

Long White Vienna, or Ladies Finger—This new radish is one of the best in cultivation. Beautiful shape, snow white; crisp and of rapid growth. Ounce, 10c.; 4 ounces, 25c.; pound, 85c.

Improved Chartier—A handsome variety, which grows to a large size without becoming pithy. Ounce, 10c.; 4 ounces, 25c,; pound, 75c.

Chinese Rose—(Winter). Considered the best for winter; shape conical and smooth; rose colored. Ounce, 10c.; 4 ounces, 25c.; pound, 75c.

MRS. F. C. TAYLOR. West Feliciana Parish, Louisiana, April 8, 1899, says: "I must say all seed bought of you for the past two years have given perfect satisfaction."

RADISHES-CONTINUED



BLACK SPANISH WINTER RADISH.

Earley Scalet Turnip—Small top; quick growth; crisp and mild. Ounce, 10c.; 4 ounces, 25c.; pound, 65c.

Black Spanish Round—(Winter). Stands cold well, grows to a large size and of firm texture. Ounce, 10c.; 4 ounces, 25c.; pound, 75c.

Golden Globe—Fine for summer. The best summer variety. Flavor mild; keeping long in eating condition; only twenty days to maturity. Ounce, 10c.; 4 ounces, 25c.; pound, 75c.

THE NAMES OF SUCH OF YOUR NEIGHBORS WHO PLANT SEEDS, AND WOULD LIKE TO HAVE OUR CATALOGUE.

RAPE, or Georgia Salad.

This is perhaps the most delicate and delightful early spring greens that can be grown. Sow tolerably thick in drills, as early in the spring as you can, in rows eighteen inches or two feet apart, in well prepared and rich soil; when six or eight inches high, thin out enough for a boiling every day or two, leaving stand in the rows. When twelve inches high, cut off about six inches above the ground and use the tops; when you finish your last row you may go back and cut again, as it grows very rapidly. It may be sown also to advantage in August and September for fall salad. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 20c.; pound, 50c.

OR FARMING PLANT OUR SEEDS.



BLOOMSDALE SAVOY SPINACH.

SALSIFY, or Oyster Plant.

A delicious vegetable, which ought to be more largely cultivated. When properly prepared be very much in taste and flavor of the oyster. Sow in fall, not later than the middle of October, is drills ten inches apart, and thin out three to four inches in the row. Soil should be light and deep. Ounce will sow fifty feet of drill.

Mammoth Sandwich Island—(New). Of much larger size than the old kinds, and of superior quality; grows quickly. Packets, 2 for 5c.; ounce, 20c.; 4 ounces, 50c.; pound, \$1.50.

SCARR'S FRUIT PRESERVING POWDER.
WITH THIS YOU, DAN PRESERVE FRUIT AND VEGETABLES.
WITH THE NATURAL TABLE UNIMPRIRES. AR TIGHT
OANS ARE NOT SESENTIAL. EACH BOX PRESERVES SO
FOUNDS PRUIT. PRICE, 1 ECX. 25 CENTS; 5 SOXES.
\$1.00, SY MAIL, POSTPAID.



EVER READY SPINACH.

SPINACH.

A good crop for market gardeners, and finds a ready place in all our gardens. It is more tender and succulent when grown in rich soil. Best sown from September to March. Doard sow in dry, hot weather. Seed requires moisture and cool nights to make them germinate. Ounce will sow 150-feet drill; fifteen to twenty pounds to the acre. If wanted in larger quantity than quoted, write for prices.

ON FIFTY CENTS OBDERS FOR VEGETABLE SEEDS ONLY AT RETAIL CATALOGUE PRICES, PATRONS CAM SELECT 10 CENTS WORTH OF SEEDS EXTRA WITHOUT CHARGE, FOR OTHER DISCOUNTS SEE INSIDE FRONT COVER OF CATALOGUE.

Bloomsdale Savoy — Leaf wrinkled and large; a great favorite. Packets, 2 for 5 cents; ounce, 10c.; 4 ounces, 20c.; pound, 40c.

Broad Leaf Flanders—A standard variety and largely grown. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 20c.; pound, 40c.

Ever Ready—Long standing. A variety of sugerior quality; a decided acquisition. Packets, 2 for 5c.; ounce, 10c.; 4 ounces, 20c.; pound, 40c.

8. J. IRBY, Washington County, Ala., July, 1898, says: "I am well pleased with your melon and garden seed. I raised White Egg Turnips to weigh ten pounds. Can deal with you with perfect confidence."

TURNIPS.



We sell only choicest American grown Turnip seed to be had, and will not knowingly offer for sale any other. Beware of cheap imported seed, from which only small, inferior roots will come. Two ounces will sow 150 feet of drill; two pounds

SEVEN TOP TURNIP. in drills to an acre. We furnish all varieties (except our Bon Air Rule Baga and Extra Early Purple Top Milan) in packets, 2 for 5c.; 25c. per dozen, postage included. Two ounces, 10c.; 4 ounces, 15c.; 8 ounces, 25c.; pound, 40c. If by mail, add 5c. for 8 ounces; 10c. per pound postage.

KILL THE CABBAGE WORMS.

MAMMOND'S SLUG-SHOT WILL KILL THEM AND EVARY OTHER WORM OR BUG THAT DESTROYS VEGETABLES, MELONS, ETC. FULL DIREC-TIGNS. SAFE TO USE, 1 POUND CARTOON, BY MAIL, INCLUDING POSTAGE, 30 CENTS.



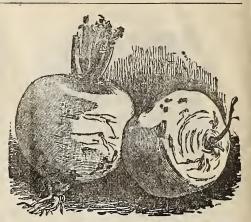
RED OR PURPLE TOP GLOBE TURNIP.

Extra Early Purple Top Milan-Is very quick growing; fine flavor; for table or market. Two ounces, 15c.; 4 ounces, 20c.; 8 ounces, 40c.; pound, 75c.

Pomeranian White Globe-Smooth and erfectly globular in shape; flesh white; grows to a large size.

Cow Horn-Long white; flesh white, fine grained and sweet; one of the best for cooking; also highly recommended for stock.

Southern Seven Top-For greens; old well known kind; stands severest winters and heads out beautifully in early spring.



CALLAWAY OR GEORGIA WINTER TURNIP.

The Callaway-A Georgia winter variety; grows to large size; round; white flesh; splendid keeper. Delightful for eating, and one of the best for stock.

Mammoth Purple Top Globe-The party : from whom we have this variety says of it: "It is the quickest growing, largest and most solid white-fleshed turnip known.

White Norfolk-An old favorite; large and skin white below surface, but sometimes greenish above.

WE WOULD BE PLEASED TO MAKE SPECIAL PRICES TO THOSE WISHING TURNIP OR OTHER SEEDS IN LARGE QUANTITIES. IN WRITING KINDLY STATE AMOUNT DESIRED.



WHITE EGG TURNIP.

Early White Egg—A very desirable kind; early, tender and crisp; in shape resembles an egg.

JAMES P. DOOLEY, Lexington County, South, Carolina, January 4, 1899, says: "Gentlemen-I think I can beat the country on Turnips. I have plenty of them weighing four to five pounds from seed bought of you. Mammoth Purple Top Globe is the largest."

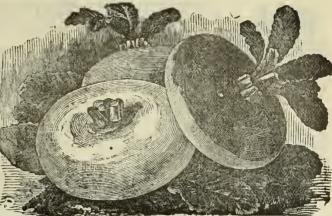
TURNIPS-CONTINUED

Early White Flat Dutch— Strap-leaved; old favorite kind; medium size, white; quick in growth.

Early Red Top Strap-Loaved—This variety has the form of the White Flat Dutch, but top is purple; grows larger and more desirable.

Red or Purple Top Globe
—We recommend this variety
very highly. Shaped like the
White Globe; of better eating
quality; fine for stock.

Sweet German or Rock— Flesh white, solid and well flavored; a good winter keeper.



WHITE FLAT DUTCH AND RED STRAP-LEAVED TURNIPS

VELLOW VARIETIES.

Purple Top Aberdeen—Roundish in shape, purple on top and deep yellow below.

Amber Globe—A well-formed, productive variety.

Yellow Globe—Color pale yellow; green top.
Golden Ball—This is the most delicate and sweetest yellow-fleshed turnip.

SPECIAL OFFER, 1899—THE 4 FOR 250, WE WILL SEND BY MAIL, POSTPAID, A TEN CENT PACKET EACH, MAMMOTH RED OR PURPLE TOP TURNIP, GEORGIA COLLARD, BON AIR RUTA EACA AND AUGUSTA EARLY TRUCKER CABBAGB FOR 25 CENTS.



RUTA BAGAS, OR SWEDES.

Our Improved Bon Air Ruta Baga has become very popular in every part of the South. A very distinctive variety, which combines the useful qualities of the old kinds, and, in addition, is so much better for the winter table that there is no comparison. It is a purple top, flesh of a light yellow, fine; r fined and solid. Early to mature, and grows to a large size. We want our patrons to try this splendid variety upon our recommendation. Il e unquestionably pronounce at the best Rula Baga for table and stock in existence. Packet, 10c.; 2 ounces, 15c.; 4 ounces, 20c.; 8 ounces, 35c.; pound, 60c.; by mail, postpaid.

Improved Purple Top Ruta Baga—Very choice stock; the same strain as sold by us for years, which has always given satisfaction. We cannot recommend this seed too highly.

White Ruta Baga, or Russian—While not as popular as the above, it is preferred by some on account of its mild, sweet, table qualities.

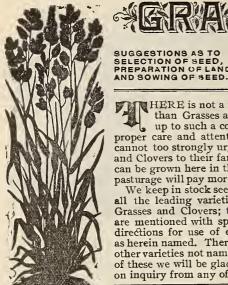
HAVE YOU A LAWN?

OR, DO YOU WISH ONE?

If you have a lawn you can improve it, or if you wish to make one, you can do so by using **Our Evergreen Lawn Grass Seed.** See description and prices in Grass list.

MAKES FLOWERS FLOURISH Flowers are like people. Their health depends upon their food. It must be nourishing but not too rich to force grow in and cause reaction. The one chemically correct flower food WALKER'S EXCELSIOR BRAND. It has no odor whatever, and can be used dry or dissolved in water for sprinkling. Use it and your flowers will flourish and their health will last Small size (feeds 25 plants six months), 25 cents; large size (enough for a year), 50 cents. Sent prepaid anywhere. With each package we send from the book, "flow to Make the Window Garden a Success."

T. M. Meriwether, Wilkes County, Georgia January, 1898, says: "I have been trying your Bon Air Ruta Baga for several years and they proved to be all you claimed for them."



SUGGESTIONS AS TO SELECTION OF SEED PREPARATION OF LAND CULTIVATION....

DIRECTIONS FOR

HERE is not a more satisfactory and remunerative crop to the farmer than Grasses and Clovers. Almost any of our lands can be brought up to such a condition as will sustain Grasses, and with subsequent proper care and attention, keep them in paying condition for years. cannot too strongly urge upon our friends the desirability of adding Grasses and Clovers to their farms. Our conviction is that more and better grasses can be grown here in the South than elsewhere, and that crops for hay and pasturage will pay more bountifully than any other crops that can be planted.

We keep in stock seeds of all the leading varieties of Grasses and Clovers; these directions for use of each, as herein named. There are

SMALL LOT OF GRASS SEED FOR TRIAL Grasses and Clovers; these are mentioned with special so THAT THOSE WISHING TO MAKE A TRIAL CAN ORDER AND HAVE SENT BY MAIL. WRITE FOR PECK AND BUSHEL PRICES,

other varieties not named, and not kept in stock, that can be gotten as desired; of these we will be glad to correspond, giving all the information in our reach on inquiry from any of our correspondents.

ORCHARD GRASS.

Selection of Seed-Select seed with reference

to the purpose in view, whether for hay alone, pasturage alone, or for both hay and pasturage; and also with reference to character of the land. In nearly all cases, mixtures grass seeds or grass and clover seeds, are recommended rather than sowing of any one kind alone. For permanent pastures, several kinds must be mixed to furnish some growth for all seasons of the year. For hay and pasturage, mixtures such as come well together are more profitable than one kind alone.

Seeding Per Acre-Our own observation prompts us to advise heavy seeding here in the South. There is safety and security in a heavy

catch, and such as will survive the first summer when thin seeding would be entirely obliterated. The greatest cost in grass culture is the careful preparation and manuring of the land. The additional expense of a liberal seeding rather than a meager one ought not to deter one who is willing to assume the first cost and wait for the results.

A fair trial is not made in the South unless the land is well filled with seed to make a close sod from the beginning.

Preparation of Land-Free the land of all stumps, stones, etc.; break well and deep; harrow and crossharrow, and roll till free from all clods; broadcast manure freely and plough and harrow it in. Stable and cowlot manure, phosphate and cotton seed and kainit are appropriate applications. Good implements are important to economical sowing and harvest-



HAIRY VETCH.

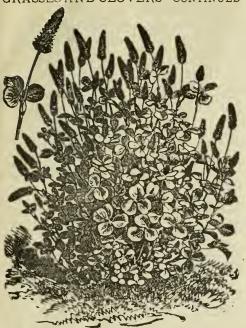
A roller is very valuable, both in preparing land and sowing seed. Most grass seeds are very fine, and bear the least of covering in. The roller alone is better for those than the lightest harrow or brush. It presses them in the fresh soil, which is the best for a good catch.

GRASSES AND CLOVERS-CONTINUED.



RED CLOVER.

J. W. Carlisle Abbeville County, South Carolina, your Augusta Early Trucker Cabbage for two years. March 8, 1899, says: "Gentlemen-I have pla I find it the best cabbage I have ever planted." "Gentlemen-I have planted GRASSES AND CLOVERS-CONTINUED



ANNUAL CRIMSON CLOVER.

ON FIFTY CENTS ORDERS FOR VEGETABLE SEEDS ONLY AT RETAIL CATALOGUE PRICES, PATRONS CAN SELECT 10 CENTS WORTH OF SEEDS EXTRA WITHOUT CHARGE. FOR OTHER DISCOUNTS WITHOUT CHARGE. FOR OTHER DISCOUNSEE INSIDE FRONT COVER OF CATALOGUE. FOR OTHER DISCOUNTS

Time of Sowing—Grasses that grow in the winter may be sown in the fall or early spring. Those which are strictly summer growers should be sown in spring, after severe weather is over. Fall sowing is to be preferred for all cases in which it is a proper time, because the young grass is not liable to be choked out by weeds and grasses that are indigenous to our soils. Therefore we strongly advise sowing in the fall.



JOHNSON GRASS.

Although you may be ready to sow in spring, we believe it a safer course to sow the land in peas and let it lie over, and put the grass seed down in September and October. Lucerne or Alfalfa is the only exception we know to this rule. Sow in February; its growth being upright, it gets ahead of weeds and holds its own very well. Some of the best results we have seen

from it were from February seeding in drills. If it is to be put in broadcast, then September and October are better times for it.

SCARR'S FRUIT PRESERVING POWDER. WITH THIS YOU CAN PRESERVE FRUIT AND VEGETABLES WITH THE NATURAL TASTE UNIMPAIRED. AIR TIGHT DAMB ARE NOT ESSENTIAL, EACH EOX PRESERVES 28
PDUNDS PRUIT, PRICE, 1 EOX, 25 DENTS; 5 SOXES, \$1.00, BY MAIL, POSTPAID.

Sowing of Seed-In fall seeding, it is not uncommon to sow grass with oats or wheat. We do not recommend this, but it is admissible and may be entirely successful if the land is rich enough to give liberal support to both grass and grain. But grain ought to be seeded more thinly than if there were no g ass to be sown with it. Sow the grain first and plow or harrow it in, then sow the grass seed and harrow or roll the land.

To get more uniform distribution it is well to to sow one-half of the seed one way, and then cross-sow with the other half.

In mixed seeding, as Clover, which weighs 60 pounds per bushel, with Orchard or Red Top Grass, both of which weigh fourteen pounds, it is well to sow the light and heavy seeds separately. In scattering seed with the hand, if some are heavy and some light, the heavy seeds will be thrown much wider than the light. On well prepared soil, surface sowing and rolling is the safest.



WHITE CLOVER.

Clover, Lucerne, Johnson, Rescue and others of the larger grasses will bear light harrowing or brushing in. Blue Grass, Red Top and other of the finer seeds are better surface sown, with or without the roller.

WHEN ORDERING KINDLY SEND US THE NAMES OF SUCH OF YOUR NEIGHBORS WHO PLANT SEEDS, AND WOULD LIKE TO HAVE OUR CATALOGUE.

Prices of Grass Seeds—On account of constant changes in price, we cannot give bushel or quantity prices of these seeds in advance. All applications will be promptly answered, and all orders filled with the best and freshest seeds obtainable.

MRS. R. B. SOMERVILLE, Pickens County, Alabama, March 9, 1899, says: "All seed purchased came up beautifully. The White Bush Squash was delicious, and the White Georgia Collard equalled the cabbage in every respect, the heads were hard and white. I recommend your house to all my friends."



SCHRADER'S GRASS.

ANNUAL CRIMSON CLOVER.

CALIFORNIA BURR CLOVER, WHITE CLOVER, HAIRY VETCH, NATIVE VETCH, VETCH, SCHRADER'S GRASS, GEORGIA RYE, NATIVE RYE, BLUE STRAW WHEAT, RED MAY WHEAT, FULTZ AND OTHER WHEATS. SOUTHERN BARLEY, NATIVE RUST PROOF OATS, TEXAS RUST PROOF OATS, BURT OATS, MYER'S PROLIFIC WINTER TURF OATS, ETC., ETC.

Annua! Crimson Clover (Trifolium Incarnatum)- Also called Scarlet Clover, Italian Clover, German Clover. This clover will be

very scarce and, therefore, a reliable seed will be higher than usual. Reports from different sections of country show that very little Crimson Clover was grown for seed. There will be a great deal of cheap seed which will not germinate. We warn our customers againt such. We bought our Crimson Clover and tested it, and found the germination of the best. We bought this year the best Crimson Clover offered. consider this clover of inestimable value as a good winter and early spring pasture for all kinds of stock—in addition, a crop of from two to three tons of hay can be cut per acre. It is a most nutritious food, and does not salivate as other clovers do. It is a great enricher of the soil. It will grow on land so poor that other clovers would do but little on. The heads are very large and of deep crimson color. Sown between cotton rows in August or September, winter pasture is secured and a crop of hay, and ground left in better condition than ever for a crop. In this and more Southern sections it can be planted profitably as late as December, while it does best, especially if wanted for early pasture sown between the middle of August and first of November. It should be cut when in bloom, but before seed forms. Let your land be well prepared and well manured. Sow twelve to fifteen pounds to the acre. Pound, 15c.; 6 pounds, 75c. By mail, pound, 25c.; 2½ pounds, 50c.; 5 pounds, \$1.00 postpaid. Peck, \$1.50. Write for bushel prices

California Burr Clover (Medicago Maculata)-Called California and Hog Clover; a winter growing variety, furnishing pasturage January to March. It is annual, but re-seeds itself upon the land. Cattle soon learn to like it, and hogs are specially inclined to it. Seed should be sown on the surface of the ground in August to October, two to five bushels per acre, but a less quantity sown will seed the land well for the next year. Stop pasturing it by April 1st, in order that the seed may be matured. The land may be planted in corn or cotton by leaving a space of one foot unbroken between the rows, on which seed enough will mature, and

after the clover dies down the middles may then be broken out. The seed is in a burr and weighs from ten to fifteen pounds to the bushel. Pound, 20c.; 5 pounds or more at 15c. pound. By mail, 30c.; 5 pounds, \$1.00, postpaid. Write

for prices in large quantity.

RED CLOVER (Trifolium Pratense)-The leading variety of clover, and is more cultivated for hay pasturage and as enricher of the soil than any other. Best adapted to stiff soils, but does well on any land rich enough to sustain it. It is perennial. Sould be cut when in full bloom. It should not be cut more than twice, that seed may mature and drop, thus keeping up a good stand. No matter how mismanaged, clover is a benefit, and whatever else he may do, the farmer who sows clover is making his farm better. Plow up the land in the fall, and then the corn crop following will make you happy. If you want to make rich farms and make money, grow clover, corn and hogs. It should be sown alone or with grain, in the fall or early spring months, and is frequently used in combination with Orchard and Red Top Grass, as they flower and are ready to cut about same time. Weighs sixty pounds to the bushel. Fifteen to twenty pounds will seed an acre. Pound, 15c. By mail, pound,

25c.; 4½ pounds, \$1.00, postpaid.

White Clover (Trifolium Repens)—This is a smaller growth than the Red, and is an essential constituent of every pasture, and all cattle relish it; is of special value in fattening sheep. It is advisable to combine Perennial Rye with other grasses in making a pasture. Largely used in making "Lawn" Mixtures, and is highly esteemed as forage for bees. Weight sixty pounds to the bushel. Plant in fall or spring, twelve pounds to the acre. Pound, 30c.; By mail, 40c.;

 $\overline{2}_{2}$ pounds, \$1.00, postpaid.

Schrader's Grass (Bromos Unioloides)-Called Rescue Grass; is one of the best winter grasses; very sweet; makes good hay. Produces abundantly when sown on rich and not too heavy soil. Sown in September it is often ready to cut in February, and may be cut once or twice more before June; or you may pasture it, taking stock away in time to allow seed to mature and re-seed itself. We would advise that this grass be allowed to shed one crop of seed before either cutting or pasturing. Sow in early fall or spring, twenty-five or thirty-five pounds to acre. Pound, 30c. By mail, pound, 40c.; 2½ pounds, \$1, post-paid. Write for prices in large quantity.

GRASSES AND GLOVERS—CONTINUED.

D. V. REAVES, Richmond County, Georgia, June 1, 1899, says: "Gentlemen:—I planted your White Pearl Onion Sets last October, and have some very fine onions now. Some of them weighed one pound and six ounces. I am well pleased with their results."

Johnson Grass-

-Called also Mean's,

(Sorghum Halapense)

Guinea Grass, Green

Valley Grass, Cuba Grass. This is a per-

ennial which can be

propagated from the

roots or seed. Excel-

lent for hay or past-

urage. Makes the best

growth on rich bot-

tom lands, and will give three cuttings of

about two tons each

when in good condi-

Grass.

GRASSES AND CLOVERS—CONTINUED



tion. It is difficult to eradicate. It starts early and grows con-MEADOW FESCUE, OR tinually till killed by frost. Stands severest ENGLISH BLUE GRASS. droughts; eagerly eaten by all stock, and hogs are foud of the roots. Cut before the seed stalk shoot up. Weighs twenty-five pounds to the bushel. Sow in August or September or in spring, one to one and a half bushels to an acre. We consider liberal seeding best. Pound, 15c. By mail, pouud, 25c.; 5 pounds, \$1.00, postpaid.

Hairy Vetch (Vicia Villosa)-Is an annual, similar in growth to a very slender and straggling pea vine. Vines often ten to twenty feet in length, and covering the ground to a depth of two feet with a dense mass of foliage. Planted in August or September it should furnish good grazing from January to May; then allow to re-seed itself. Bears the heaviest frosts. Too much cannot be said about this as a valuable crop for hay or pasturage, as the yield is double that of any other hay crop grown under similar circumstauces. Hairy Vetch is a feeder of the soil, as it is a nitrogenous plant, and one of the excellent qualities of this vetch is, it will grow on poorer soil than any other crop, and is easily eradicated if desired. Weighs sixty pounds to the bushel. Sow two bushels to acre. Pound, 15c. By mail, pound, 25c.; 5 pounds, \$1, postpaid. Write for peck and bushel prices.

Yetch (Vicia Sativa) - Is an annual forage plant, now in great favor. Sown usually with oats. It makes a mass of excellent hav that is ready at the same time oats are harvested, and add largely to the bulk and value of the sheaf Sown alone, or in combination with Bermuda or other summer-growing grasses, vetch furnishes excellent pasturage in the winter. It re-seeds itself when matured, and will come for many years in succession; easily eradicated if desired. Greatly valued for the winter pasture it affords. Weighs sixty pounds to bushel. One bushel per acre will set the crop, but if the full benefit of pasturage is desired the first year two or three bushels must be sown. Pound, 15c.; •peck, 65c.; peck, \$1.25; bushel, \$3.75. mail, pound, 25c.; 6 pounds, \$1.00, postpaid.

Orchard Grass (Dallylis Glomerata)-The best known and most used of the grasses. Its rapid growth makes it popular for pasturage and hay. Succeeds well on all soils (not wet) on open lands, in orchards and open wood lands. Very early and the last to yield to frost. Resists drouth well. Will bear repeated pasturing and mowing more so than any other grass. Sown with Red Clover, they blossom at same time, and it will combine well with other grasses. Weighs fourteen pounds to the bushel. Sow in spring or fall, oue and a half to two bushels to the acre. Pound, 20c. By mail, pound, 30c.; 31 pounds, \$1.00, postpaid.

Texas Blue Grass Sets-Recommended as the greatest winter and spring grass known. Stands heat, cold and drouth well, and will furnish good winter grazing. Once established it lasts indefinitely, but can be rid of by plowing. Sets should be planted eight inches apart, in eighteen to twenty-four inch rows, at any time from early fall till first of May. Twenty thous-and sets will plant an acre. We cannot ship less than 1,000 sets. Price, 1,000, sets, \$2.00; if by mail, \$2.50, postpaid.

Meadow Fescue, or English Blue Grass (Festuca Pratensis)-Sometimes called Evergreen or Randall Grass. A valuable perennial grass for a permanent pasture or hay. twenty-four pounds to the bushel. Sow in fall or spring alone or in combination with clover or grasses, one to one and a half bushels to acre. Pound, 20c. By mail, pound, 30c.; 3½ pounds, \$1, postpaid. Write for peck and bushel prices.

Herds, or Red Top Grass (Agrotis Vulgaris)—Thrives on any good soil; is especially suited to low, damp soil;

remains in fair condition throughout winter; not easily killed by overflows, even when covered by water for two or three weeks at a time. Does not make much show during the first season, but becomes more dense with age. Particularly desired for early spring grazing. In seeding land, it is well to add one bushel of English Perennial Rye Grass, which makes a quick, early growth, and almost wholly disappears after first season, when the Red Top will become stronger and occupy the ground more fully. One of the best grasses to use in stopp-



RED TOP GRASS.

ing washes. Weighs fourteen pounds to the bushel. Sow in fall or spring, one and a half bushels to acre. Pound, 121c. By mail, pound. 25c.; 5 pounds, \$1.00, postpaid.

GRASSES AND CLOVERS-CONTINUED.

E. M. Horne, Dooley County, Georgia, March 7, 1899, says: "Gentlemen-I am well pleased with your garden seed; have no trouble with getting good stand."

GRASSES AND CLOVERS-CONTINUED



LUCERNE, OR ALFALFA.

LUCERNE, or Alfalfa (Medicago Sativa)-This is one of the most valuable clovers that we have; does not bear much pasturage; gives four to five successive cuttings, beginning early, of vauluable hay during the summer. It is best suited to rich sandy lands. Its roots penetrate to a great depth, hence no drouth hurts it. It does well sown broadcast or in drills; take care of it the first summer, after that, with moderate good treatment, it will take care of itself. When once set it will last a lifetime. Cut it as often as you find it grown; do not let it stand to bloom. We cannot recommend this grass too highly to any one who will give it a place on rich lands well prepared. Weighs sixty pounds to the bushel. Sow in fall or spring, ten to fifteen pounds per acre, in drills, and twenty pounds broadcast. February has proved a very successful season for us here. Pound, 15c, By mail, pound, 25c.; 4 pounds, \$1, postpaid. Write for peck and bushel prices.

Bokhara Clover (Melilotus Alba)—Called also Sweet Clover. Besides being excellent for forage, this clover is being used a good deal by bee fanciers, as it is rich in honey. Weighs thirty-two pounds to the bushel. Sow in fall or preferable early spring, twelve to fifteen pounds to the acre. Pound, 25c. By mail, 35 cents; 8 pounds, \$1.00, postpaid. In large quantities, price given on application.

Alsike Clover (Trifolium Hybridum)—Called also Swedish Clover. Succeeds best on moist strong lands. Weighs sixty pounds to the bushel. Sow in fall or spring, twelve to fifteen pounds to acre. By mail, pound, 30c.; 4 pounds, \$1.00; postpaid.

Tall Meadow Oat Grass (Arrthenaherum Avenaceum)—Doubly valuable for forage and the excellent winter grazing it affords. Suited to any good cotton land; it does well on sandy gravelly soil; can be cut twice a year. To make good hay, cut as soon as in bloom; much used in combination with other grasses. Weighs eleven pounds to the bushel. Sow two bushels to the acre, in fall or spring. Pound, 20c. By mail, pound, 30c.; 3½ pounds, \$1.00, postpaid,

Italian Rye (Lolium Italicum)—Weighs eighteen pounds to the bushel. Sow in fall or spring, one and a half to two bushels to acre. Pound, 15c. By mail, pound, 25c.; 41 pounds, \$1.00, postpaid.

Timothy (Phleum Pratense)—The standard hay grass in states North of us. Weighs forty-five pounds to the bushel. Sow in fall or spring, fifteen to twenty pounds to acre. Pound, 10c. By mail, pound, 20c.; 5 pounds, \$1.00, postpaid

English Perennial Rye (Lolium Perenne)—Weighs twenty pounds to the bushel. Sow in fall or spring, one to one and a half bushels to the acre, or less in combination. Pound, 15c. By mail, pound, 25c.; 4½ pounds, \$1, postpaid.

Giant Beggar Weed (Desmodium Molle)—

Giant Beggar Weed (Desmodium Molle)—Grows in popularity each year. Sow at any time after frost is over, until the middle of June, in drills three feet apart, three to four pounds to the acre, or broadcast ten to twelve pounds to the acre. Weighs sixty pounds to the bushel. Pound, 35c. By mail, pound, 45c., postpaid. Write for quantity price.

Japan Clover (Lesædeza Striata)—An annual, but perpetuates itself when once set. Makes its

appearance early in spring, and is not ready for grazing before June, but grows rapidly till killed by frost. Eaten greedily by all stock. While it does best on lime soil, it will also do well on red clay hills, where Red Clover will fail, Weighs twenty pounds to bushel. Sow in spring, one bushel to the acre. Pound, 25c. By mail, pound, 35c.; 3 pounds, \$1 postpaid. Write for peck and bushel prices.



JAPAN CLOVER.
GRASSES AND CLOVERS—CONTINUED.

EWING SEALE, Pike County, Mississippi, January 26, 1899, says: "Gentlemen:—The seed purchased from you last season gave better satisfaction than any I have ever used."

GRASSES AND CLOVERS-CONTINUED

Kentucky Blue Grass (Poa Pratensis)—One of the best for a pasture grass. Especially useful in mixtures with other grasses in open woodlands, front yards and ornamental plots. It should be sown with Orchard, Tall Meadow Oat and Clover; stock exceedingly fond of it. It requires rich land; will make nothing on thin soils; low ground, when the soil is dark colored and contains lime, or on seepy hillsides it does well. Sow in fall or spring, twenty or thirty pounds to the acre. Weighs fourteen pounds to bushel. Pound, 20c. By mail, 30c.; 4 pounds, \$1, postpaid. Write for peck and bushel prices.

Bromus Inermis—Sow thirty pounds to the acre. Pound, 25 cents; ten pounds and over, 20 cents per pound.

WE WOULD BE PLEASED TO MAKE SPECIAL PRICES TO THOSE WISHING TURNIP OR OTHER SEEDS IN LARGE QUANTITIES. IN WRITING KINDLY STATE AMOUNT DESIRED.

Sweet Vernal (Anthoxanthum Odoratum)
A perennial grass of sweet odor when cured.
Weighs six pounds to bushel. Sow in fall or spring, three to four pounds to acre in combination with other grasses.

OUR EVERGREEN MIXED LAWN GRASS.

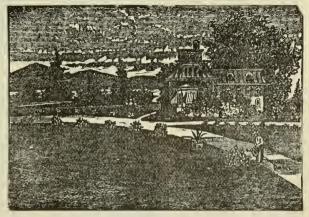
This Lawn Grass Seed is a mixture of a number of such grass seeds as have found to produce in this climate the best results. For the permanancy and beauty of the sward it makes, it cannot be surpassed. By its use a rich, green, velvety lawn can be made and maintained with only such care as

is necessary to do so.

Preparation of Soil—Have the ground deeply dug, moving all other grass roots. Fertilize liberally with well rotted stable manure. After a day or two, rake back and forth so as to break all clods of earth, leaving the ground in perfectly smooth

and level condition.

Seeding—Plant from September to middle of November, and in spring up to April. In our section thick seeding is always best, and we so advise. For a plot 10x30 feet (3)) square feet), use one pound of seed; for an acre, three bushels of 45 pounds should be used. Seed should be evenly sown over the top of the ground and afterwards lightly raked and then rolled; if a roller is not convenient, pat down lightly with back of spade. Take care



afterwards that weeds or other grasses do not spring up while grass is young. Lawns should be regularly cut and as often as once a week. Use a lawn mower. Water when necessary late in the afternoon, especially during warm, dry spells. After being well established, a top dressing of cotton seed meal or ground bone meal will be of great benefit. These furnished by us is the best to promote the growth of this grass. Weighs fifteen pounds to the bushel. Pound, 30a; 4 pounds,

\$1.00; bushel, \$3.00. By mail, 40c.; 2½ pounds, \$1.00, postpaid.

Our Special Mixture for Hay and Permanent Pasture—Variety of grasses and heavy seeding are necessary to establish permanent sods for meadows or pasture lands. We use for all mixtures Red or White Clover, Orchard, Red Top and Tall Meadow Oat Grasses, and add to these such other grasses as seem best adapted to the land to be sown, and the purpose desired, whether for hay only, or for both hay and pasture. We follow the best authorities, Dr. Phares, Prof. Chas. L. Flint and Mr. Howard, in making these mixtures, and have usually succeeded in getting satisfactory results. Three or four bushels are usually sown per acre. Fall sowing is much better than spring, because there is less interference by the indigenous growth that comes in spring. Weighs seventeen pounds to the bushel. Pound, 20c. By mail, 30c.; 3½ pounds, \$1.00, postpaid; bushel, \$2.75.

Our Special Mixture for Golf and Polo Grounds—This mixture has been tried on Golf ground with much success. Will thrive on most any soil. It was gotten up for sandy lands, therefore has some very hard and heavy grass in the mixture, staying green in the winter months. Weighs twenty pounds to the bushel. Sow from forty to sixty pounds to acre. If you have a sandy plot, that other grasses will not grow on, and wish to make a green sward, try our golf mixture. Ground Bone Meal is a fine fertilizer for this grass. Price of Golf Mixture, pound, 30c.; 4 pounds, \$1.00; peck, \$1.25; bushel, \$4.50; 10 bushels or more, \$4.00 per bushel.

A. L. Bratt, Anderson County, South Carolina, April 8, 1899, says: "Gentlemen:—The seed I ordered from you last spring proved to be satisfactory. They were decidedly the finest in my neighborhood."

OATS, RYE, WHEAT, BARLEY, ETC.

Myers' Prolific Winter Turf Oats-Our attention has been repeatedly called to this variety of Oats. Mr. Myers of Putnam County. Tennessee, from whom we have the seed, makes these claims for it: "The Winter Turf Oats' growth is of medium height, with magnificent stooling propensities and root formations, ex-sending from six to twelve inches deep; even in unfavorable soils and seasons, it is always a sure crop; rust roof, adapted to light or heavy soils, and will make a better crop on poor soils than any other oat; on good soil it will double any other known variety and at the same time make fine fall and winter pasture. Their long roots strike deep down, which enables them to withstand the hardest freeze and the most severe drouth. No oat has ever been introduced that has given more general satisfaction than this." The general report is that this variety withstood the severe freezes of January and February, 1895. We sell the seed direct from Mr. Myers, and at his price. Peck, 40c.; ½-bushel, 65c.; bushel, 90c.; 5 bushels, \$4.25, or we will send by mail or express, prepaid, a 6 pound package for \$1.00.

Extra Early Burt, or 90 Days Oats—A very heavy oats; grows tall and has white seed. This is one of the most popular cats planted in this section. It stood our winter and yielded more than any oats planted here. This variety is more planted in spring than any other oats. Write for prices.

Mosby's Prolific Oats—The seed of this variety we get direct from the originator. We have had it tested here and it has proven to be wonderfully prolific. We advise our patrons to try a small lot. Write for prices.

Native Rust Proof Oats - Our native grown Rust Proof Oats are much preferred by many. Our stock is selected and very pretty. Write for prices.

Texas Red Rust Proof Oats—well cleaned; stock very fine. Write for prices.

Appler Oats—While we do not carry this variety in stock, we can furnish same on short notice very promptly. Write for prices.

Blue Stem or Blue Straw Wheat—This Wheat we sold thousands of bushels last fall. It is spoken of highly by the Experimental Stations. Reports from many of our customers who planted this Wheat for the first time last year say it done well all through the dry season we had. Our own observation of wheat in this country shows that it can be grown here successfully, Many did not fertilize enough and we had but little rain. Our seed are pure and true to name. Write for prices.

We also furnish Red May, Fultz, Fulcaster and other wheats. Write for prices. Beware of so-called Seed Wheat sold by grocery and feed stores

Home Raised Rye—It has been found by careful experiments made here, and by the experience of those who plant year after year, that Seed Rye raised in this latitude grows much more vigorously and yields more abundantly in grain, than that even grown in the mountain section of North Georgia. Dairymen and stock raisers here use home-grown seed in preference, often at double the price of Tennessee and Illinois Rye. We command a limited quantity of home-raised seed, grown a few miles south of Augusta. Write for prices.

HAVE YOU A LAWN?

OR, DO YOU WISH ONE?

If you have a lawn you can improve it, or if you wish to make one, you can do so by using Our Evergreen Lawn Grass Seed. See description and prices in Grass list.

Georgia Rye—It grows tall, and not like the Western Rye that runs on the ground instead of growing upright. Our sales increase every year on this Georgia Rye, which is a testimonial of its merits. Write for prices.

Barley—Largely used for grazing and green food. Some of our patrons buying Seed Barley from us last fall had green food up to May. Our seed is selected and proved to be the best. Write for prices.

Cow Peas—More attention should be given these varieties of field crops; they contain more nutriment as hay than clover. It is the old reliable standby for this section. Weighs sixty pounds to the bushel. Plant from May until August, one to one and a half bushels to acre.

SAVE THE ASHES FROM WOOD

and use them as a fertilizer for your wheat. It has been tried with success. Soak wheat in Blue Stone or Blue Vitrol, two pounds to fifty gallons of water. We furnish Blue Vitrol at 15c. per pound, 2 pounds for 25c.

Unknown Pea—Called by some the "Boss," and is identical with the pea so extensively advertised as the "Wonderful Pea." One of the best field peas we know of; by far the largest vine maker and producer of seed. Elegant for cooking. Pound, 15c.; 8 pounds, \$1, postpaid. We can furnish Clay, Whippoorwill and Mixed Cow Peas. Write for prices.

Japanese Buckwheat—New. This is the most productive of all varieties, and the most profitable to raise. The grain is double the size of ordinary varieties. Very early; excellent for bees to forage on. Pound, 15c.; 4 pounds, 85c.; peck, 60c.; ½-bushel, \$1.00; bushel, \$1.75. By mail, pound, 25c.; 5 pounds, \$1.00, postpaid.

ME, HENRY HOGRIEF, Richmond County, Georgia, May 80, 1899, says: "Gentlemen:—I write this for the benefit of my friends to let them know the value of the Hairy Vetch purchased of you last fall. It has proven a great success. It was in full bloom the first week in May with purple flowers. For hay it surpasses anything I have ever seen; vines grew to be seven feet in length, and as a green food animals prefer it. For poor land there is nothing I know will compare with it."

INSECTICIDES AND FUNGICIDES.

Whale Oil Soap—Very effective for washing trees and destroying all insects on the bark; it is also an exterminator of insects and lice on plants and shrubbery. Mix at rate of one pound of soap to two quarts of hot water, and then add five gallons of cold water. Apply with watering pot or syringe: used in this manner it will promptly rid cabbage and other vegetable plants; also rose bushes and all sorts of fruit trees of the Aphides, and other insects which so often injure them. Ponnd, 20c.; 2 pounds, 35c.; 5 pounds, 50c. If by mail add 16c. per pound extra for postage.



Slug-Shot—One of the best insecticides in use. Specially recommended for destroying the Cabbage Worm, Potato Bug, Tobacco Worm, and all insects and worms; turnip and beet fly. It is ready for use, only requires to be dusted on the plants while wet with dew, or when applied in evening plants should be watered over the leaves half an hour before the slug-shot is applied. Pound, sprinkle cartoons 15c.; if by mail 30c.; 5 pound package, 35c.; 10 pounds, 60c.; 25 pounds, \$1.25.

Lemon Oil Insecticide—The very best remedy for house plants, palms, etc., effectually destroying Green Fly, Red Spider, Scale, Mealy Bug, Mildew, etc. It has no bad odor, is easy to handle being soluble in water, and can be applied to plants of most delicate foliage without danger. The "Lemon Oil" is a capital wash for dogs; it cures mange, destroys insects, and removes impurities from the hide, will also destroy lice and insects by spraying in hen pens and poultry houses. Half-pint by mail, 35c.; pint. 40c., by mail 60c.; quart, 75c.; half-gallon, \$1.25; gallon, \$2.00.

Powdered White Helleboro—For all insects; safer to use when fruits and vegetables are nearly ripe. ½ pound, 10c.; ½ pound, 20c.; 1 pound, 35c. If by mail 18c. per pound extra for postage.

Paris Green—Has been used effectually for the Webb Worm and other insects. 1 pound, 10c.; 2 pound, 15c.; pound, 25c. If by mail add 5c. 1 pound; 10c. 2 pound; pound, 16c. extra.

equally as efficacious as Paris Green, and more soluble in water; use in same way as Paris Green. Pound, 25c.; 10 pound lots and over, 20c. per pound. If by mail add 16c. per pound for postage.

Bordeaux Mixture—For Black Rot, Downy Rot, Downy Mildew and Authracnose of grapes. Potato Blight, Potato Rot, Leaf Blight, Cherry and Quince and fungus diseases. 20 pound package (50 gallons wash) \$1.00.

Pyrothrum, Persian Insect Powder— Very destructive to all kinds of insects, such as Roaches, An s, Fleas and Flies. Ounce, 10c.; ½ pound, 15c.; ½ pound, 25c.; pound, 50c. If by mail 16c. extra for postage.

Permol Kerosene Soap—Guaranteed 25 per cent. of Kerosene Oil. A great destroyer of insects. For spraying plants, etc., directions on each one pound packet. Pound, 35c., postpaid.

No. 9 Powder Bellows—With powder holder, 50c.

No. 14 Powder Bellows-With powder

holder, 75c.

Cyclone Spray Pumps—Large tank and double seamed heads, tube statiouery, cylinder 13x4x18 inches, all tin, throws a spray as fine as a mist, uses about one-tenth the liquid. Price, 75 cents.

Excelsion Knapsack Sprayer No. 1—To be carried on the back, knapsack-Reservoir holds fashion. abou t five gallons. A cele brated vermora1 Nozzle with each machine. Price, complete, \$12.00. Excelsion Sprayer No. 19-(See cut). This is the best and most substantial cheap pump sold Cylinder and all working parts are brass. Throws a constant and continuous spray. Price, complete, \$4.50. Plant Sprinkler-For sprinkling

den. We can furnish either with straight neck or bent like cut. Price of either, 10 ounce, \$1.00; 5 ounce, 50c.

plants and flowers



BULBS FOR FALL PLANTING.

We import our Bulbs direct from Holland and France. Roman Hyacinth and Paper White Narcissus arrive about the first of August, other Bulbs, latter part of September. Parties who got Bulbs of us last year had much success with them, and from the inquiries coming in, the prospects for a large increase in our Bulbs business this season, therefore we would advise you to place your order for Bulbs early. Don't wait. Nothing will so beautify your gardens as these gorgeous, sweet scented, early spring flowers.

CULTIVATING AND FORCING BULBS.

Out-Door Planting—To have bulbs bloom in early spring they should be planted from latter part of September to first of December, in deep rich soil. Give them a liberal supply of water at first. Just before the very cold weather sets in, cover with a coating of well decomposed manure, which remove early in spring, and loosen soil around bulb. Top of bulb should be two to four inches below surface of the ground.

Forcing in Pots-Plant in light, rich, sandy soil. If possible use soil composed of equal parts of well rotted cow manure, loam (the top spit of an old, rich pasture) and river sand; leave one-third of the bulb above the soil; water well; plunge pots in loose soil or sand; cover them about six inches. After four or six weeks uncover, put in a warm place and give plenty of air and light. We advise the use of old, well washed pots as being best.



HYACINTH.

Forcing Hyacinths—For blooming in-doors in glasses, select round and good-shaped bulbs. Keep them in a cool and dark place for about four weeks until they have formed roots four or five inches long, and see that the water always touches the bottom of the bulbs. Then give them plenty of light and sun, and as much air as the weather will permit. Renew water every month.

| CHOICE | DUTCH | HAYCIN | THS. |
|--------|-------|--------|------|
| | | Fooh | Dog |

| | | Each | Doz. | 100 |
|--------|-------|------------------------|--------|--------|
| Double | Mixed | Dark Red 5c. | 60c. | \$4.50 |
| " | 66 | Rose 5c. | 60c. | 4.50 |
| " | " | Pure White 5c. | 60c. | 4.50 |
| " | " | Dark Blue 5c. | 60c. | 4.50 |
| 66 | " | Light Blue 5c. | 60c. | 4.50 |
| " | " | Violet 8c. | 65c. | 4.75 |
| 66 | 66 | Purple 8c. | 65c. | 4.75 |
| 4.4 | " | Orange 8c. | 65c. | 4.75 |
| 66 | " | Yellow10c. | 70c. | 5.00 |
| Single | Mixed | Dark Red 5c. | 60c. | 4 50 |
| " | 6.6 | Rose 5c. | 60c. | 4.50 |
| " | 66 | Pure White 5c. | 60c. | 5.50 |
| " | " | Dark Blue 5c. | 60c. | 4.50 |
| " | 4.6 | Light Blue 5c. | 60c. | 4.50 |
| 44 | " | Violet 8c. | 65c. | 4.75 |
| " | 66 | Purple 8c. | 65c. | 4.75 |
| * 66 | " | Orange 8c. | 65c. | 4.75 |
| 66 | . 6 | Yellow10c. | 70c. | 5.00 |
| 66 | 44 | Roman White 5c. | 40c. | 3.25 |
| If by | mail, | ndd 10 cents per dozen | for po | stage. |

TULIPS.

| | Each | Doz. | 100 |
|-------------------------------|-------|------|--------|
| Early Single, mixed | . 3c. | 15c. | \$1.00 |
| Early Double, " | . 3c, | 15c. | 1.00 |
| Double Duc Van Thol, scarlet | . 4c. | 20c. | 1.25 |
| Double Duc Van Thol, yellow | . 4c. | 20c. | 1.25 |
| Parrot | | | |
| If hy mail add & cents her de | | | |

NARCISSUS AND JONOULIS

| HAROLOGO AND BOILEGE | | |
|--------------------------------------|------|--------|
| Each | Doz. | 100 |
| Alba Plena Odorata, dble. white. 3c. | 25c. | \$2-00 |
| Incomparable, double yellow3c. | 25c. | 2 00 |
| Orange Phœnix, double orange 5c. | 40c. | 2.50 |
| Von Sion (Yellow Daffodil)5c. | 40c. | 2.50 |
| Paper White, single 3c. | 20c. | 2.00 |
| Pœticus, pure white, red cup3c. | 20c. | 2.00 |
| Polyanthus Narcissus, mixed5c. | 30c. | 2.25 |
| Jonquils, single2c. | 15c. | 1.00 |
| • • • | | |

CHINESE SACRED LILIES.

Narcissus Orientalis (Flowers of the Each10c. If by mail, add 5 cents each for postage.

| CROCUS. | Doz. | 100 |
|---|------|-----|
| Select, all colors, mixed If by mail, add 3 cents per dozen for | | |
| LILLIES. | | |

| Easter Lily, Bermuda (Lilium Each | Doz |
|---|------|
| Harrisii), first size, good bulb10c. | |
| Lilium Candium (Annunciation Lily). 10c. | 1.00 |
| Lilium Auratum (Golden Japan Lily). 15c. | 1.50 |
| Lilium Tegrinum (Double Tigar)10c. | 1.00 |
| Pure White Calla Lily15c. | 1.25 |
| Spotted Leaf Calla Lily15c. | 1.25 |
| Lily of the Valleypips 5c. | .40 |
| If by mail, add 3 cents each for postage. | |

| OTHER BULBS. | | | |
|-------------------------------|-----|------|--------|
| | ach | Doz. | 100 |
| Anemone, Double, mixed | 3c. | 25c. | \$1.75 |
| French Ranunculus, fine | 3c. | 20c. | 1.50 |
| Freesia Refracta Alba, No. 1 | 3c. | 25c. | 1.75 |
| Snow Drop (Zalanthas Nevatis) | 3c. | 20c. | 1.50 |
| Allium Nepoliatium | 3c. | 25c. | 1.75 |
| Spanish Iris, mixed | 2c. | 15c. | 1.00 |
| Oxalis, fine, mixed | 3c. | 20c. | 1.25 |

FLOWER SEEDS.

In the list of flower seeds here named, many of them are annuals, and can be sown during the summer months to advantage. Others are hardy, can and should be planted in the late summer and early fall months, needing slight protection during the cold weather. The best results with sweet peas can be expected when planted in October and November.

Alyssum (Sweet)-Free flowering and very fragrant. Useful for edging and bedding. White. Packet, 5 cents.

Aster - A flower garden is incomplete without these popular and effective flowers. For late summer and fall displays they have but few equals. Choice mixed. Packets, 5c.

Balsam (Ladies Slippers)-An old favorite; blooms in great profusion. Packet, 5 cents.

Calendula-A showy, free flowering annual. Choice mixture. Packets. 5 cents.

Candytuft—A great favorite; culture easy. Makes a showy plant, either in beds or pots. Mixed, packet, 5 cents. Pure White, packet, 5c.

Carnation—One of the most popular flowers; deliciously fragrant. Colors extremely rich and beautiful. Choice mixture. Packet, 10 cents.

Double Daisy-This hardy perennial is unsurpassed for edging shady borders and pot plants, Has been called the poet's favorite. White, packet, 10 cents. Mixed, packet, 10c.

Dianthus (Pinks)—One of the most beautiful for bedding; flowers retain their beauty for a long time. Colors range from pure white to the richest crimson. Double mixed. Packet, 5c.

Hollyhock-Superb double. A well known garden favorite and one of the prettiest summer lowers we have. Best planted in the early fall. Choice mixed. Packet, 5 cents.

Mignonette (Sweet) - A well known, showy, fragrant favorite. Packet, 5 cents.

Mostertium (Tall)-Mixed colors. Packet, 5 centa; ounce, 15 centa; 4 cunces, 40 cents.

Masturtium (Dwarf)—Mixed colors. Pkt., 5 cents; ounce, 15 cents; 4 ounces, 40 cents.

Petunia-Showy and popular plants for fine summer garden. Fine mixed. Packet, 5 cents.

Phiox-Drummondi - Extra mixed. Choice colors. Packet, 5 cents.

Popples—Double mixed. This handsome flower is the best started in the fall. Extremely showy. The brilliant and effective colors have made them popular. Mixed. Packet, 5 cents.

Sweet William-Double mixed. An old favorite. Packet, 5 cents.

SWEET PEAS—There is no flower attracting more attention than this one, Experience has proven that for the best results they should be planted in November. Select a dry situation and sow seed six inches deep in double rows, as you would garden peas, and stick them.

Apple Blossoms—Shaded, pink and rose. Packet, 5 cents.

Boreatton—A dark, deep maroon. Packet, 5 cents.

Emily Henderson— A new American variety; pure white. Packet, 5c.

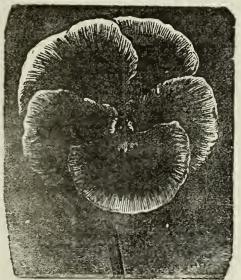
Orange Prince-Orange and salmon; is quite a favorite. Ounce, 15c.; 4 ounces, 50c.

Primrose Yellow-New. This is a delicate canary yellow, with beautiful shades. Ounce 15c.; 4 ounces, 40c.

imperial Blue - A grand invincible blue. Packet, 5 cents.

Violet Queen-New. Violet. One of the prettiest and latest. Ounce, 15c.; 4 ounces, 40.

Eckford's Delight-White, standard; at first tinted crimson, which becomes very softly diffused. Packet, 5 cents.



OUR PREMIUM PANSY.

We have a mixture of above beautiful tinted Sweet Peas, combined with other choice varieties, that we sell in bulk. Packet, 5 cents; ounce, 10 cents; 4 ounces, 25 cents; 8 ounces, 40 cents; pound, 75 cents, postage 10 cents extra.

PANSIES—This is the most popular of all flowers, and it is needless to say anything in praise of such universal favorites. Should be planted from August to November to insure large vigorous plants for early spring blooming.

Our Premium Pansy Seed-Same strains of imported seeds as ave been sold by us for several years, combining a mixture of the best varieties, which for size, richness in color and markings cannol be excelled. Flowers from the seed sold by us produce the largest and handsomest blooms ever seen here. Packet, 25 cents; five packets, \$1.00.

Corman Panay Sood-Flowers very showy,

Packet, 5 cents,



Pratt's Poultry Food—This Egg producer is too well known to make any comment on same; it makes larger fowls, quickens the growth of young chicks, prevents and cures all poultry diseases. The manufacturer claims it to be a sure cure for Chicken Cholera, Roups, Gapes and all diseases that poultry are subject to. Package, 26 ounces, 25c.

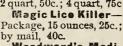
Pratt's Stock Powder—Cures and prevents Hog Cholera. Dairy cows fed on it give more milk and butter. It prevents lanking of calves and builds up a cow that has aborted. A horse fed on it has his bowels, blood and digestive organs regulated. Produces bone and muscle and improves the wind. 7 pound packages, 50c.; 12 1 ound bag, 75c.

Dodge's Four Cs—One of the best preparations for Chicken Cholera; certain cure. Package, 25c.; by mail, 30c.

Magic Food For Poultry—An excellent food and egg producer. A safe vegetable tonic for the cure and prevention of all diseases of the flock. Will make hens lay summer and winter. Will make larger fowls and qui ken the growth of young chickens. 2½ pound package, 25c.

Magic Food For Stock—A vegetable tonic and appetizer for all stock, improving their general health, keeping them in good condition. 21 pound package, 25c.; 10 pound bags, 75c.

Chicken Founts—Stoneware. Quart, 80c.; 2 quart, 50c.; 4 quart, 75c



Woodward's Medicated Nest Eggs—5c. each, 50c. per dozen.

Zucker's Medical Eggs—10c. each, \$1.00 per dozen.

Roffea—For tying up plants, celery, lettuce and bunching asparagus; a very serviceable article. Pound, 25 cents



CHICKEN FOUNTS.

Ground Bone Meal—Is highly recommended for Cabbages, Onions, Potatoes, Asparagus, Strawberries, Lawn Grass, Palms, Grape Vines and other plants. It makes a permanent fertilizer as the bone is steadily decomposing, therefore giving food to the plants at all times. 5% pounds, 25c.; 25 pounds, 75c.; 50 pounds, \$1.25; 100 pounds, \$2.00; one sack, (200 lbs.) \$3.50; one ton, \$30.00.

WE SEEK YOUR PATRONAGE AND KNOW THAT WE CAN PLEASE YOU TRY US.

"Out O' Sight" Mole Trap—Simplest and best made. Directions furnished with each trap. 75c each, by mail or express, paid, \$1.00.

"Out O'Sight" Mouse Traps—10c.; by mail, 12c. "Out O'Sight" Rat Traps—25c.; by mail, 33c.

"Stop Thief Trap"—Catches all small animals such as Rabbits, Opossoms, Minks, Squirrels, etc. 35c.; by mail, 45c.

Canary Bird Seed—
Mixed, pound boxes. Having a piece of cuttle fish and hemp seed in an envelope and not mixed. We MOLE TRAP. use the best Sicily Canary seed. Package, 10c.;

by mail, 20c.

Mocking Bird Food—In Bottles. Bottle.

25c. Cannot be sent by mail.

Ruha's Mocking Bird Food—/n cans.
Can, 35c.; by mail, 53c.

Bishop's Parrot Food—Box, 20c.; by mail, 30c.

Bird Manna—Makes birds sing. Package, 15c.; by mail, 17c.

Bird Bitters—A tonic for birds; a health restorer. Package, 25c.; by mail, 35c.

Silver Bird Sand—13 pound packages, 5c.; by mail, 30c.

Cuttle Fish Bone—For birds, 5c. a piece; 10c. per ounce.

Plain Canary Seed—Best Sicily; pound, 10c.; by mail, 18c.

pound, 10c.; by mail, 18c.

Sunflower Seed—For Chickens and Par-

Hemp Seed-For Parrots and other birds;

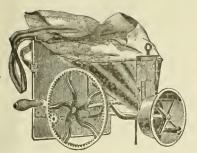
rots; pound, 10c.; by mail, 18c.

Fish Food—For Gold and Silver Fish; box, 10c.; by mail, 15c.

HYACINTH GLASSES.

| Tall, flat bottoms | \$2.40 doz. |
|--------------------------------|-------------|
| Short, round bottoms25c. each; | 2.50 doz. |
| Chinese Sacred Lily Bowls | 25c. each |

P. J. BERGKMANS Co., Augusta, Georgia, May 8, 1899, say: "Gentleman—As you request our opinion as to the value of Lunon Cil, as an insecticide, we take pleasure in stating that we have used it extensively for the last four years and find it invaluable for destroying all insects which are found on plants grown in greatheuses or in pota."



Cahoon's Patent ____

Hand Seed Sower.

For sowing Wheat, Oats, Hemp, Barley. Rve, Buckwheat, Grass Seeds, etc. The best machine of the kind in the market. The grain is held in a light sheet-iron hopper, surrounded by a bag which will hold a bushel of seed. This is suspended by a stray from the operator's neck, and held in position by a strap around the waist. The seed is thrown from eight to twenty feet on each side of the operator, the heaviest seed being, of course, thrown the greatest distance. Price, \$3 75.

"PLANET, JR."

GARDEN SEED DRILLS, CULTIVATORS AND WHEEL HOES.

These are the most popular and satisfactory Garden Tools made, and are sold the world over. We cannot illustrate and describe here all of the kinds we carry but we will mail free to any one interested a finely illustrated book, showing all kinds made. Send for it.



The "FiRE-FLY" Garden Plow—A great labor-saving tool for small gardens. Price, \$2.00.

The "PLANET, Jr." No. 15—Singte-Wheel Hoe, Cultivator, Rake and Plow Combined. This single wheel Hoe is lighter than the double and does almost the same variety of work. Owing to the lightness, it is more pleasant to some than the double wheel Hoe. Price, \$6.00.

"PLANET, Jr." No. 17—Single Wheel Hoe, Cultivator and Plow. This has the same frame, handle, etc., as No. 15, but is supplied only with a pair of 6 inch hoes, a set of cultivator teeth and a plow. a sufficient outfit for most gardening work. Price, \$4.00,

"PLANET, Jr." No. 11—Double Wheel Hoe, Cultivator, Rake and Plow. This is the second year of this splendid tool, and claimed to be the best tool ever made by them. Price, complete, \$8 00. See cut.

"PLANET, Jr." No. 12—Double-Wheel Hoe, Cuttivator and Prow. This machine is very serviceable, has 2 hoes, 4 cultivator teeth, 2 turn plows. Price, \$6.00.

"PLANET, Jr." No. 3—Market Gardeners Hill Dropping Seed Drill. Sows either in hills or continuous rows. It has a 15 inch wheel, with broad face, a very light runner. Price, \$9.

"PLANET, Jr." No. 5—Hill Dropping Seeder, new. This is one of the new tools of last year. See "Planet, Jr." Catalogue. Price, \$12.



"PLANET, Jr." No. 2—Seed Drill. This is a simple and most accurate Seed Drill, and has been the standard machine for years. This machine, with the Double-Wheel Hoe, makes an excellent combination for large gar-

deners. Price, \$6.50.

"PLANET Jr." No. 1—Combined Drill-Wheel, Hoe, Cultivator, Rake and Plow. The very best machine made for the two purposes, and does both well. Opens furrows for corn, beans and potatoes and covers them. Price, \$9.00.

"FLANET Jr." No. 8—Horse Hoe. This is comparatively a new tool, and has rapidly grown into favor with farmers, market grideners and strawberry growers. For full description, see "Planet, Jr." Catalogue. Price, \$8 00.





QUR IMPROVED BON AIR RUTA BAGA.

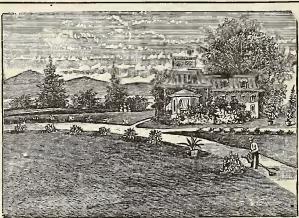
This is unquestionably the best Ruta Baga for the table and stock ever offered. It is a purple top and yellow flesh, fine grained, solid and early to mature; grows to a large size; is a good winter keeper. We want our patrons to try it. Packet, 10c.; 2-oz. 15c.; 1-lb. 20c.; 1-lb. 35c.; 1 lb. 60c.; by mail, postpaid.

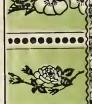


For a Late Crop of Beans_

Plant Beans in the Garden every two weeks till September. Prices, half-pint, 15 cents; pint, 30 cents; by mail, postpaid.









Our Evergreen Lawn Grass Seed

Makes the Prettiest Lawns. Pound plants a plot 10x30 feet. Pound, 40c.; 2½ pounds, \$1, postpaid. Write for other prices.



ON APPLICATION. ADDRESS

Alexander Seed Co.

AUGUSTA. GA.