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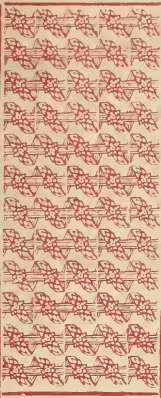


Summer and Fall
Price List and

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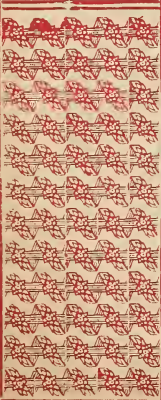
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Specially
Selected
and
Grown
for the
Southern
States.

**Garden
Seeds
Bulbs
AND ROSES**

FOR 1901.



H. G. HASTINGS & CO.,

4 W. Mitchell St.,

Atlanta, - - Georgia.



"NO SEEDSMEN LIKE HASTINGS & CO."

For several months we have been receiving letters something like the following one from a former customer, who, after we moved from Florida, wandered after strange gods, trying to get seeds of the right kind, without success:

Volusia County, Florida.

Gentlemen:—

Since you left Florida we have almost failed in our garden crops, but this year we send our order to you again and I don't think I shall ever experiment with any other seedman again, for as long as we got seed of you, our garden crops always did well. My wife says "No seedsmen like Hastings & Co."
J. C. POPWELL.

The truth is tersely told in that brief letter. There are no seedsmen like ourselves. There are no seedsmen making a specialty of Southern business as we are. There are none that have crops of seeds grown with a view to their being thoroughly adapted to the South. There are no seedsmen who understand the needs of the South in the way of seeds as we do. There are no seedsmen who can give you the grade of seeds that we do, because our special grades are not on the market and cannot be bought except of us. We have several imitators who pretend that they are specialists in seeds for the South, but the first trial of the seeds they sell show how false their claims are. There are no seeds for the South like ours, and no seeds that do so well when planted in Southern soil, from Florida to Texas, from Tennessee to the Gulf. There are "No Seedsmen Like Hastings & Co."

OUR PREMIUM OFFER OF HELP THAT YOU NEED.

There is no greater help to the farmer than a first-class agricultural paper that brings to him regularly the best of the agricultural information obtainable.

THE SOUTHERN RURALIST

Is published for the purpose of imparting all the latest practical knowledge that will be helpful to the Southern farmer at a very low cost (25 cents a year.)

THE BEST AND CHEAPEST AGRICULTURAL PAPER IN THE SOUTH.

It is a cheap medium of information to the agricultural and horticultural residents of the South of desirable methods of cultivation of vegetables for market or home use; of general crops; of hay and forage crops; of permanent improvement of the soil; how to fertilize at the lowest possible cost, and the best fertilizers for the different crops. The articles printed in the Ruralist are all either written for this paper exclusively or carefully selected, and as far as possible all the misleading articles, such as are so commonly seen in other agricultural papers, are omitted.

The Ruralist Favors Progressive Agriculture. It favors home production of every dollar's worth of food products consumed in the South. It is devoted to the farming and gardening interests of every Southern state. It is worth a hundred times its cost to every Southern farmer who will take the information contained in it and apply it to his own farming operations.

We want the Ruralist in the home of every farmer in the South. We will send it for one year as a premium on orders for seeds, IN PACKETS ONLY, to the amount of 25 cents, or it will be sent as a premium on any order for seeds to the amount of One Dollar. This is the most helpful premium we can offer you, and we want you to take advantage of it.

SEASONABLE SEEDS

FOR

SUMMER AND FALL PLANTINGS

IN THE SOUTH ATLANTIC AND GULF STATES.

Best Varieties! Best Quality! Right Prices!

SEEDS POSTPAID BY MAIL—Remember that the prices given in this list include the delivery of all seeds by the packet, ounce, quarter pound, pound, pint or quart, except where noted. Send us the amount named in this Catalogue and we guarantee safe delivery by mail in these quantities.

LIBERAL PREMIUMS—Please bear in mind that on Seeds in Packets and Ounces Only, (no quarter pounds, pounds, pints or quarts) the purchaser may select 25 cents worth extra on each dollar sent. This does NOT apply to orders for collections.

COST OF SENDING MONEY—In all cases where the order for seeds amounts to One Dollar or more, the cost of postoffice or express money order or cost of registering the letters from places that are not money order offices, may be deducted from the amount.

STAMPS—On orders for seeds where the amount is less than 50 cents, we will accept postage stamps in good condition (one cent and two cent stamps preferred) the same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent them sticking together or to the order.

SPECIAL EXPRESS RATES—We have obtained from the Southern Express Co. a special express rate on seeds shipped from us to our customers. The special rate is equivalent to a reduction of about one-third from the regular rates, and on shipments of less than 30 pounds we can in most cases ship by express cheaper than by freight. As a rule we can ship 15 pounds of seed or a peck of peas, or beans, or corn to any point reached by the Southern Express Co. for 35 cents. This does not apply to points on the Wells, Fargo, American or Pacific Express. The cost in these cases will be 35 cents for each company on a 10 or 15 pound shipment, making a charge of 70 cents for a point when shipment is handled by two different express companies.

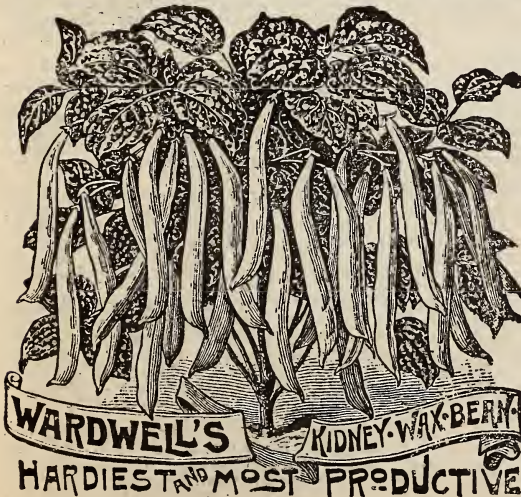
(While we exercise the greatest care to have all seeds pure and reliable, we give no warranty, express or implied, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once, and any money that has been paid for them will be refunded. Every order received for articles in this Catalogue will be filled on these conditions only.)

BEANS FOR LATE PLANTINGS.

For two years beans have been a short crop, the result of unfavorable growing seasons. One result of the shortage has been to force on the market large stocks of inferior and run out types of the most popular varieties. This is especially true of the Valentine, where beans have been sold that produced, when planted, as high as 80 per cent. of flat podded, tough, unsalable beans, when all of them should have been round podded. This inferior stock of beans has been and is being offered all over the South at lower prices than good stock can be sold at. The difference, so far as appearance goes, cannot be told except by an expert, until the crop is grown. We give this simply as a warning. When you are offered beans at an unusually low price you may be certain that there is a cause for that low price and that you are taking big chances with your crop in buying them. Without boasting, we can say that for the past twelve years we have sold thousands of bushels of beans, both to the market and home gardeners, and in that time we have never sold a bushel of beans that was not pure and true to type and description, and it is a record that we are proud of, and it is a record that we are going to continue to maintain.

CULTURE.—In this latitude (Atlanta) bush beans can be planted all through the summer and up to September 1st. In Florida, Texas and along the Gulf Coast, plantings for fall use should begin about August 1st and continue until October, for the fall and early winter crops soil should be warm and moist for successful germination. Sow in drills 18 inches to two feet apart, dropping a bean every 3 or 4 inches; cover two inches. When ready to bloom draw the earth up around the stem.

BUSH OR BUNCH BEANS.



Wardwell's Kidney Wax.—The best wax bean for either home use, market gardens or shipping in the South. For 10 years it has held its own against numerous introductions and is today the most popular of any wax bean among Southern planters. It is an extra early, maturing in from 40 to 45 days. It produces a heavy crop of purely wax pods, long, showy, rather flat, but meaty, very tender and with few strings. Very free from tendency to "rust" and "spot." Packet 10 cents; ½ pint, 15 cents; pint, 25 cents; quart, 45 cents, postpaid. Peck, \$1.50; bushel, \$5.75.

Yosemite Mammoth Wax.—A giant variety, especially suitable for home use. Pods 10 to 14 inches long and thick as a man's finger. Rich golden color, very meaty, free from strings. Very productive, as many as 50 pods having been grown on a single plant. On account of its large size plant twice as far apart as for other varieties. Packet, 10 cents; ½ pint, 20 cents; pint, 30 cents; quart, 50 cents, postpaid.

Dwarf German Black Wax.—An old favorite in home gardens in many parts of the South. Packet, 10 cents; ½ pint, 15 cents; pint, 25 cents; quart, 40 cents.

Grennell's Rust Proof Golden Wax.—An improved form of the Golden Wax, the appearance of the seed being identical with that variety. Pods straight, long and fleshy; of very superior quality and almost entirely "rust" or "spot" proof, which is often quite an object here in the South. Packet, 10 cents; ½ pint, 15 cents; pint, 25 cents; quart, 40 cents. Peck, \$1.50; bushel, \$5.50.

Green Podded Varieties.



Hastings' Excelsior Refugee.

STRINGLESS GREEN POD.

The more we see of it the better we like it, and every trial of it convinces us that it is destined to supersede the Valentine, both for market and home use. It is an absolutely stringless, green round podded bean, surpassing all others in crisp, tender qualities and fine flavor. It makes a beautiful appearance with its long, green pods. It is immensely prolific, a strong, vigorous grower, coming into bearing 9 or 10 days before the earliest strains of the Valentine and continuing to produce long after other varieties have gone, the pods retaining their superb eating and stringless qualities to the last. It is of immense value, not only to the market gardener who desires the most profitable crop, but also to those with the family garden who desire to combine the finest quality with the heaviest production.

The tests of it for the past two years in both the market and home gardens around Atlanta have shown its great superiority in every respect, to the Valentine, which has heretofore been the standard. We recommend it fully to everyone who grows beans in the Southern States. Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart, 45 cents, postpaid. Peck, \$1.50; bushel, \$5.50.

HASTINGS' EXCELSIOR REFUCEE.

A favorite with our Florida customers, both for market and home use. It seems to be especially adapted to many sections of that State, both for fall and spring planting. It is a strong, vigorous grower; very prolific, and bears immense quantities of well rounded out pods of the finest quality. Stands shipment much better than Valentine. Withstands both heat and drought much better than other sorts. It is well adapted to all parts of the lower South—especially for late summer and fall plantings. Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid. Peck, \$1.25; bushel, \$4.50.

Extra Early Red Valentine.—TRUE ROUND PODDED STOCK. For the past two years immense quantities of run-out types of the Valentine have been unloaded on planters in the South, and there are plenty of them still being offered. Some of the stock put out by what are considered the most reliable houses in the North turned out over 80% flat pods, uneatable and unsalable. Every quart of them planted means direct and certain loss. The difference in the appearance of the true and this spurious stock is so slight that it can only be detected by expert seedsmen.

We have no Valentine beans that are not true stock—thoroughly developed and round podded. The pods are of fine quality, thick and meaty. Very uniform in ripening and considered one of the most profitable for gardeners all through the South. For purity and high germinating qualities our Valentine stock is excelled by none and equalled by few. Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid. Peck, \$1.25; bushel, \$4.50.

Improved Round Pod Refugee.—Often sold under name of Brown Valentine in some sections. While not as early by 10 days to 2 weeks as Excelsior Refugee and Valentine, its heavy cropping qualities and resistance to drought make it a favorite for late summer and fall planting. Pods good size, meaty and tender, holding up well in shipping long distances. It continues in bearing several weeks longer than the early strains. Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart 40 cents, postpaid. Peck: \$1.00; bushel, \$3.50.

White Mexican.—Resembles the common navy bean very much in appearance, but plants are upright in growth, holding pods well off the ground. Grows to a height of two feet, branching in all directions. Plant in rows two feet apart and six inches apart in the row. They can be used in the green state as a snap, but their great value for late planting is to furnish dry shell beans for winter use. For this purpose they are invaluable in all parts of the lower South. Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid. Peck, \$1.25; bushel, \$4.75.



Stringless Green Pod Bush Bean.

Natural size of pod.

but plants are upright in growth, holding pods well off the ground. Grows to a height of two feet, branching in all directions. Plant in rows two feet apart and six inches apart in the row. They can be used in the green state as a snap, but their great value for late planting is to furnish dry shell beans for winter use. For this purpose they are invaluable in all parts of the lower South. Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid. Peck, \$1.25; bushel, \$4.75.

BUSH LIMA BEANS

are all good for late summer planting, in the lower South during July and August. They bear better planted at that time than in the spring. For full descriptions see Annual Catalogue.

Thorburn Bush Lima.—Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart, 45 cents, postpaid. Peck, \$1.75; bushel, \$6.50.

Burpee Bush Lima.—Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart, 45 cents, postpaid. Peck, \$1.75; bushel, \$6.50.

Henderson Bush Lima.—Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart, 45 cents, postpaid. Peck, \$1.50; bushel, \$5.75.

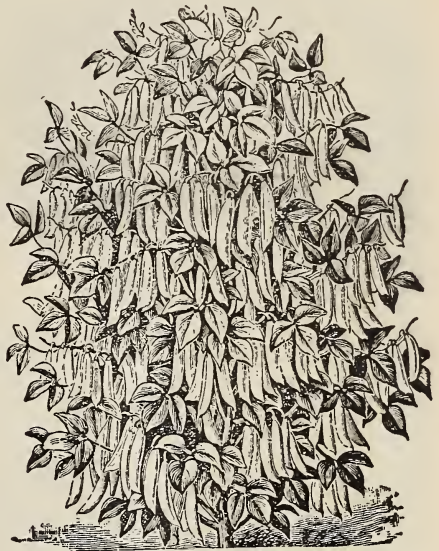
Jackson Wonder Bean.—Packet, 10 cents; half-pint, 15 cents; pint, 25 cents; quart, 45 cents, postpaid. Peck, \$1.50; bushel, \$5.75.

One Packet Each of the 4 Bush Limas for 25 Cents, Postpaid.

Our Large Packets of Beans
 10 Cents by Mail, Postpaid, contain about 4 Ounces of Seed. Those from other houses about 2 Ounces. You get twice as much for your money from us.

For several years I have been buying my garden seed from you; during the same time I have tried seed from other firms, and find that yours are not only cheaper, but they are the most successful seed I have ever found.

S. C. JONES,
 Orange County, Fla.



The Jackson Wonder Bean.

GARDEN BEETS.

Our Prices include Payment of Postage by Packets, Ounces and Pounds of Beet Seed Except in 10-Pound Lots.

FRENCH GROWN SEED It is well known among leading seedsmen that the best beet seed comes from France. The French seed germinates better, produces smaller tops and makes smoother and tenderer roots than beet seed grown elsewhere. Our well-known policy of having the best of everything, leads us to place all of our beet seed growing contracts with the leading beet seed grower of France. By so doing we get the best and nothing but the best.

CULTURE Sow in rich or well manured ground after same has been deeply plowed or spaded. Sow in rows 18 inches to 2 feet apart. Sow thinly in the rows in this latitude from early spring up to August 15th and later further south. In Florida, sow from September to December. The seed is rough and soil should be firmed or rolled after planting. When 2 or 3 inches high thin out to 5 or 6 inches apart in the row. The young plants are superior to turnips and spinach for greens. In light, sandy soil cover seed 2 inches; in stiff or clay soils not over 1 inch.



Hastings' Improved Early Blood Turnip Beet.

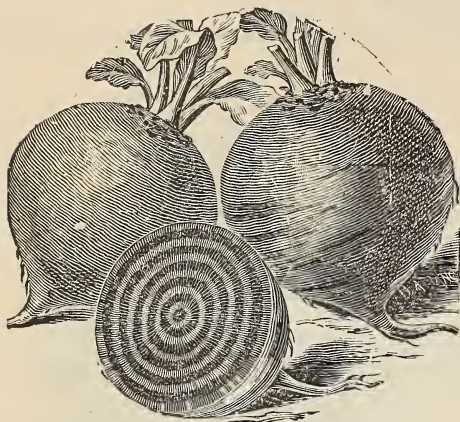
Hastings' Improved Early Blood Turnip Beet.—Fine form and deep blood-red color; tender, free from strings and fine flavor. Very uniform in growth, early and productive. Especially valuable for successive plantings. Essentially the best beet for home garden use. Packet, 5 cents; ounce, 10 cents; ¼ pound, 20 cents; pound, 55 cents, postpaid.

Hastings' Beet Seed is grown from carefully selected roots, all small and inferior roots being thrown out.

Eclipse.—The most popular market gardener's beet. Rapid grower, small top, fine quality; roots smooth and fine flavor. Blood-red skin and flesh, fine grained and sweet. Very heavy cropper. Packet, 3 cents; ounce, 8 cents; ¼ pound, 15 cents; pound, 45 cents, postpaid; 10 pounds, not prepaid, \$3 50.

I purchased some of your Redfield Beauty Tomato Seed last spring. Up to that time I had failed on growing tomatoes, but see now, since using your seed, where the trouble was. I will never be without the Redfield Beauty.

A. McWILLIAMS,
 Bazette, Texas,



Hastings' Crimson King Beet.

Half-Long Blood—A dark red, half-long variety. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 55 cents; 10 pounds, not prepaid, \$4.00.

Yellow Turnip Beet—Yellow flesh. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents; 10 pounds, not prepaid, \$5.00.

Swiss Chard or Sea Kale—Grown for the leaves. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 50 cents; 10 pounds, not prepaid, \$3.50.

MANGEL AND SUGAR BEETS.

Valuable for stock feed only, and should be grown for winter feeding by every dairy or stockman. The product per acre is enormous, and the value is shown in an increased flow of milk and the improved health of the animals. For best results sow in spring and let grow through the entire summer.

Jumbo Long Red Mangel—Ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 40 cents; postpaid; 10 pounds, not prepaid, \$2.50.

White French Sugar—Ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 40 cents, postpaid; 10 pounds, not prepaid, \$2.50.

BROCCOLI.

This vegetable is closely allied to the Cauliflower, from which it is supposed to have come. Its culture is the same as for Cauliflower, and in the Southern States is a much surer header. There are many who are deterred from growing Cauliflower from the high price of the seed. To these we recommend a trial of Broccoli. There are two varieties that do well in the South, the only difference being in the color of the heads.

White Cape—Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 75 cents.

Purple Cape—Packet, 10 cents; $\frac{1}{2}$ ounce, 20 cents; ounce, 30 cents; $\frac{1}{4}$ pound, \$1.00.

BRUSSELS SPROUTS.

CULTURE—Same as cabbage.

Improved Dwarf—A variety producing compact sprouts, of excellent quality. Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.50.

CAULIFLOWER.

CULTURE—It is useless to hope for success unless your soil is rich or well manured. Sow at same time as cabbage. Transplant when three or four inches high. Give plenty of water in dry weather. Hoe thoroughly and often. Heads may be blanched extra white by tying the leaves over the tops closely. In Florida and along the Gulf Coast sow seed in September, October and November.

Extra Early Paris White—Heads medium size. Fine for family garden. Packet, 10 cents; $\frac{1}{2}$ ounce, 30 cents; ounce, 50 cents; $\frac{1}{4}$ pound, \$2.00; pound, \$7.00.

Le Normand's (Short Stem)—Packet, 10 cents; $\frac{1}{4}$ ounce, 15 cents; $\frac{1}{2}$ ounce, 25 cents; ounce, 50 cents; $\frac{1}{4}$ pound, \$2.00; pound, \$7.00.

Hastings' Crimson King—One of the earliest and sweetest of all beets. Thousands of our customers use it every season with entire satisfaction. With favorable seasons it is ready for use in six weeks from sowing. Good size, round shape; small top and very tender. Color deep red, slightly zoned with lighter red. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound 20 cents; pound, 70 cents, prepaid; 10 pounds, not prepaid, \$4.75.

Lentz Extra Early Beet—A favorite with Florida market gardeners, either for shipment or nearby market. Nearly as early as Egyptian, but larger and of better quality. Fine shape, dark red color; tender and sweet either young or old. Small top, and with favorable season is ready for marketing in six weeks. Very productive and a perfect keeper. Packet, 3 cents; ounce, 8 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents, postpaid; 10 pounds, not prepaid, \$3.50.

Extra Early Egyptian—Early, quick growing variety. Packet, 3 cents, ounce, 8 cents; $\frac{1}{4}$ pound, 15 cents; pound 45 cents; 10 pounds, not prepaid, \$3.00.

Bastian's Extra Early—Early, quick, large grower. Packet, 3 cents; ounce, 8 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents; 10 pounds, not prepaid, \$3.00.

Extra Early Bassano—Early, round and light colored. Packet, 3 cents; ounce, 8 cents; $\frac{1}{4}$ pound, 15 cents; pound 45 cents; 10 pounds, not prepaid, \$3.00.

Long Smooth Blood—Late variety; resists drought. Packet, 3 cents; ounce 8 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents; 10 pounds, not prepaid, \$3.00.

Gilt Edge Cauliflower—In 1893 we introduced this variety to the South. It was "gilt edge" then and it's gilt edge now. In 8 years we have found none of the new introductions to equal it for the South. It's the best early strain of Cauliflower offered for sale; large, perfect and a sure header. A perfect head of Gilt Edge surpasses any other. One specimen sent to us weighed 7 pounds, 8 ounces. While it is of the Snowball type, it is earlier, larger and stands longer in the field without decay than the Snowball. It's the very best variety to be had. Packet, 20 cents; $\frac{1}{4}$ ounce, 75 cents; $\frac{1}{2}$ ounce, \$1.25; ounce, \$2.25, $\frac{1}{4}$ pound, \$8.00; pound, \$30.00.

Early Snowball (Henderson's)—A good early variety, second only in value to the Gilt Edge. Packet, 15 cents; $\frac{1}{4}$ ounce, 50 cents; $\frac{1}{2}$ ounce, 90 cents; ounce, \$1.75; $\frac{1}{4}$ pound, \$6.75; pound, \$24.00.

Extra Early Dwarf Erfurt (Selected Stock)—Packet, 15 cents; $\frac{1}{4}$ ounce, 50 cents; $\frac{1}{2}$ ounce, 90 cents; ounce, \$1.75; $\frac{1}{4}$ pound, \$6.75; pound, \$24.00.

Large Late Algiers—Best late variety. Packet, 10 cents; $\frac{1}{4}$ ounce, 25 cents; ounce, 75 cents; $\frac{1}{4}$ pound, \$2.50.

Autumn Giant—Packet, 10 cents; $\frac{1}{2}$ ounce, 30 cents; ounce, 50 cents; $\frac{1}{4}$ pound, \$1.50.



Gilt Edge Cauliflower—The Finest Strain Grown.



GROWN FROM HASTINGS' "PREMIER BRAND" CABBAGE SEED.

SOMETHING NEW

Hastings' Premier Brand Cabbage Seed.

For ten years we have had the best grade of American grown Cabbage Seed handled by any seed house in the world. It was good seed; it was the best to be had at the time. With it our cabbage seed sales increased over 1000 %, and our customers were satisfied. We were not. We wanted cabbage seed, not only better than others, but a great deal better. After years of effort along this line we have succeeded in getting it. Hereafter every pound of cabbage seed sold by us will be of our "Premier Brand," a new special high-grade stock of cabbage seed never before offered, except to a few market gardeners on Long Island. Every head of cabbage from which this seed is grown is selected. Every head that is not absolutely true in shape, size and solidity is thrown out and destroyed. Every head that does not come up to the standard of the most exacting cabbage seed grower in this country is rejected. In this way every seed produced is what is known as "stock seed" among seed growers, and is as near perfection as can be produced. None of this grade of seed is sold now. We are the first to obtain it for general distribution. It has not been accessible and has never been put on the market before by any seedsman, North or South, East or West, and very few are ever going to do it for the reason that it costs from 100 to 200 % more than to grow the grades now offered by seedsmen. Quality is the first consideration with us, cost second. This "Premier Brand" is not confined to any one variety. It is of the same grade all through our list. Every variety in this catalogue is grown under these conditions. We are determined to excel every seed house in this country in the quality of our seeds, and this is one of our methods of doing it. Plant our "Premier Brand" Cabbage Seed, and you will be surprised at the superiority of your crop over that of your neighbors who continue to plant the other grades.

The illustration showing a single head of All-Head Early, shows what can be done with our cabbage seed. This was grown by a prominent market gardener near Atlanta. Why not have cabbage like that in your place this season? You can if you use our "Premier Brand" Cabbage Seed.

BIG 4 CABBAGE COLLECTION

has for years been the standard in gardens in every Southern State. Tens of thousands of these collections are sold by us every year, and each year the demand for it increases. It is popular for four reasons: 1st. It gives a succession crop of cabbage in every garden, no two of the varieties maturing at the same time. 2d. It gives every market gardener a chance to test 4 superb market varieties at a small cost. 3d. The 25 cents spent for this collection gives the buyer greater returns for the money spent, in the way of a cabbage crop, than he can get from any other seed house in the country. 4th. We give as a premium on every Big 4 collection sold one year's subscription to the "Southern Ruralist," the best monthly paper published for the farmer and gardener.

The Big 4 collection consists of one large packet each of our prize cabbages for the South—**Sure Crop, Long Island Wakefield, Florida Drumhead and Centennial Flat Dutch.** This has for years been known as our Big 4 collection. (See descriptions of the varieties and illustrations.) At full catalogue prices these 4 packets of cabbage seed would cost you 40 cents and the "Ruralist" 25 cents—65 cents in all. By ordering the Big 4 you get full 65 cents value for 25 cents. No other house gives you so much for the money.

HASTINGS' LONG ISLAND WAKEFIELD CABBAGE.

The largest, earliest, surest header of any of the large Wakefield strains. Earlier, larger and finer bred than any of the strains of Charleston Wakefield. One and a half to two pounds heavier, firmer, better shape and more solid than the Early Jersey Wakefield. In good soil and with favorable weather conditions it is often ready for use in 50 days from transplanting. It is a gem for those desiring a first-class pointed cabbage. **Premier Brand Seed.** Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 75 cents; pound \$2.50.

My order of seed, received after the great storm this past fall, all came up and I had the finest garden in the county. Your selection of Turnip seed is the finest I have ever seen. While I am in the truck business, I shall not be without your seed.

DAVID GANT,
Hempstead, Texas.

Send for our Special Circular on Bermuda Onion Culture. Some of the most successful growers in the South tell how to make this crop successful and profitable.

J. T. ADAMS, Lady Lake, Fla.: I tried your Redfield Beauty Tomato last year. They gave *perfect satisfaction*



Hastings' Long Island Wakefield Cabbage.

I have now, January 8th, more than a quarter of an acre of Bermuda Onions, from $\frac{1}{2}$ pound of your Bermuda seed. They are such large, fine plants that my neighbors will not believe they are grown from seed planted in October.

C. A. CORWIN,
Hillsboro County, Fla.

HASTINGS' SURE CROP CABBAGE.

The earliest, surest, large, flat-round cabbage on record, and its quality is excellent. When properly cultivated scarcely a plant will fail to form a good marketable head. While largely grown as a spring and summer variety all over the South, an increasing number of our customers in the southern parts of Georgia, Alabama, Louisiana and Texas sow it in July and August for maturing in late fall and early winter. Under good cultivation heads average from eight to nine pounds in weight. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 65 cents; pound, \$2.00, postpaid.

I always use your seed, and can't do without them.

MRS. EULA CASTER,
Edge, Texas.



Hastings' Sure Crop Cabbage.



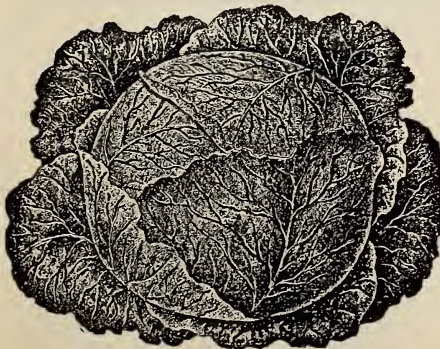
Hastings' Florida Drumhead.

Solid South Cabbage.—A splendid early cabbage, resembling Early Summer, but is slightly earlier, more uniform, has fewer outside leaves and is less liable to split and run to seed. Well adapted both for shipping and home use. Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$2.00.

Danish Ball Head.—A very handsome and extremely hardy late cabbage, which is growing in popularity in America, having proved one of our very best winter sorts. It is highly prized in Denmark, and grown there almost exclusively for winter cabbage. It thrives well on thin soils and in highly exposed situations. The heads are of good marketable size, not quite so large as Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more than other varieties of equal size. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 65 cents; pound, \$2.25.

HASTINGS' EMERALD KING.

A superb early cabbage of our own introduction. It has had several years' thorough test in all parts of the South, and is now a recognized standard variety among our customers. An early, flat, very solid variety that can be grown for either early or late crop. Of fair size, heads averaging from five to eight pounds, grows very uniformly; is a sure header, and does not burn or blister easily in the hottest and driest weather; an unexcelled variety to withstand droughts. It is of a dark, glossy green color, holding up its color long after other sorts wilt and fade. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 70 cents; pound, \$2.25, postpaid.



Emerald King.

A successful Texas grower tells how he made nearly \$3,500 from his Bermuda Onion crop this year, in our Bermuda Onion pamphlet. He began by buying our genuine imported seed.

Send for the Pamphlet; it's free.

FLORIDA DRUMHEAD CABBAGE.

This variety combines all the good qualities of the Drumhead class with both heat and cold resisting qualities, making it desirable for either summer or spring planting in the Gulf States, and for September and October planting in Florida. A short-stemmed medium early and grows very compactly, the leaves turning in to make the head. Can be planted closer than most Drumhead varieties. Large, very solid, round and flattened on top. A strong grower and a sure header. Weighs from 10 to 25 pounds. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce 25 cents; $\frac{1}{4}$ pound, 65 cents; pound, \$2.00.

HASTINGS' CENTENNIAL LATE FLAT DUTCH CABBAGE.

A first-class strain of Late Flat Dutch, well adapted to all parts of the lower South. In Texas and along the Gulf, plant in July and August; in Florida, in September, October and November. Especially valuable for planting in localities subject to frost, as no cabbage on earth is its equal in resisting cold and frost. A large and solid header, growing from 10 to 20 pounds according to soil and culture, and is a first-class keeper. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 65 cents; pound, \$2.00, postpaid.



Hastings' Centennial Flat Dutch.

All-Head Early—An extra early flat head variety. Very satisfactory for use as an extra early where good size is desired. It's a sure header with half a chance; well named "All-Head" as it has few loose leaves. One week earlier than Early Summer and holds up better in shipment. If you have never grown it, try a few this fall. You will be pleased. Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$2.00.

Henderson's Succession—Large, flat, round cabbage, popular for general shipping crop in Central Florida. Ten days later than Early Summer but nearly twice the size. A good reliable header and close, compact grower on heavy soils. A good variety for July and August planting along the Gulf and in Texas for winter market. Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$2.00.

J. M. CARROLL, Florida:

I planted one package of your Redfield Beauty Tomato the 13th of September last year, from which I set out 1,000 plants. In less than 90 days I had picked ripe fruit. The crop now on the vines is perfect in size, shape and color, and at this writing, January 8th, I have picked and sold from my thousand plants 30 crates of fancy tomatoes, which have netted me so far \$2.00 per crate, or \$60.00, and will have several crates more. From now on, I shall use only the Redfield Beauty.

I have been in the truck business for 13 years, and never had complete success until I began using your seeds. This year I tried the Big Four Collection, and have now cabbage over four feet across. My garden is simply a beauty, and to all my friends I recommend your seeds as genuine in every way. I heard a prominent citizen of this county say the other day that "a man who didn't use Hastings' seeds didn't deserve to succeed."

H. L. COWART, DeSoto County, Fla.

Surehead Cabbage—Our special strain of the Surehead is the most popular cabbage in the South. It never fails to make fine large solid heads with few outer leaves, as shown in our illustration. It is the result of a cross between the Early Flat Dutch and the Drumhead and has the good points of both combined. It's a strong, vigorous grower, maturing late for main crop, and is very uniform in size, shape and color. The only objection to it for shipping purposes, is that in a wet season it grows too large to pack well in crates. Packet, 5 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$2.00.

Buncombe or North Carolina Winter—A favorite in the Central South for late summer planting to run into winter. Almost as hardy as the collard and of good quality. Packet, 5 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 65 cents; pound, \$2.25.

Improved Large Late Drumhead—Largely used for late summer and early fall in the lower South. An old standard, late heading variety; large and solid, always reliable as a header, and has all the fine quality of the Drumhead cabbages. Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$2.00.

Varieties of Cabbage Too Well Known to Need Descriptions.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
Early Deep Head	5	20	60	\$2 00
All Seasons	5	20	60	2 00
Early Dwarf Flat Dutch	5	20	50	1 60
Selected Early Jersey Wakefield	5	25	75	2 50
Charleston Wakefield	5	25	75	2 50
Early Summer	5	20	50	1 60
Extra Early Express	5	15	35	1 25
Early Etampes	5	15	35	1 25
Early York	5	15	35	1 25
Early Winningstadt	5	15	35	1 25
Premium Late Flat Dutch	5	20	60	2 00
Perfection Drumhead Savoy	5	20	60	2 00
Early Blood Red Erfurt	5	20		

CARROTS.

Our Prices Include Payment of Postage.

CULTURE—Sow Carrots in Florida in September, October and November, in drills twelve to eighteen inches apart. In states further north sow in February, March and April. When plants are well up, thin out four inches apart. Mature heavily. Seeds germinate slowly.

Oxheart—One of the most valuable. Intermediate between the Half-Long and Horn varieties, attaining a diameter of 3 to 4 inches at the neck, of beautiful shape and rich orange color. Where other varieties require digging it is easily pulled. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 65 cents.

Chantenay—A new stump-rooted variety, unexcelled in quality and productiveness, very uniform in growth. Flesh deep golden orange color. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents.

St. Valery—Larger and longer than the Half-Long Celer. A bright red color. This we consider one of the best. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents.

Improved Long Orange—Old, well-known variety. Roots long, deep orange color. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents.

Large White Belgian—To supply the demand for a carrot to grow for stock feed, we offer this variety as the most satisfactory. It will yield from fifteen to twenty tons per acre under high cultivation in the South. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Half-Long Scarlet—A favorite for market gardeners and for home use. Bright scarlet color and of fine flavor. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 65 cents.



Hastings' Genuine Surehead Cabbage.

Danver's Intermediate—Bright orange color, very smooth, and finely formed. Produces more weight to the acre than any other half-long variety. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents.

WHITE SPINE CUCUMBER

For late summer and early fall is a valuable crop where there is a market for that vegetable. Our "Hastings' White Spine" is the most perfect strain grown and the most valuable for either fall or spring plantings. It eclipses all other strains of the White Spine as can easily be seen when grown side by side. Fruit is of large size, perfect form and is immensely productive. Skin hard and of deep green color which holds until they are well matured. Crisp and tender, retaining its fresh appearance long after being gathered. Very early and is equally valuable either for market and home use. Picked when three or four inches long the young cucumbers are excellent for pickling. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents, postpaid; 10 pounds, not prepaid, \$5.00; 100 pounds, \$45.00.

(For Other Varieties Cucumbers see Annual Catalogue.)

I am convinced that no collection of Cabbage Seed can give better results than Hastings' "Big Four." I advise my neighbors to try it just one time and be convinced.

W. B. TAYLOR,
McDade, Texas.

Celery.

This is becoming an important market crop in Florida and along the Gulf for fall planting and spring marketing. In our opinion, it is one of the most profitable crops that can be grown. It is nothing unusual for a successful grower to sell his crop for \$1,500.00 per acre.

We advise every gardener who has a suitably low moist soil, either naturally moist or under irrigation, to experiment with it, providing he has knowledge, common sense and perseverance. It's not a lazy man's crop, and cannot be raised with the ease that a crop of beans can. It requires months of steady and close attention and hard work. If you are prepared to use brains, care and hard work, go ahead. If not, better let the crop alone.

CULTURE.—Celery requires a moist and fertile soil. If your soil is not fertile you must make it so by heavy applications of well-rotted manure or commercial fertilizers. Well drained muck soils have given good results. In Florida and along the Gulf sow seed for general crop during August and September. Seed must not be covered more than a quarter of an inch, and bed must be well shaded. As plants come up and get to be 4 to 6 inches high they should be sheared (tops cut off) two or three times to make stocky plants. They can be transplanted when six inches high into the trenches, and as the plants grow keep drawing the earth up around them, leaving but a small bunch of leaves exposed, to blanch the stalks for market. In Florida, instead of drawing up earth, use boards or tile. Earth banking in that State produces "ruined" celery, which is unsalable in the markets. **VARIETIES**—Mexican Solid, Savannah Market and Giant Pascal are green varieties and require more blanching than the "Self-Blanching." At the same time, when properly blanched, they are better flavored, having the nutty flavor so desirable in celery, and are tenderer. We recommend Mexican Solid for muck and very fertile soils, and Savannah Market for hammock and sandy lands. Golden Self-Blanching is a success in some sections, but not generally.

MEXICAN SOLID CELERY.

Stalks rounded, crisp and solid. The most reliable variety; no other can compare with its ability to withstand either frosts or heat. When ready for market the plants are plump and do not wilt as soon as most sorts. Its flavor is fully equal to that grown in the famous Kalamazoo, Michigan, celery district, having the rich nutty flavor so desirable in celery. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound 60 cents; pound, \$2.00.

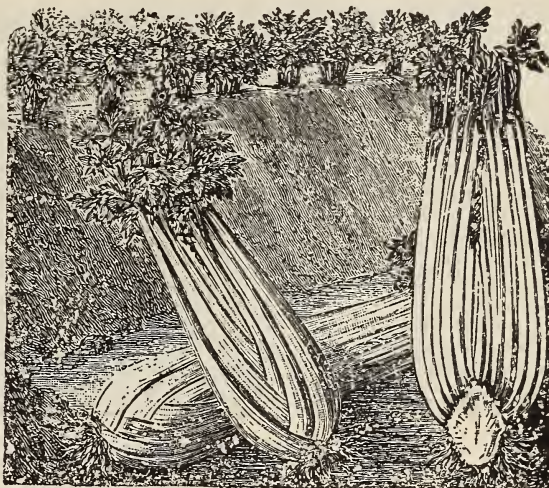
Savannah Market—While not as highly flavored as Mexican Solid, it is a stronger grower and better adapted to lighter soils. A large plump-stalked variety. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$2.00.

Giant Pascal—The largest celery of all. On good soil it grows from $2\frac{1}{2}$ to 3 feet high, making it too large for market use and shipping. Packet, 5 cents; $\frac{1}{2}$ ounce, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.50.

White Plume—Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.50.

Golden Self-Blanching—Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 85 cents; pound, \$3.00.

Celeriac, or Turnip-Rooted Celery—Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.40.



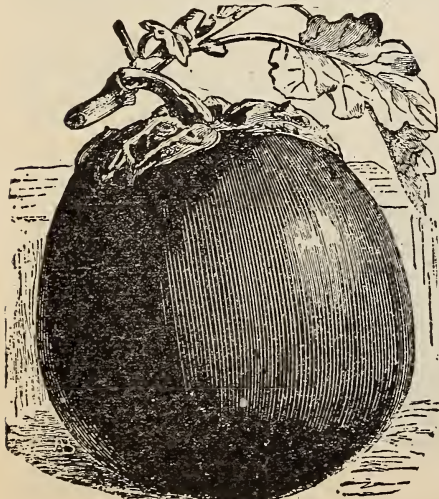
Mexican Solid Celery.

EGG PLANT.

The most profitable crop of Egg Plant is that grown in Southern Florida in the fall and early winter from seed sown between July 15th and August 15th. Seeds should be sown in well shaded beds at that time. Transplant once before setting in the open ground. Plant 3 feet apart each way. Cultivate often, keeping plants free from weeds and grass. If troubled with insects, dust the plants with "Bug Death."

HASTINGS' IMPROVED LARGE PURPLE THORNLESS EGG PLANT.

The best strain of Large Purple Egg Plant to be had. Our growers use special care in its production. No refuse savings from market garden crops go into our stock to lower the price, as is being done very largely by some houses. Our seed is pure, and the plants are thornless. Plants grow large, strong and vigorous, each bearing 5 to 8 "eggs" of rich, dark purple color. The specimens of "streaked" fruit are few and far between in crops grown from our seed of this variety. Ten days to two weeks earlier than the other strains of egg plant and is bound to give you satisfaction. The vigor of our seed makes the plants very resistant to "die back" and "blight." Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 30 cents; pound, \$3.00.



Hastings' Large Purple Thornless Egg Plant.

ENDIVE.

A refreshing vegetable closely allied to lettuce. Sow in August and September for winter use in lower South, in drills 18 inches apart. When plants get well up thin to 12 inches apart. When nearly grown tie up outer leaves to blanch the heart. In dry weather give plenty of water.

Green Curled—Hardest and best variety for general use. Deep green leaves are beautifully cut and curled, easily blanched and becomes very crisp, tender and fine flavored. Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.40.

We have used your seed for the past four years. They have proved to be satisfactory in every way.

G. A. PITT,
Indian Territory.

KALE OR BORECOLE.

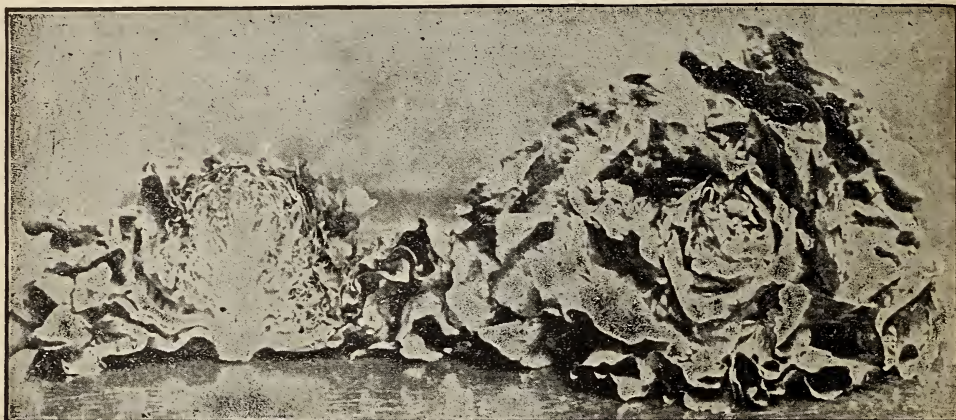
An important fall and winter crop in the South. More hardy than cabbage; really not in best eating condition until touched by frost. This vegetable would be more largely grown were its good qualities for "greens" more generally known. Can be grown on any soil, but the better the soil, the larger and better quality the product. Sow in drills from August 1st to April 1st according to location.

Early Green Curled—The best variety for the Central, South and Gulf coast. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents, postpaid.

KOHL RABI.

CULTURE—Same as *Ruta Baga*.

Early White Vienna—The best. Smooth bulb and few leaves. Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 65 cents; $\frac{1}{2}$ pound, \$1.10; pound, \$2.00.



HASTINGS' FLORIDA HEADER LETTUCE.

CULTURE—Can be planted in this latitude (Atlanta) during August and September. In Florida and along the Gulf plant from September until March. If weather is hot shade the beds from sun and beating rains. Seed for home use can be sown as above. For the shipping market crop, seed should be sown from November 15th to January 15th for succession crops. Heading varieties only should be used for shipping. It requires rich, moist soil and clean cultivation. This will give the rapid growth on which its appearance, flavor and quality depend. Florida Header, Big Boston and California Cream Butter are the best for shipment, Drumhead White Cabbage and Iceberg the best for nearby markets.

Florida Header—The leading variety for the grower for shipment and those who desire large solid heads. It is a large white headed variety, heads quickly and is slow to run to seed. It seems to hold up its appearance better in shipment than Big Boston. Very resistant to both heat and cold, it passing through severe freezes almost unharmed when other varieties were killed or badly damaged. For home use it is crisp and tender, and its fine appearance in market adds greatly to its selling qualities. This past season in actual field test it held up over two weeks over Big Boston before running to seed. Packet, 5 cents; $\frac{1}{2}$ ounce, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.40.

Hastings' Drumhead Cabbage Lettuce—A favorite, and exceptionally valuable for home use and nearby markets. Large solid heads, often weighing two or three pounds. Crisp, tender and free from bitterness. Leaves outside are green, inside almost a pure white. Has but little tendency to run to seed. Fine for fall planting in Florida. Packet, 5 cents; $\frac{1}{2}$ ounce, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.40.

Big Boston—A standard variety with many Florida shippers. Very large, firm heading variety, very similar in shape and appearance to the Tennis-ball, but nearly twice as large. Rather later than other varieties. Packet, 5 cents; $\frac{1}{2}$ ounce, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 35 cents; pound, \$1.25, postpaid.

Iceberg—One of the handsomest varieties we have ever seen. Heads rather small, light green and very solid. Very crisp and tender. Fine for main and late crops, and is very resistant to running to seed. Packet, 5 cents; $\frac{1}{2}$ ounce, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 35 cents; pound, \$1.10, postpaid.

California Cream Butter—Round solid heads which are a medium shade of green, slightly marked with brown. Inside leaves are of rich cream yellow color, very rich and buttery to the taste. Good size and medium early. Packet, 5 cents; $\frac{1}{2}$ ounce, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 35 cents, pound, \$1.10.



Hastings' Drumhead White Cabbage Lettuce.

Varieties Too Well Known to Need Description.

	Pkt.	Oz.	¼ lb.	Lb.		Pkt.	Oz.	¼ lb.	Lb.
Improved Hanson.....	5	10	30	\$1.00	Simpson (black seed).....	5	10	30	\$1.00
Tomhannock.....	5	10	30	1.00	Philadelphia Butter.....	5	10	30	1.00
Satisfaction (black seed).....	5	10	30	1.00	White Paris Cos.....	5	15	35	1.25
Prizehead.....	5	10	30	1.00	Tennis Ball (black seed).....	5	10	30	1.00
All-Year-Round.....	5	10	30	1.00	Denver Market.....	5	10	30	1.00
Salamander.....	5	10	30	1.00	Marblehead Mammoth.....	5	15	35	1.25

MUSTARD.

CULTURE—Sow in any good garden soil thickly in drills 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves large enough to use as a salad in from four to six weeks from sowing, and can be cut all through the winter. Sow from August to April. Very hardy in the South.

Chinese Mustard (True Stock)—We have sold this variety from China for a number of years. It is much superior to the Southern Curled in size, quality and flavor. Immensely productive, the leaves being twice the size of ordinary mustard and remain tender and fit for use much longer. See the engraving which is a good representation of it. Packet, 5 cents; ounce, 10 cents; ¼ pound, 25 cents; pound, 75 cents, postpaid.

Giant Southern Curled—An old and well-known variety, used in all parts of the South for salads, like lettuce, and for boiling. Our strain of this variety is what is sold by many as the "Ostrich Plume," much superior to the old variety in appearance and quality. Packet, 5 cents; ounce, 10 cents; ¼ pound, 20 cents; pound, 65 cents, postpaid.

White Mustard—Packet 5 cents; ounce, 10 cents; ¼ pound, 20 cents; pound, 50 cents.



Watson Bros., Dade County, Fla.:

Your Redfield Beauty Tomato has met with great favor among truckers in this section, who grow for Northern markets. It remains longer in bearing, and stands shipment better than the Livingston Beauty, which was hitherto preferred.

The seed we bought of you last season proved excellent. Our customers were all very much pleased with it.

Bury, Anderson & White,
Duval County, Fla.

NOTE.---This firm buys our Redfield Beauty Tomato Seed in large amounts, and supplies a critical market garden trade. When they want the best, they buy our Redfield Beauty.

Hastings' Genuine Bermuda Onion Seed.



HIGHEST QUALITY! LOWER PRICES!

LARGER IMPORTATIONS ENABLE US TO MAKE LOWER PRICES ON BERMUDA ONION SEED.

We solicit correspondence with large growers of onions, Agricultural Societies, and Market Gardeners' Associations on the subject of Bermuda Onion Culture, and will quote special prices on large quantities.

For the last ten years we have sold more genuine Bermuda Onion Seed to the growers in the South than any other firm. We have been and are recognized as headquarters for the genuine seed in the United States and for years we have exported seed to Bermuda, Bahamas, Mexico, Jamaica and Central American States, as well as selling thousands of pounds of it in this country. Our sales of it increase largely every year, and as early as June 1st we had already booked orders for over 500 pounds, for delivery the coming fall. With our importations running up into thousands of pounds we are able to make better terms with the growers of this seed and lower the price to a point that makes a material saving to the buyer. We are giving the seed buyer the benefit of the reduction in cost to us. However, we cannot and never can bring the price to the level of the spurious California grown seed of the Bermuda which is sold by so many seedsmen at prices ranging from \$1.50 to \$2.25 per pound. We are selling you genuine Bermuda Onion Seed this year at the lowest possible price, even with our large growing and importing operations, that it can possibly be sold at. We are trying to be perfectly fair with our customers, as well as ourselves, and give them the benefit of any reduction in cost to us in decreased prices.

POOR ONION SEED IS DEAR AT ANY PRICE.

VERY IMPORTANT TO ONION CROWERS.

The Bermuda Onion is one of the most important of Southern vegetable crops, both for market and home use, and its importance increases every year. No crop, not even cabbage, depends more on the quality and genuineness of the seed for a successful crop than does Bermuda Onion. Prof. Rolfs, of the South Carolina Experiment Station, says "there is probably no other crop where so much depends on obtaining a good strain of the seed." Our years of experience have shown us how useless it is to attempt to raise Bermuda Onions from the fraudulent "Bermuda Seed" offered each year by so many seedsmen. Seed offered at retail prices of from \$1.50 to \$2.25 per pound ought to be a danger signal to every onion grower. The constantly increasing demand has led to wholesale fraud by certain Northern seedsmen who are selling spurious Italian and California grown stock, every pound of which means certain loss to the planter. Not one pound in ten of Bermuda Onion Seed sold in the United States is genuine.

SPECIAL CULTURAL DIRECTIONS.

We have prepared special cultural directions for Bermuda Onions. They are too lengthy to go in a Catalogue, but a copy of it will be sent to anyone on request free. A copy will be mailed with every seed order filled by us from this Catalogue. These special cultural directions give the experience of many of the largest onion growers with this variety, proper soils, fertilizers and methods of cultivation. It will be of interest and value to every onion grower in the South.

One of the largest and most successful growers of Bermuda Onions in Texas, who during this past year raised a crop of Bermuda Onions which aggregated over 146,000 pounds, and which brought him in over \$3,000, says, in a letter dated in May, 1901: "I have bought my Bermuda Onion Seed for the past seven years from H. G. Hastings & Co., of Atlanta, Ga., and in all that time they have never sent me a bad seed."

In a letter written to another party he says: "Be careful where you buy your Bermuda Onion Seed. A neighbor of mine bought seven pounds of seed from _____, of Philadelphia, last fall, and never got one onion; his entire crop turned out to be worthless scullions, and yet _____ (the seedsman referred to) sold the seed as genuine Bermuda."

In our special pamphlet on Bermuda Onion Culture, we give extracts from some of the many interesting letters which we have received from this grower, and the information which he gives in regard to the cultivation of this crop will be of great value, we believe, to all who are interested in Bermuda Onion growing. Extracts are also published from letters received from other growers, showing different methods of culture, and the results obtained. This is one of the great coming vegetable crops of the South. Send for this pamphlet, and read what these successful men say about their methods, and the results which they get from using our Genuine Imported Seed.

Time for Delivery of Onion Seed

Will be between September 15th and October 1st. Exact date cannot be given, as there is variation in time of delivery in different years. All orders booked are sent immediately on arrival of our importation of the new crop.

BERMUDA WHITE ONION.

The standard variety for market crops. While called white, it is really of a very light straw color or pale yellow. We note this, as many who have never grown this variety expect to find a pure white onion. Our illustration is taken from a photograph of White Bermuda Onions grown in six months from seed, the weight of the group being 8 pounds 5 ounces. Large packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound 70 cents; pound, \$2.50, postpaid. Special prices on large quantities.

BERMUDA RED ONION.

Identical with the white, except in color, which is a pale waxy red. Large packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 70 cents; pound, \$2.50, postpaid. Special prices on large quantities.

I always vote the Republican ticket and plant Hastings' Seeds, and am always pleased with both.

J. W. CARROLL,
Newark, Texas.

HASTINGS' CRYSTAL WHITE ONION.

A pure white variety of the Bermuda, with a beautiful waxy skin. It is the most beautiful and salable onion we have ever seen. A little smaller in size than either the red or white and usually a few days earlier in maturity. This onion was introduced by us in 1897. Every one who has grown it has nothing but words of praise for it. One of the largest growers in Texas wrote us after growing it: "Your Crystal Wax Onion is out of sight; finest variety ever grown here." Stock of this variety still very limited. Packet, 10 cents; $\frac{1}{2}$ ounce, 20 cents; ounce, 30 cents; $\frac{1}{4}$ pound, 90 cents; pound, \$3.25; 10 pound lots, \$30.00.

LOUISIANA GREOLE ONION.

A flat light-red variety, grown largely in Louisiana and Mississippi. Very hard; good keeper and about as strong in flavor as can be grown. From 6 weeks to 2 months longer in maturing than the Bermuda varieties. We cannot recommend it to any one who wishes earliness and mild flavor in onions. Delivery of new crop seed (Louisiana grown) about September 1st. Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 65 cents; pound, \$2.25.

Onion Sets.

The season has been a disastrous one of early planted crops of sets, such as Bermudas, and our supply of sets is very limited. Crystal Wax Sets we have none of, all seed from which sets are usually grown being sold last season. Bermuda Sets are ready for delivery about September 10th; Multipliers about the 15th, and the common varieties of White, Red and Yellow onions about October 1st.

A Trick of the Trade.

In recent years there has been great competition in the sale of onion sets, especially of the common varieties, and in the cutting of prices there has also been a cut in the size of the bushels. A measured bushel of sets weighs about 38 pounds. The cut price cut measure bushel weighs 32 pounds, and will seldom measure more than three pecks. It's easy enough to make a lower price when a fourth of the quantity is cut out. The weight of sets varies during the season, and the only honest way to sell sets is by measure. We have thought best to warn buyers on this point. With one exception, ours is the only prominent seed house giving a measured bushel. When you are quoted a very low price on sets, better find out what kind of a bushel you are getting.

Bermuda White Sets—Grown from our genuine seed. Planted in September, October and November, they furnish fine onions for pulling green all through the winter and make fully developed bulbs in the spring. Well adapted to the lower South, and will always hold the market against other varieties. In taste they are as mild and sweet as an apple. Supply very limited. Pint, 20 cents; quart, 35 cents, postpaid. Peck, \$1.25; bushel, \$4.75.

Bermuda Red Sets—Pint, 20 cents; quart, 35 cents, postpaid. Peck, \$1.25; bushel, \$4.50.

Crystal Wax—(None in stock.)

Extra Early Red Sets—The common red onion sets so generally sold. Pint, 15 cents; quart, 25 cents, postpaid. Peck, 75 cents; bushel, \$2.50.

Yellow Danvers Sets—The common yellow set as generally sold. Pint, 15 cents; quart, 25 cents, postpaid. Peck, 75 cents; bushel, \$2.50.

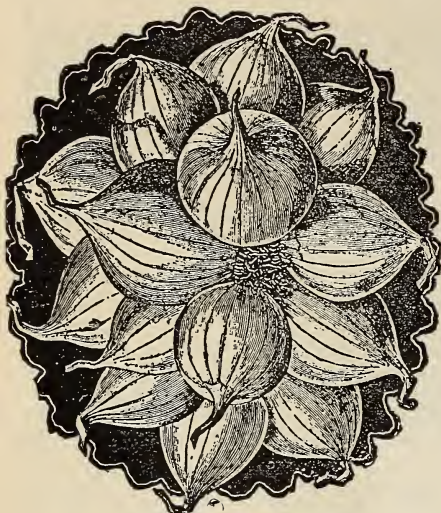
Silver Skin Sets—The common white sets as usually sold. Pint, 15 cents; quart, 30 cents, postpaid. Peck, 85 cents; bushel, \$2.75.

I have been using your Bermuda Onion Seed for five years, and it has given perfect satisfaction. That which I got last fall was simply perfect.

C. C. CREWS,
Desoto County, Fla.

WHITE MULTIPLIER ONION SETS.

Green Onions for First Early Bunching.



White Multiplier Onion Sets.

They are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster, from a single bulb planted; excellent quality and size for bunching green or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. Their keeping qualities are remarkable, having kept perfectly sound for a year, but their most important quality is extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Our grower says: "They cannot be beaten for earliness; they are matured before the weeds and grasses can cover them." Our illustration is made accurately from nature. Stock very limited. Pint, 20 cents; quart, 35 cents; peck, \$1.00; bushel, \$3.50.

Red Multipliers—Same in general character as the White, but earlier and even better keepers. Very popular in South Georgia where it is preferred by many to the White. Pint, 20 quart, 35 cents; peck, \$1.25; bushel, \$4.00.

Shallots—A small multiplying onion of mild flavor, much used in soups and salads. The bunches are divided and planted in rows during August, September and October, for winter and spring use. The sets come in bunches and are sold by weight. Pound, postpaid, 30 cents; 2 pounds, 50 cents. Peck, 50 cents; bushel, \$1.75, not prepaid.

Garlic—The pure Italian Garlic, with its strong, pungent flavor and odor. Much used in soups in many parts of the South. $\frac{1}{2}$ pound, 20 cents; pound, 35 cents, postpaid.

PEAS FOR FALL PLANTING.

Prices Include Postage Prepaid by Packets, Pints and Quarts.

When peas or beans are ordered in quantity larger than quarts, they will be sent by freight or express, as directed, at purchasers' expense.

CULTURE.—For fall planting in the central South, peas should be sown early in September, of such varieties as Home Delight and Bliss' Everbearing. Extra early varieties, such as John L., can be sown the latter part of the month and matured before frost. In Florida and along the Gulf they may be sown during any of the fall months, October and November being preferable. Sow in drills two or three inches deep. Let them be planted in double rows about 6 to 8 inches apart, and when vines get large enough run together. Most varieties are of stiff enough growth to support each other and the planter is relieved of the troublesome work of sticking or brushing them. Peas are not grown in the South as much as they should be, and we believe that our friends make a mistake in neglecting this crop. Any of the extra early kinds and Bliss' Everbearing and Home Delight can be grown in double rows without sticking.

John L.—The finest and earliest of all the extra early varieties, either for market use or for the home garden. For ten years this variety has successfully stood competition with all the extra early peas offered by other seed houses, but no pea has been introduced that combines such earliness and productiveness as does this variety. It is now a standard among Southern market gardeners and each year the demand increases, our sales of John L. exceeding that of all other varieties combined. Mr. C. J. Montgomery, of St. Augustine, Florida, planted a peck of John L. and on the 30th day from planting gathered one bushel of peas. In several tests made by experienced market gardeners near Atlanta, John L. beat Landreth's Extra Early into market seven days. For a quick or an early crop of peas you will make no mistake in planting John L. Large packet, 10 cents; $\frac{1}{2}$ pint, 13 cents; pint, 20 cents; quart, 35 cents, postpaid. Peck, \$1.10; bushel, \$4.00.



John L. Pea.

Alaska (True Stock)—Next to John L. the best extra early pea. Seed of blueish color, well rounded and filled out and of the finest flavor. Very prolific for an extra early. Large packet, 10 cents; $\frac{1}{2}$ pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid. Peck, \$1.25; bushel, \$4.75.

Philadelphia Extra Early, First of All, First and Best—All popular extra early varieties with no marked difference in earliness, size or bearing qualities. Large packet, 10 cents; $\frac{1}{2}$ pint, 15 cents; pint, 25 cents; quart, 40 cents; postpaid. Peck, \$1.10; bushel, \$4.00.

American Wonder—A dwarf wrinkled extra early. Is better for home garden than for the trucker, as it is not prolific enough to grow for market. Peas are of the finest quality. Height of bush, 9 inches. Packet, 10 cents; $\frac{1}{2}$ pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.25.

OUR LARGE PACKETS.

Our Packets of almost all varieties of Peas and Beans contain nearly four ounces, those from other houses about two ounces. Buy from us and get twice as much for your money.

Premium Gem—Grows about 15 inches high, and is among the earliest dwarf, green, wrinkled sorts. The quality is unsurpassed. Packet, 10 cents; pint, 20 cents; quart, 35 cents; peck, \$1.00; bushel, \$3.50.

Bliss' Everbearing—Height of vine, 18 inches to two feet. Pods three to four inches long, each pod containing six to eight wrinkled peas. Size of peas very large, frequently half an inch in diameter; quality very fine. Its habit of growth is of peculiar branching character, forming as many as ten stalks from a single root stalk. The individual branches are of extraordinary strength and substance, so that when hilled up properly they stand up well without brushing. For continuance of bearing this variety is notable—a characteristic which gives it special value for late summer and autumn use. After repeated pickings the vines continue to be covered with blossoms and buds, developing to maturity in turn. The quality is the best of any pea known. A variety that should be in every garden. Packet, 10 cents; $\frac{1}{2}$ pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.25; bushel, \$4.50.

Telephone—One of the finest, tall, wrinkled peas yet introduced. It is immensely productive, of the best quality, and excellent, sugary flavor; vines very strong, 18 to 20 pods on the stalk. The pods are of large size and closely packed with large, delicious peas. Height 3 to 4 feet. Packet, 10 cents; pint, 25 cents; quart, 40 cents; peck, \$1.40; bushel, \$5.00.

Extra Blackeye Marrowfat—Packet, 10 cents; $\frac{1}{2}$ pint, 13 cents; pint, 20 cents; quart, 35 cents, postpaid. Peck, 85 cents; bushel, \$3.00.



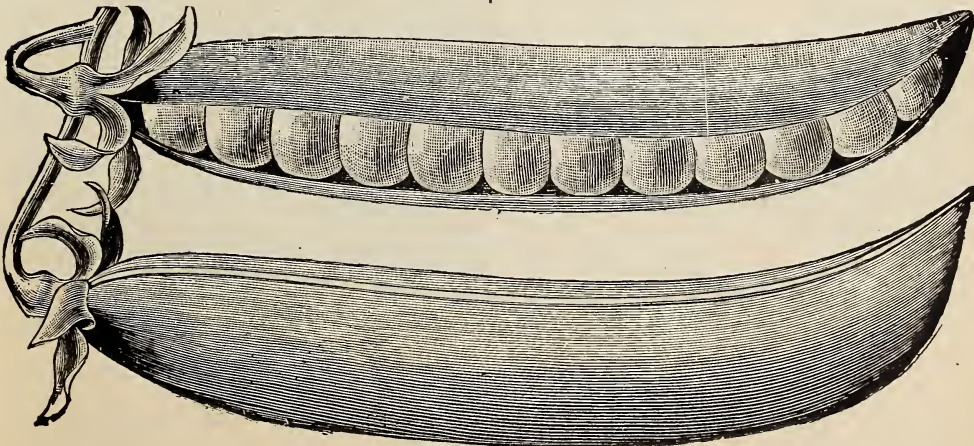
Bliss' Everbearing Pea.

Large White Marrowfat—A stronger grower than the Blackeye. Packet, 10 cents; $\frac{1}{2}$ pint, 13 cents; pint, 20 cents; quart, 35 cents, postpaid. Peck, 85 cents; bushel, \$3.00.

Champion of England—(True Stock)—Packet, 10 cents; $\frac{1}{2}$ pint, 13 cents; pint, 20 cents; quart, 35 cents, postpaid. Peck, \$1.00; bushel, \$3.50.

Tall Sugar Pea (Edible Pods)—Can be eaten in the pods when green, the same way as snap beans. When young they are very tender and sweet. Packet, 10 cents; $\frac{1}{2}$ pint, 20 cents; pint, 30 cents; quart, 50 cents, postpaid.

Dwarf Sugar—A dwarf form of the Tall Sugar. Packet, 10 cents; $\frac{1}{2}$ pint, 20 cents; pint, 30 cents; quart, 50 cents.



Southern Queen Pea.

HASTINGS' HOME DELIGHT.

For 12 years this superb second early variety has delighted and proved profitable to thousands of our customers all over the South. It is the heaviest bearer and finest quality of all this class of peas. For home use and nearby market it is invaluable. It is a hardy grower, resisting frost well in early winter. Even with its heavy bearing qualities, it is of sufficiently dwarf growth to grow without staking if planted in double rows 8 inches apart. Large packet, 10 cents; $\frac{1}{2}$ pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid. Peck, \$1.25; bushel, \$4.50.

Southern Queen—A late variety introduced by us in 1893. We consider this a most valuable variety to furnish the table after other varieties are through bearing. It is a strong, vigorous grower, from 2 to 3 feet high, branching out similar to Bliss' Everbearing. In quality and productiveness it is fully equal to that famous variety and has the valuable quality of remaining in bearing for a month longer, making it a continuous bearer for 3 months. Peas are very rich and sweet. Should be in every garden. Packet, 10 cents; $\frac{1}{2}$ pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.25; bushel, \$4.75.



Hastings' Home Delight.

SWEET PEPPERS.

These mature in three to four months from seed, and are a valuable shipping crop for late fall and early winter in the extreme lower South and Florida. The large Bell or Bull Nose is almost exclusively grown for this purpose.

Large Bell or Bull Nose—A large, sweet, mild pepper used for salads and for stuffing. A profitable crop to ship after the crops of it further north have been killed by early frosts. Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.75.

Ruby King—A little larger than the Bell, but seemingly better for spring planting in the South, rather than for fall crops. Packet, 5 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 75 cents; pound, \$2.50.

RED TRIUMPH POTATOES.

When seed is obtainable there is no more profitable crop than late summer planted potatoes in Florida. Every year we have far greater demand than we can supply. We have had grown for us some extra fine stock of the Bliss' Red Triumph suitable for September planting in Florida. We advise early orders to be sure of your seed. They can be kept easily after arrival by spreading thinly in shade where there is a free circulation of air.

Peck, 50 cents; bushel, \$1.75; barrel, \$4.25. Write us for special quotations on 5 or 10 barrel lots, or on larger quantities if desired.

PARSLEY.

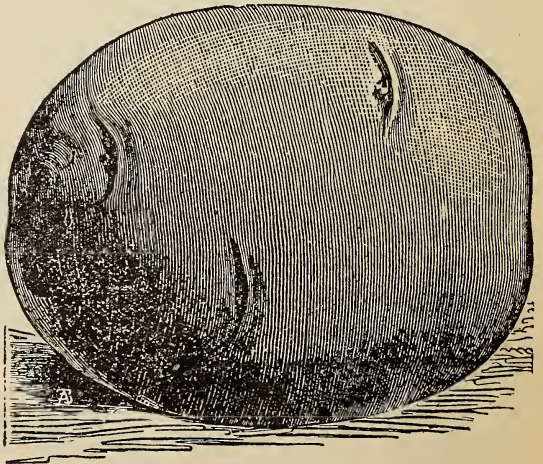
CULTURE—Sow in fall in drills fifteen inches apart. Keep well stirred and free from weeds. When plants have become strong, thin out to six inches apart. Parsley requires from three to six weeks to germinate. Soak seed in water twelve hours before planting.

Extra Moss Curled—The most handsome variety. Best for seasoning and garnishing. The favorite sort for supplying hotels or market. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 65 cents.

Plain Leaved—Is hardy; strong grower, excellent for seasoning; the sort most largely cultivated. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 50 cents.



Moss Curled Parsley.



RED TRIUMPH POTATOES.

PARSNIPS.

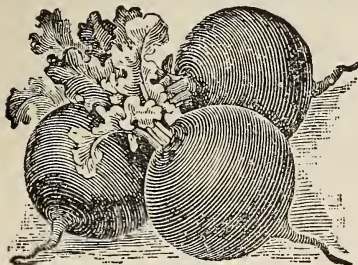
CULTURE—Sow thickly in drills from September to November for winter use, and from January to March for spring and summer crop.

Improved Hollow Crown—Is the best variety for cultivation. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 50 cents.

HASTINGS' RADISH SEEDS.

Remember Our Prices Include Postage.

CULTURE—Sow in any good garden soil as soon in spring as ground can be worked. Keep making successive sowings every ten days. Sow in August and September for fall crop. In Florida and along the Gulf they can be sown all through the winter.



Scarlet Button Radish.

Scarlet Button—Early round variety. Round form, deep scarlet skin. Mild flavor, crisp and tender. Short narrow leaves and very small top. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents.

Rosy Gem—One of the earliest. Globe shape, with rich, deep scarlet top, shading to pure white at bottom. Very tender and crisp; never becomes hollow or pithy. Very desirable for forcing, being fit to pull in three weeks from planting. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents.

Earliest Carmine—(Olive Shaped)—Very handsome and considered by many as the best of the extra early radishes. Olive shaped, smooth skin, rich dark carmine color. In 20 to 22 days the crisp, tender little radishes are ready for use. Top small and of upright growth. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents.

Philadelphia White Box—Popular white round variety similar to Scarlet Button, except in color. Very desirable for close planting in frames or borders. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 65 cents.

French Breakfast—Olive shaped. Color scarlet, tipped with white. Flesh tender, and a quick grower. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents.

LONG AND HALF-LONG VARIETIES.

Chartier, or Improved Shepherd—Grows to a large size, but not very uniform shape. Red at the top, pink in the middle, white at tip; handsome appearance when picked at the right time. It is especially fine flavored when grown quickly in the South. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 65 cents.

Wood's Early Frame—Similar to the Long Scarlet, but earlier, shorter and broader, more brilliant color and better for forcing and market. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents.

White Strasburg—Oblong, tapering shape; skin and flesh are pure white, firm, brittle and tender, retaining its crispness even when the roots are old and large. The best for summer use. An excellent family or market variety. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents.

Long White Vienna, or Lady Finger—Finest long white radish in cultivation. Beautiful shape, skin and flesh pure white, crisp, tender and of quick growth. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound 60 cents.

Long White Spanish Winter—Mild in flavor. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents.

Long Black Spanish Winter—Black skin, but white flesh. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents.

Glass Radish—Long radish of light pink color, white tipped and regular in size and growth. Flesh transparent white, always crisp, brittle and mild flavor, even when grown to large size. Named glass because of its brittleness and transparent flesh. Very desirable. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 65 cents.

Newcom—Earliest half-long white radish. Their shape and appearance make them ready sellers. Fine eating quality, holding up for several weeks after being ready to pull. They stand extremes of heat and cold. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 70 cents.



New Glass Radish.

California Mammoth White—Grown extensively by the Chinese gardeners in California. It is 8 to 12 inches long and from 2 to 3 inches in diameter; white, solid and of good flavor. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents.

Chinese Rose Winter (Scarlet China)—A bright, rose-colored winter variety; sow in summer, same as turnips. This is an excellent quality, and is certainly one of the best varieties for winter use. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 65 cents.

Early Long Scarlet—Largely grown for home use and for market. Flesh crisp, root long, tapering to a delicate point.

Brilliant scarlet color. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents.

HASTINGS' MIXED RADISH.

A mixture of all varieties listed by us, round, half-long and long; early, medium and late varieties. In one sowing you can get an all season's supply. This mixture of ours is becoming very popular in family gardens. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents.

J. R. Bell, Erath Co., Tex.: From one pound of your mixed turnip seed I sold a little over \$80.00 worth of turnips, besides what I used and gave away.



Early Long Scarlet Short Top Radish.

CULTURE.—Sow in any fertile soil or ground that has been well fertilized in September and October in Florida and along the Gulf. Sow in drills 12 to 16 inches apart, dropping seed rather thickly in drill. When well up, thin out to 4 inches apart in the row. Is of best quality after standing in the ground through the winter, as freezing improves it.

Mammoth White Sandwich Island—The best quality, quickest grower and of the largest size. Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 35 cents, pound, \$1.25, postpaid.

SQUASH.

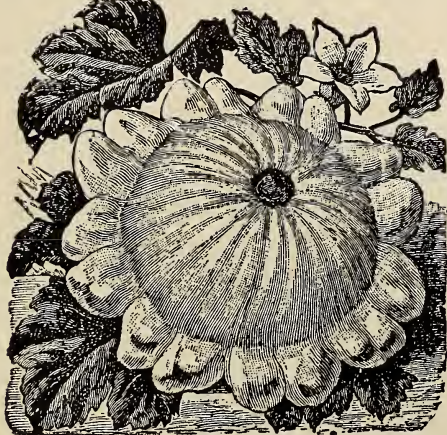
A valuable crop for late summer and fall planting in Florida and the lower South. In some sections the winter varieties of the Marrow Squash are successfully grown planted the latter part of August.

CULTURE.—Sow the seed in well manured hills in the same manner as cucumbers, the bush varieties three or four feet apart each way, and the running kind six to eight feet. Sow eight to ten seeds in each hill, thin out after they have attained their rough leaves and danger from the squash bug is over, leaving three or four strong plants to each hill. Bug Death is a sure and effective remedy for the squash bug.

EARLY OR BUSH VARIETIES.

Early White Bush Scalloped—This is the well-known White Patty-pun Squash. The earliest to mature; very productive; light-cream colored. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 55 cents; 10 pounds, not prepaid, \$4.00.

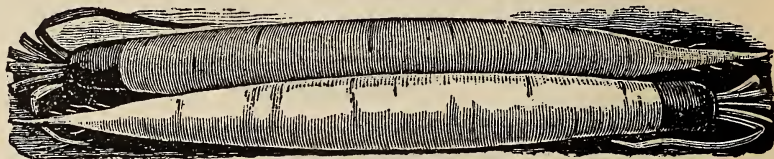
Golden Custard—A valuable variety, which exceeds in size any of the scalloped sorts, frequently attaining a diameter of two feet. The color is a dark rich golden yellow, and for quality cannot be excelled. It grows in bush form and is wonderfully productive. (See cut.) Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents.



Golden Custard Squash.

Mammoth White Bush—An improvement on the Early White Bush. Very uniform in shape and prolific. Very early; beautiful white skin and flesh, and grows twelve to fifteen inches across. Habit of growth same as old variety. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents; 10 pounds, \$5.00, not prepaid.

SALSIFY, OR VEGETABLE OYSTER.

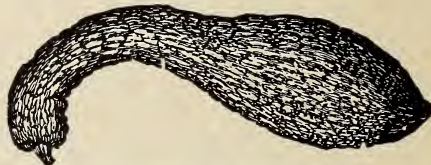


Mammoth White Sandwich Island Salsify.

Early Yellow Bush Scalloped—Similar to the preceding, but of a deep orange color. Often called "Patty-pan." Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 55 cents.

Yellow Summer Crookneck—Old, well-known variety. Fruit orange yellow, covered with warty excrescences. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 50 cents.

Giant Summer Crookneck Squash—The Crookneck class of squashes surpasses in quality any of the summer varieties, and in the Giant we have the delicious buttery flavor of the original sort, but of just double the size. For market gardeners, as well as private parties, it will be equally valuable, as you get twice the weight of crops from the same ground as with the old variety. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents.



Giant Summer Crookneck Squash.

RUNNING VARIETIES.

Boston Marrow—The favorite second early for the trucker. Matures two days later than Early White Bush. Skin of a yellowish shade. Thin rind. A good shipper and keeper. Unsurpassed quality. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 65 cents.

Early Prolific Marrow—More prolific than the Boston Marrow and is two weeks earlier. Skin deep orange color, with thick, fine-grained flesh of excellent quality. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 65 cents.

Improved Hubbard—Not a success for general planting in the South, but does well in some localities. Weighs from eight to ten pounds. Can be kept through fall and winter if packed in dry sand. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, 65 cents.

AMERICAN GROWN SPINACH.

The American grown stock of Spinach is much superior to the imported seed in every particular. The germination is better and stronger, the growth larger and more vigorous and hardier. We have nothing but American grown seed of Spinach.

Aragon Spinach—Our new variety for the South. Fine market size, producing a large, thick green leaf, well crumpled or savoyed and stands a long time before running to seed. The hardest of all varieties, standing any ordinarily cold winter without damage in this latitude. This variety has been thoroughly tested and pleases all market gardeners who use it. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 15 cents; pound, 40 cents, postpaid; 10 pounds, not prepaid, \$2.50.



Aragon Spinach.

Broad Leaved Flanders—Good standard variety for home use and market. Packet, 3 cents; ounce, 8 cents; $\frac{1}{4}$ pound, 15 cents; pound, 35 cents; 10 pounds, not prepaid, \$2.00.

Bloomsdale Spinach—A valuable variety which is extensively grown, producing large crops of thick-leaved Savoy Spinach. Packet, 3 cents; ounce, 8 cents; $\frac{1}{4}$ pound, 15 cents; pound, 35 cents; 10 pounds, not prepaid, \$2.00.

New Long Standing—Sow for all seasons. A heavy cropper that does not run to seed readily. Packet, 3 cents; ounce, 8 cents; $\frac{1}{4}$ pound, 15 cents; pound, 35 cents; 10 pounds, not prepaid, \$2.00.

MARION, ALA.

I moved here from Florida last year. While in that state, I planted your seeds, and feel that I can't get along without them up here.

R. C. MOON.

HASTINGS' TOMATO SEED

Selected and Grown by a Tomato Specialist who Grows:
Tomato Seed Exclusively for Us.

Our Special Strains and Varieties of Tomatoes are known and planted over the South by market gardeners and home gardeners. Nothing untried about it. Our strains of tomatoes have stood the test of 14 years, continuous planting, and each year we enlarge the acreage for seed purposes. Our tomato seed gives the planter entire satisfaction in germination, vigor of growth and full sized, finely colored, smooth fruit, free from cracks and splits. **It's Perfection in Tomato Seed.** Our special strains of Redfield Beauty, Long Keeper, Stone and Dwarf Champion leave nothing to be desired. It gives perfect satisfaction. Tomato seed of the purest and finest quality is one of our specialties, and we are proud of our success in furnishing to our friends the purest and best tomato seed of any firm.

OVER FIVE THOUSAND ACRES OF TOMATOES

Were Planted by the Market Gardeners of Florida Last Year. Over Three Thousand Acres of it was of Our Redfield Beauty and Long Keeper.

HILLSBOROUGH CO., FLA., September 10, 1900.

GENTLEMEN:—I planted a 10-cent package of your Redfield Beauty Tomato last spring. I set out 800 plants from it (1-6 acre) from which I gathered, sold and gave to my neighbors over 30 bushels of the finest Tomatoes I ever saw. My wife canned 45 quarts, and over five bushels were left in the patch. I don't want any other Tomato than the Redfield Beauty for my use. My crop was acknowledged to be the finest in this county.

J. R. KICKLIGHTER.

LEE CO., FLORIDA, March 12, 1900.

Some time in August last I planted an acre of tomatoes, $\frac{3}{4}$ of it Redfield Beauty, $\frac{1}{4}$ Long Keeper, seed bought of you. I commenced shipping in November and continued until February 6, 1900, and during that time shipped 581 crates. I am on Capitiva Island, Lee Co., Florida.

C. W. CARTER.

Our Prize Winner.



REDFIELD BEAUTY TOMATO.

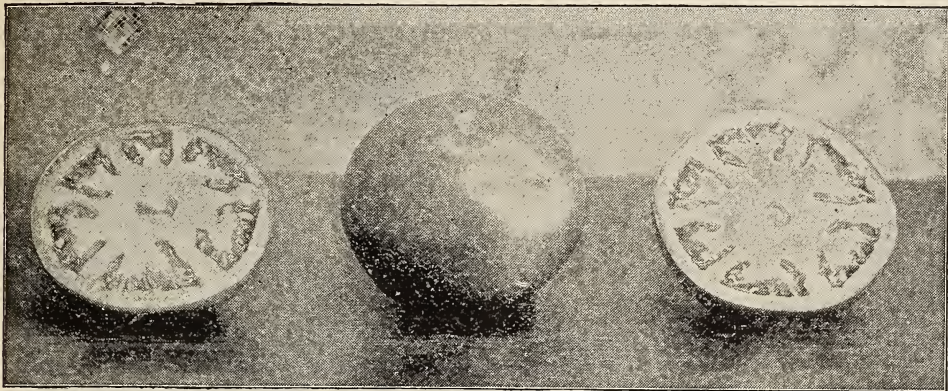
The most thoroughly satisfactory tomato grown. It has stood the test of both market and home gardeners for eleven years, not only in our Southern States, but in foreign countries as well. It's the right size, the right earliness, the right shape, the right color, the right bearing qualities, the right shipping and eating qualities; in fact it's an all right tomato in every respect. In every way and in every test it has proven its great superiority to other famous varieties in Florida, Georgia, Mississippi, Louisiana and Texas.

Its vigorous growth, heavy and long bearing qualities, its hardness, its perfect shaped fruit and its comparative freedom from rot under the most trying conditions of growth has made it a favorite wherever planted. It has a glossy crimson color with a slight tinge of purple. Grows in clusters of three to five fruits. The most regular in growth of fruit of any variety known. Retains its large size until all are picked. Its shape is perfect, and it cannot be excelled for toughness of skin and solidity. Is especially valuable for market gardeners who have to ship long distances or carry in wagons over rough roads. The skin does not break. In competitive tests this season it distanced all of the noted varieties put out by the Northern seed houses; not one of them was equal to it. In past years this variety has taken many prizes at fairs and meetings of agricultural societies, and stands today without an equal. This may sound like boasting, but every word of it is borne out by the experience of both private and market gardeners in the past eleven years. For the shipper, it is beyond a question the best. It can be picked in the green stage and it will ripen up during shipment presenting a handsome appearance.

Price, large packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$1.75; 5 pounds, \$8.00; 10 pounds, \$15.00.

Since you left Florida we have almost failed in our garden crops, but this year we send our order to you again, and I don't think I shall ever experiment with any other seedsmen, for as long as we got seed of you, our garden always did well. My wife says "No seedsman like Mr. Hastings."

J. C. POPWELL, Volusia Co., Fla.



LONG KEEPER TOMATO.

New Stone—A splendid main crop variety of large size and bright red color; very smooth. Largely used in some parts of South Florida for winter shipment. It's a good, firm, solid tomato, used in many sections for canning purposes. Packets, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 50 cents; pound \$1.50.

Long Keeper Tomato—A fine tomato for the South. Bright red, very early and productive, and the longest keeper of any. After several years' careful tests we can recommend it fully to our friends as a tomato that is well adapted to the home garden as well as to the market garden. It has the right shape and color, and no other variety will stand the amount of hot sun and drought that this variety will. Southern truckers will find this a most superb tomato for shipping, on account of its long-keeping qualities and freedom

from rot. It is a strong, vigorous grower and well adapted to our soil and climate. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 60 cents, pound, \$1.75.

Dwarf Champion—One of the best of recent acquisitions. The only variety of stiff enough growth to be self-supporting, thus keeping fruit off the ground without staking. Very stiff, upright, compact growth. Fruit medium size, very smooth and round. Very desirable. Packet, 5 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$1.75.

Buckeye State, Royal Red, Livingston's Favorite, Perfection, Acme, Mikado and Golden Queen at the uniform price of 5 cents per packet, 20 cents ounce, 50 cents $\frac{1}{4}$ pound, \$1.50 per pound, post-paid.

SUMMER AND FALL PLANTINGS OF TURNIPS

are the most important in the South. We sell tons of turnip seed every year. We satisfy the planters in turnips as well as in other varieties. Why? Because instead of hunting for the cheapest European grown stocks we can find, we take none but the best American grown seed. The superiority of the American grown seed is well known among seedsmen.

Our Prices Include Postage Paid.

CULTURE—Turnips do best in new ground, but can be successfully grown on land that is well manured or fertilized. Turnips should not be grown on land to which fresh stable manure has been applied for some months after the manure has been applied. Fresh manure makes spotted turnips. Sow rutabagas from July 15th to September 1st in this latitude; turnips from August 1st to October 1st. Sowings in Florida and near the Gulf may be made a month later than these dates.

BIG 7 TURNIP COLLECTION

For 25 cents we will send, postpaid, one ounce each of Extra Early White Egg, Early Red Top Strap Leaved, Early White Flat Dutch, Purple Top Globe, Yellow or Amber Globe, Seven Top and Improved American Rutabaga; Seven Ounces of Turnip, all different, for 25 cents.

This superb collection will give a full supply of early, medium and late turnips for fall and winter use for every family in the South. No other varieties will be sold at this price, and no changes in this collection will be made.

Purple, or Red Top White Globe—An early variety. Globe shaped. An extra heavy cropper. A handsome looking bulb that is rapidly taking the place of flat varieties. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Early White Flat Dutch Strap Leaf—Medium size; a quick grower. Is flat, with a small tap root, leaves narrow, flesh white and fine grained. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Pomeranian White Globe—An extra heavy cropper. Good alike for the table and stock. Not as early as the flat varieties. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Early Red, or Purple Top Strap Leaved—The most generally planted variety. A quick grower; flesh is very fine-grained and sweet flavored. The red top of the bulb, which extends down to where it rests in the soil, adds very much to the appearance of this popular variety. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Long White, or Cow Horn—Matures very quickly. Roots shaped like a carrot, about half of which is formed above ground. Flesh white, fine-grained and sweet, and of excellent quality for table use. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Yellow Aberdeen (Purple Top)—Resists heat well. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Extra Early Milan—The earliest of all. A flat purple top, perfect in shape and color. Two weeks earlier than the Purple Top Globe. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 70 cents.

Extra Early White Egg—Oval or egg-shaped early variety. The best quality of any of the early varieties. Skin and flesh pure snow white. Solid, sweet and good keeper. Looks very attractive bunched for sale, and gardeners with this variety have no difficulty in selling. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 50 cents.

Golden Ball—A rapid grower, of excellent flavor, globe shaped, bright yellow color, good keeper, and a superior table variety or for stock. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound 50 cents.

Yellow, or Amber Globe (Yellow Stone)—Grows to a large size, excellent for table use or feeding stock, and keeps well until late in the Spring. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Snowball—Extra early. A variety of sterling merit, perfectly round, early, pure white, very solid, sweet, short top. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 50 cents.

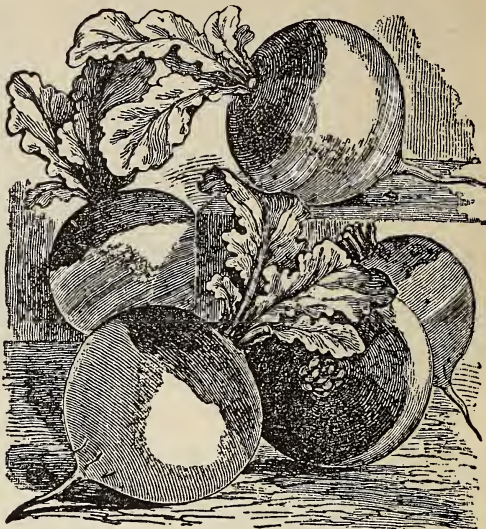
Seven Top—Cultivated extensively in the South for the tops, which are used for the greens. It is very hardy and will grow all winter. Does not produce a good bulb. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 40 cents.

Southern Prize—Similar to the Seven Top, but larger, more vigorous and more hardy than the old favorite. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents, postpaid.

Southern Snow White Globe—Color pure white; shape round, size large, solid, quick in growth for a large turnip, producing a great weight to the acre. Rapidly growing in popular favor, more especially as a late winter and spring variety. In the autumn and early winter it is apt to be hard, but mellow like an apple by keeping. It is productive, hardy, and eclipses the Stone or the Pomeranian. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 50 cents.

Fulton Mammoth—A new variety of the Seven Top type of turnips. Of larger and more vigorous growth than the old Seven Top, and has the great advantage of making a good edible bottom as well as giving more greens than the Seven Top. This variety has been planted very generally in certain sections of Georgia for several years past. Every one who grows turnips for greens should try the Fulton Mammoth this fall. An inferior variety similar to the Fulton Mammoth is on the market under the name of Dixie Land. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents.

Hastings' Mixed Turnips—Our own mixture, containing all varieties of turnips and rutabagas catalogued by us. This mixture is made on purpose to supply the demand of hundreds who only wish to make one sowing and at the



Purple, or Red Top White Globe.

same time have a succession crop of turnips lasting during the winter. This mixture contains all the early, medium and late varieties, and will be found very desirable for those wanting a supply during the entire season. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 50 cents, postpaid.

RUTABAGA, OR SWEDISH TURNIPS.

Our Improved American Rutabaga Turnip, the greatest cropper known. Endorsed by all who have tried it as the most desirable Rutabaga ever planted in the South. This stock has been grown and improved for years, with a view to meet the wants and desires of market gardeners and their customers. It is of fine form. Purple top and yellow flesh, of very pleasing color. Flesh tender and sweet. Exceptionally free from stringy, hard flesh. Very small top, roots fine, sure and heavy cropper; excellent keeper. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Imperial Hardy Swede—An excellent variety for the table, Flesh orange yellow, very sweet and mild and well flavored. Packet, 3 cents; ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 45 cents.

Bread Stone—A valuable variety for the South. Of medium size, quick growing, smooth roots; white with a light green top. Flesh perfectly white, fine grained and cooks in 15 minutes. Very tender and sweet. While this variety was introduced as a turnip and has been catalogued by us as such, yet we have become convinced by several years' test that it properly belongs in the Rutabaga class, although it is as fine grained and tender as most of the varieties of turnips. For any one wanting a white fleshed Rutabaga of extra quality we recommend the Bread Stone. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 70 cents.

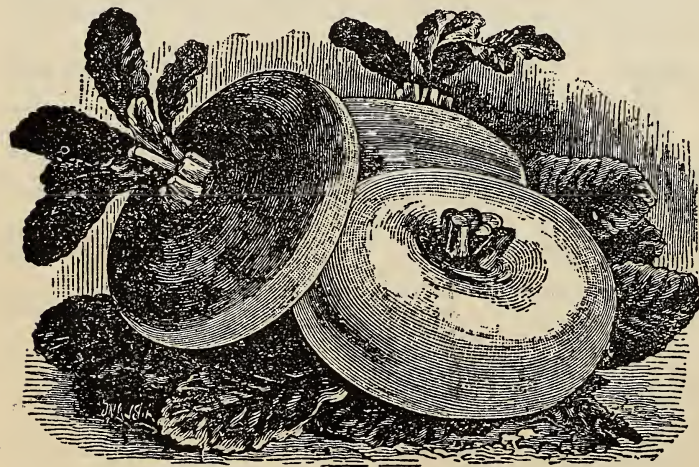
HERBS.

Sage—Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 35 cents.

Thyme—Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound; 35 cents.

I always use your seed, and can't do without them.

MRS. EULA CASTER,
Edge, Texas.



Purple, or Red Top Strap Leaf.

White Flat Dutch.

60 CENTS FLORIDA FALL COLLECTION 60 CENTS

1 Packet Sure Crop Cabbage.....	10
1 " Surehead "	05
1 " Improved Blood Turnip Beet.....	05
1 " Crimson King Beet.....	05
1 " Stringless Green Pod Bean.....	10
1 " Chantenay Carrot	05
1 " Florida Header Luttuce.....	05
1 " Chinese Mustard.....	05
1 " Bliss' Everbearing Peas.....	10
1 " Long Scarlet Radish	05

1 Packet Scarlet Button Radish.....	05
1 " Early White Bush Squash.....	05
1 " Aragon Spinach	05
1 " Redfield Beauty Tomato.....	10
1 Ounce Purple Top Globe Turnip.....	05
1 " Improved American Rutabaga.....	05

\$1.00
16 Packets 60 cents postpaid, including full size packets of beans and peas and ounces of turnips. All suitable for late summer in Florida and the Gulf Coast Country.

WHEAT, OATS, RYE AND BARLEY.



We carry during the fall season complete stocks suitable varieties of Wheat, Rye, Oats and Barley of first-class seed stock only. At the time this catalogue is issued it is impossible to make prices that will stand through the season on seed grain as they fluctuate in price constantly. The prices given herewith are as near the average prices as we can estimate at this time, and we expect to fill orders at these prices. Should these prices be above the market at the time your order is sent we will refund any difference in the price. We do not attempt to compete in price with the alleged seed grain sold by produce and feed houses and gathered up from uncertain sources. Thousands of bushels of low grade milling wheat has been brought into Georgia during the past two years and sold as seed wheat. We are not handling that class of grain. Our seed grain is seed stock grown for that purpose. It is carefully grown and selected for seed purposes, and will give satisfaction to those who plant it. Our prices are fair to you and to us. If you need seed grains in quantity we shall be pleased to make you special prices on application. The largest part of our seed grain is raised on the stiff red clay soils of North Georgia. The superiority of these soils for grain production is well known.

We are now making a speciality of grain seed for fall planting and you will not be disappointed in your crops with seed grain from Hastings.

Currell's Prolific Wheat—This splendid beardless wheat has given entire satisfaction wherever grown in the South, both as regards quality and yield of grain, yields of 30 to 40 bushels being reported as against yields of 20 bushels of other varieties on the same land. Grain medium size, very flinty and a fine milling wheat. Straw very stiff in growth, healthy, strong grower and medium early to ripen. Heads nearly twice the size of the Blue Stem. It is undoubtedly the largest yielding and most satisfactory of all beardless varieties that are adapted to growth in the South. Price, including bags, \$1.35 per bushel. Special prices on larger quantities.

Extra Early Blue Stem or Purple Straw Wheat—This is an old favorite among wheat growers in the South. It's a fine productive beardless wheat, a standard in this section. It has always been an early variety, but this past year we have secured an extra early strain of Blue Stem, ripening a week or ten days ahead of the old strain. Price \$1.25 per bushel. Special prices on larger quantities on application.

Red May—A popular variety in the South, usually ripening latter part of May in this latitude. Very prolific, with flinty grains. Makes a strong milling wheat. Price, \$1.20 per bushel. Special prices on application.

OATS FOR FALL PLANTING.

Winter Turf oats are grown largely throughout this section, making splendid crops of oats, heavier and better than the Rust Proof. When sown early so as to have a chance to become well established they are fully as hardy as wheat and make splendid grazing during late fall and early spring without injury to the grain crop to follow. The yield, under favorable conditions, is almost incredible, and their stooing and turing qualities exceed those of any other variety. On rich soil they have been known to yield over 100 bushels per acre. Much heavier than the ordinary oats. In this latitude sow in September and October. Price, 75 cents per bushel. Ask for special prices on large quantities.

Texas Red Rust Proof—A standard variety for either fall or spring sowing all over the South. Better adapted to light and sandy soils than the Turf oat. Price, 55 cents per bushel. Special prices on large quantities.

Burt or Ninety-Day Oat—Strictly a spring sown oat in this latitude, but much sown in fall and early winter in Florida and along the Gulf. A fine, clean, bright oat, which matures quickly. Requires a very fertile soil to make paying crops. Price, 75 cents per bushel.

GEORGIA GROWN WINTER RYE.

Very little of the rye sold as Georgia grown ever sees Georgia until it is offered for sale, most of it coming from the other side of the Ohio river. We obtain our rye direct from the farmers who grow it here in Georgia, and know just what we are getting. No Northern grown rye is sold by us. Rye is used all over the South for winter pastorage, early green feed and for turning under green. Can be sown successfully from August to March in this latitude. It's a good crop to cover your ground during the winter rains, preventing leaching and washing of hillside lands. Sow 1 to 1½ bushels per acre. Price, \$1.00 per bushel. Special prices in large quantities.

Currell's Prolific Wheat.

WINTER BARLEY.

Makes a much more leafy growth than either oats, rye or wheat. It makes a strong growth and excellent pasture during winter and early spring, as it can be constantly grazed without injury. A splendid feed for both stock and poultry. Sow at rate of 1½ to 2 bushels per acre during fall and early winter. Price, \$1.00 per bushel.

Grasses, Clovers, Winter Forage.

SILK AND SEEDS.—No one would be so foolish as to go to a store and expect to buy silk cloth at the same price that was asked for cotton goods. No one would expect to get as good a pair of shoes for fifty cents, as could be bought for four or five dollars. Anyone who wished to buy a horse would know that he could not get as good a horse for fifty dollars as he could for one hundred and fifty.

Yet some people seem to think that seed is different from everything else, and that they can get the very best grade of seed for the same price that they would pay for the very poorest grade. **You can't buy silk at a cotton price,** and you can't buy the very best seeds at the very cheapest price. This is true with all kinds of seeds, but it is especially so with grass and clover seeds. There is no class of goods more subject to adulteration than seeds of these sorts, and it requires skill and honesty on the part of the dealer to enable him to furnish to his customers seeds which shall be pure, unmixed and of the very best germinating quality.

Clover, especially, is frequently adulterated with spurious cheap seed, many sorts of which resemble clover seed almost exactly, so that the fraud is only seen when the seed is examined under the microscope.

Much of the cheap seed, in fact, most of it, comes from Europe. In almost all of the imported seed will be found a large percentage of weed seed, and in addition to this, the seed is often adulterated with cheap varieties of clover, which enables the dishonest dealer to sell the seed below what good seed can be sold for. No thinking farmer will doubt for a moment which is really the cheapest seed, low grade stock of poor germinating power, with a generous mixture of weed seed, filling his land with all sorts of villainous pests, or a pure, high-grade seed strong in vitality and free from weeds, even when this latter sort costs 50 cents or a dollar more than a "cheap" seed.

When You're Buying Silk,

Don't be Fooled by a Cotton Price, and don't let any seedsman make you think that he can sell you the highest grade of grass or clover seed at a price far below the real value.

In selecting our stock of grasses and clover, we have used every precaution possible against securing anything but the very best grades. All of our stocks are subjected to rigid inspection, examined carefully under powerful magnifying glasses, and tested carefully for germination. It is our intention to handle nothing but the best, and in comparing our prices with those of other dealers, we want you to remember these facts, and think whether you can afford to risk your money on "cheap" seed. Our prices are just as low as first-class seed can possibly be sold for. We shall be glad to send samples and quote prices at any time, and if desired,

will give figures obtained from our latest germinating tests on the varieties wanted. This is fair both to you and to us, for it shows you just what results you may expect from the seed, and may be the means of saving you from loss and disappointment.

We do not, of course, promise or guarantee that any seed we sell will give the same results to the customer, when sowed in the open ground, as we obtain in our own germinating tests. Many causes may prevent this and tend to alter the results, but in making accurate tests and furnishing each customer with the actual figures, we have done our part in supplying him with seed which we know to be fresh and vital. Your orders for grass and clover seed are safe with us, and you may be sure that our motto of "Reliable Seeds at Fair Prices" holds in this line as in others.

Soil Preparation for Sowing.

The South is fortunate in having so many varieties of grasses and clovers, some one or more of which will be found to be adapted to almost every section and every class of soil.

On light sandy soils, such as are found near the Atlantic and Gulf Coasts and in South Georgia and Florida, such grasses as Johnson and Bermuda can be used. On light loam soil Red Top (Herd's Grass) and Orchard Grass do well, and these sorts can be grown still better on heavier soils. On still heavier soils the range of desirable varieties is increased. Clovers will do well in almost every part of the South on everything except clear sand.

On sandy loam and light clay soils Crimson Clover does well, while on heavy clay soils the Red Clover and other varieties are entirely successful.

If possible prepare your land for grass and clover by plowing under cow peas, velvet beans or a similar soil-enriching crop. The better the land, the better the grass and clover. Remember—you cannot get your soil worked down too fine and mellow before sowing the small, fine seeds of grass and clover. Land for grass should be thoroughly prepared—plowed some time previous to seed-sowing and harrowed frequently during dry weather, working the soil until free from all trash, clods and lumps. This continued harrowing not only gets the soil thoroughly pulverized, but kills the weeds that are germinating. Your stand depends largely on your thoroughly pulverizing the soil.

Just before sowing, harrow the land lightly, sow seed, then harrow lightly again, covering the seed not over a half inch. If weather is dry roll the soil to firm it over the seed, but never roll or tramp down a clay soil when it is wet. Sandy soils may be rolled to advantage at any time. Distribute seed as evenly as possible in sowing.

September, October and November are the best months for seeding grass and clover, but in this latitude they can be sown from February to April. We recommend fall sowings for best results.

The second year the crop can be grazed or used for hay, and will then continue to furnish heavier crops of superior quality for each succeeding year.

We would advise all our customers who have not used this, and we know it is a new thing to most of them, to put

down at least a small patch of this valuable clover, if only a trial plot. We believe it to be one of the most valuable things that has yet been introduced in the South. Price, 35 cents per pound, postage paid. Per bushel of 10 pounds, not prepaid, \$2.00.

RED CLOVER.

Throughout many sections of the Southern States this member of the Clover family grows as promptly and luxuriantly, and yields as heavy crops as in any other portion of America. Any good soil, with red clay subsoil near the surface, is adapted to clover. It is one of the most valuable plants for improving soil, as it gathers nitrogen from the air and stores it in the soil, and also puts the soil in good condition by means of its long roots, which draw from the subsoil. When tobacco or cotton fields are thrown out of cultivation for the purpose of "resting" them, as is done in many parts of the South, clover should be planted on the land, and thus the soil would be rested and built up, and at the same time valuable crops of forage would be secured. The best results are obtained by using clover in a rotation of crops, and not keeping it continuously on the same land. A top dressing of land plaster, applied to clover in the spring, will help its growth wonderfully; about 200 pounds per acre of the plaster should be used. The seed can be

sown either in the fall or spring, from September until¹¹ March, and the crop should be cut for hay while it is in full bloom. When sown by itself, use from 12 to 15 pounds per acre. If sown with Orchard or Reseue grass, 6 to 8 pounds of clover with one and a half to two bushels of Orchard grass will give a good stand.

Care must be used in buying clover seed, as many dealers offer seed which is mixed with spurious and harmful seeds, thus enabling them to sell at a cheaper price. Beware of such seed at any price. You can not afford to fill your land with noxious weeds for the sake of saving a few cents when buying seed. Our grades of clover are of high quality, as we use seed from the most reliable sources, and handle only genuine American grown stock. 30 cents per pound, postpaid. In lots of ten pounds or more by express or freight, not prepaid, 12½ cents per pound. This price subject to change with market fluctuations. Write us for prices in bushel lots or larger quantities.

Hairy, Winter or Sand Vetch.

(VICIA VILLOSA.)



Hairy or Winter Vetch.

Much interest is being manifested in this plant which is beyond doubt the largest yielding, surest cropping, most nutritious winter and spring forage plant we can grow in the South. If to be fed green it should not be cut till bloom appears. Best results are obtained by feeding with roughage like pea vines and corn fodder.

The yield is immense. On medium soils it amounts to five or six tons per acre, and on extremely rich soils it often runs to 12 or 15 tons.

The yield depends very largely on the natural fertility of the soil and cultivation. It makes a very nutritious feed and within the past two years has come into general use by the dairymen in this section. It fattens and at the same time largely increases the flow of milk.

R. J. Redding, Director of the Georgia Experiment Station, under date of July 16, 1900, says, "I sowed some little patches of the Hairy Vetch on Bermuda sod and I was astonished and agreeably surprised at the result and am very much pleased with it; indeed, I find it much more hardy than the common vetch, (*Vicia Lativa*), the severe freeze in February killing the common vetch to the ground and not even singeing the Hairy Vetch. On one plot, occupied by a very heavy Bermuda sod, I sowed the seed in October myself at the rate of one bushel per acre and did not attempt to harrow them in or in any way cover them. The result was remarkable. When at its best I measured a small plot of it accurately and weighed the green forage. The amount was 29,500 pounds per acre."

Vetch should be sown from August to December at the rate of 30 to 40 pounds per acre, with ¾ to 1 bushel of rye or winter oats. Vetch is a trailing plant and needs something like rye, oats or wheat to support it, holding it well off the ground and making it easier to harvest and cure. Price, 25 cents per pound, postpaid. Price on seed in quantity, 10 cents per pound, not prepaid. Write for prices on quantity.

CRIMSON CLOVER.

An annual variety that is proving very popular in the South. The crops of it near Atlanta this year have been magnificent, many of them averaging over $3\frac{1}{2}$ feet in height. Especially valuable for the lighter clay soils. Grown most largely for winter pasture and hay crops, maturing early in May. Its a nitrogen gatherer and even where the tops are cut off, the stubble and roots add largely to the fertility of the soil. It's one of the cheapest and

most valuable of the soil improvers and its growth will undoubtedly pay big on the investment in all the Southern states except Central and Southern Florida. Sow from August to November, taking care to have the ground thoroughly prepared and the highest grade seed. With these, success is practically assured. Pound, postpaid, 30 cents; in lots of 10 pounds and over, 12 cents per pound. Quantity and price subject to market changes.

White Clover.

Does well on almost all soils of the Central South and can be grown on soils too poor for Red Clover to succeed. Prefers naturally moist land. Sow either in fall or spring, five or six pounds per acre.

Alfalfa or Lucerne.

There is a renewed interest in this plant in the South. Its a perennial. Once properly seeded and established it lasts for years, the roots penetrating the soil to a depth of 20 to 30 feet until they are beyond the reach of the severest drought. It has been known to live, on one plantation here in Georgia, over 30 years and is better now than at the end of the third year. Like all other clovers it requires for success first-class seed and thorough soil preparation. It's

advisable to sow this crop alone at rate of 15 to 20 pounds per acre, in drills. It should be cultivated the first year and not grazed, although two or three mowings will prove beneficial. Sow in either fall or spring, fall being preferable. Pound, postpaid, 30 cents. In quantity prices fluctuate, but usual price for highest grade seed is about 15 cents per pound, not prepaid.

Dwarf Essex Rape.

Highly recommended for fall and winter pasturage for cattle and sheep, furnishing rich and nutritious pasturage in six or seven weeks from sowing, and continuing through winter and spring. Very good to sow with Crimson Clover. Sow from August to November in drills at rate of 4 pounds per acre, or can be sown broadcast 8 pounds per acre. Pound, postpaid, 25 cents. In quantity, by express or freight, not prepaid, 12 cents pound.



Hastings' Importation

Dutch Flowering Bulbs

For Fall Plantings.

Our success with bulbs last season and the general satisfaction expressed by those who were so well pleased with them has encouraged us to largely increase our importations this fall. In addition to this condensed catalogue, we issue in October a special illustrated pamphlet on bulbs, giving full cultural directions for fall bulbs, in the open ground, in pots and in water.

There is no more interesting pastime than the

growth of flowers from the best imported Dutch Bulbs, and were the methods of cultivation better understood, they would be as popular as many of our commoner kinds of flowers. A copy of this special pamphlet is sent with every bulb order, and will be sent to any one free on request.

If you are a lover of flowers you can't afford to be without at least a few bulbs this fall.

WATER CULTURE OF BULBS.

Very few seem to be aware that several kinds of bulbs can be grown and brought to perfection by simply growing them in water. Not a particle of soil is necessary to bring Chinese Lilies, Narcissus and Hyacinths to perfection. It can be done in the dead of winter when outdoor grown flowers are an impossibility. How to do this is fully explained in our special pamphlet.

We would warn our readers against very cheap Hyacinths. They are undersized and will not give satisfactory results in the bloom. We grew quite a number of the Dutch Roman or Miniature Hyacinths last season. We are fully satisfied that they will not give satisfaction and have dropped them from our list this year. We can't afford to sell bulbs that are not satisfactory, even at lower prices.

Single Dutch Hyacinths.

PURE WHITE
ROSE PINK
LIGHT BLUE
DARK BLUE
YELLOW
DARK RED

First size bulbs only, purchaser's selection of colors. Prices include postage or express charges paid. Each, 8 cents; ½ dozen, 45 cents; dozen, 80 cents; 100, \$6.00.

Double Dutch Hyacinths.

PURE WHITE
ROSE PINK
DARK RED
LIGHT BLUE
DARK BLUE
YELLOW

First size bulbs only, purchaser's selection of colors. Prices include postage or express charges prepaid. Each, 8 cents; ½ dozen, 45 cents; dozen, 80 cents; 100, \$6.00.

White Roman Hyacinths.

Favorites everywhere in the South where they have been grown. In this latitude and further south they are suitable for either indoor or outdoor culture. 5 cents each; 50 cents dozen, \$3.00 per 100, delivered at your postoffice or express office.

Narcissus Grandiflora.

The most magnificent, the most popular, the most satisfactory of all the ordinary forms of Narcissus. It grows equally well indoors or out, in soil or in water. Also known as the Paper White Narcissus. It ought to be in every home in the South for a winter bloomer. Large size, extra fine bulbs, 3 cents each; 35 cents dozen; \$2.25 per 100, delivered.

Single and Double Tulips.

ARTUS.—Fine bright red single. 3 cents each; 25 cents dozen; \$1.50 per 100.

CHRYSOLORA.—Large pure yellow; single. 4 cents each; 30 cents dozen; \$2.00 per 100.

L'IMMACULEE.—Large pure white; single. 3 cents each; 25 cents dozen; \$1.50 per 100.

DUCHESS OF PARMA.—Large orange red; single, bordered with yellow. 3 cents each; 25 cents dozen; \$1.50 per 100.

MIXED SINGLE TULIPS.—All shades and colors mixed. 2 cents each; 20 cents dozen; \$1.25 per 100.

DUKE OF YORK (DOUBLE).—White with blood-red center; 4 inches in diameter. 4 cents each; 30 cents dozen; \$2.00 per 100.

LA CANDEUR.—Pure white; double; fine for bedding. 3 cents each; 25 cents dozen; \$1.50 per hundred.

GLORIA SOLIS.—Rich bronze crimson; double, with yellow edge. 3 cents each; 25 cents dozen; \$1.50 per 100.

Chinese Sacred Lilies.

The most interesting of all bulbous plants. Grows vigorously and to perfection in water alone. Our importation from China is of the finest selected large bulbs, sure to bloom and give satisfaction. Prices, postpaid, 12 cents each; 3 for 30 cents; \$1.00 per dozen.

Bermuda Easter Lily.

Large white trumpet-shaped flowers, very sweet scented and of great substance, lasting a long time after being cut.

BULBS—5 to 7 inches in circumference, 12 cents each, \$1.25 per dozen.

"	7 to 9	"	"	20 cents	"	2.00	"	"
"	9 to 11	"	"	30 cents	"	3.00	"	"

Freesias.

One of the most popular of all bulbs, and of easy culture. First size bulbs, 20 cents per dozen; \$1.00 per 100; \$8.00 per 1,000.

Lily of the Valley.

Extra selected strong flowering pips. 25 cents per dozen; \$1.75 per 100.

Crocus.

White, Blue, Purple, Yellow, and Striped. 10 cents per dozen; 60 cents per 100; \$4.50 per 1,000.

Richardia or Calla Lily.

WHITE CALLA.—Very large white flowers, each, 20 cents; \$2.00 dozen.

LITTLE GEM CALLA.—Very neat dwarf growth, each, 10 cents; 75 cents dozen.

SPOTTED CALLA.—White flowers, spotted leaves, each 15 cents; \$1.50 per dozen.

YELLOW CALLA.—Broad green leaves with black center. Beautiful light yellow flowers. Each, 35 cts; \$3.50 doz.

Pansy Seed for Fall Planting.

Pansies, to get best results, should always be planted in the South in October and November. This gives the plants a chance to get to large size, to get to full maturity, a condition necessary to attain to produce the large perfect flowers before the arrival of hot weather.

Hastings' Superb Mixed Pansy.

Contains Trimardeau Giant, Bugnot's Blotched, Cassier, Bronze, Peacock, Odier, Victoria, and many others of the finest grade. Pansy blossoms from this mixture will average larger than a silver dollar if given good soil and plenty of water. Packet, 25 cents; 3 packets, 50 cents.

LARGE FLOWERING ENGLISH MIXED.—A mixture of the best large flowering English varieties. Packet, 15 cents; 3 packets, 30 cents.

FRENCH MIXED.—Good mixture of French varieties. Packet, 10 cents; 3 packets, 20 cents.

FINE MIXED PANSY.—Good mixture of the more common varieties. Packet, 5 cents.

Superb Pansy Plants.

For many years our Superb Mixed Pansies have been without a rival. The "Superb" is a mixture of our own, made up from the largest flowering and best strains of pansies from both American and European growers. We have heretofore offered only the seed, but we find that there are many who desire to have well established, strong, thrifty plants ready for blooming in the early winter months, and to supply this demand we have grown several thousand plants from our Superb Mixed Seed. These will be ready for delivery in November and December. At that time they will be large enough to give almost immediate results in blooming, and be a source of beauty and satisfaction all through the winter and spring in the lower South. If you are a lover of pansies, you cannot afford to be without a few of our "Superb Mixed" this fall. Price, by mail, postpaid, 6 for 30 cents; 12 for 50 cents; 100 for \$3.50.

We Are Building

a seed business here in the heart of the South, that will, in a few years equal, if not excel in size and volume of business, that of the long established houses of the North. That is what we are working for and know that we shall attain it, for we are building on the sure and solid foundation of merit in the seeds we sell. Hastings' Seeds are known and used in every Southern state, and every year enlarges the circle of pleased customers. To the many thousands to whom this catalogue goes, we ask your seed orders, not especially because we are in and of the South, but because the use of our seeds will be profitable to you. It pays to use Hastings' Seeds. Why not let it be profitable to you this summer and fall?

H. G. HASTINGS & CO.

Bug Insurance.

You have all heard of fire insurance, life insurance and accident insurance. These are all important and valuable forms of insurance, but they are of no protection to the farmer and gardener who suffers from the depredations of bugs and insects, injurious and destructive to almost every garden and farm crop. We are now, through a recent discovery, able to place "Bug Insurance" in the hands of every farmer and gardener in the South, a sure protection for his crops, saving them from injury and destruction.

INSURE YOUR CROPS.

We doubt if there has been any discovery or invention made in recent years which will prove of more real benefit or value to the farmer and gardener than the discovery of Bug Death, which has proved itself to be such a sure destroyer of almost every form of insect life, and which at the same time acts as a fertilizer on the growing crop. For years the growers have been losing money from the ravages of insect pests, the crops being either partially or wholly destroyed. In some sections the trouble from this cause has been so great that the growing of some of the most profitable crops have been abandoned. The discovery of Bug Death means that the farmer and the market and home gardener can insure his crops by easily destroying all the bugs and insects which have been such a source of loss to those engaged in agriculture.

BUG DEATH KILLS THE BUGS,

and not only does it do this, but it furnishes valuable plant food for the growing crops.

IT IS NOT A POISON.

It can be used with perfect safety on any crop. It is not poisonous to human beings or to animals. You can use it on cabbage one day and eat it the next without injury.

IT IS MORE EFFECTIVE THAN PARIS GREEN

on any vegetable crop and has none of the dangerous qualities of Paris Green, Laurel Green, London Purple, or any other of the arsenical poisons used for insecticides.

ATLANTA MARKET GARDENERS ARE MORE THAN PLEASED WITH BUG DEATH.

During the past season we sold thousands of pounds of Bug Death to the market gardeners in and near Atlanta. It met with success everywhere. It has been fully tested on almost every crop grown in this latitude, and it has given entirely satisfactory results, where properly applied, in driving away or killing all the insects which were destroying the crops. The market gardeners invariably said, "It is the best thing we have ever used. It does the work perfectly."

IF YOU GROW ANY CROP

that is subject to the attacks of insects, you cannot afford to be without a supply of Bug Death on your place. It insures you against loss from insects. It insures your potato crop, your cabbage, your beans, your squash, your cucumbers and melons. No matter what crop you raise, it will pay you to use Bug Death. You will raise a larger crop, a finer crop, and make more money out of it than you would from the same crop without the use of Bug Death.

DON'T WAIT UNTIL THE BUGS

have eaten up half your crop. Dust Bug Death on as soon as the bugs appear. Use it freely, dusting it on when the plants are wet with rain or dew. If you prefer to spray your plants it can be mixed with water and sprayed on in liquid form.

YOU CAN HAVE BUG INSURANCE

just as well as fire insurance. A small amount invested in Bug Death insures the safety of your crop from insect pests, just as fire insurance saves you from loss in case of fire.

WE ARE SOUTHERN WHOLESALE AGENTS

for Bug Death. Your merchant should keep it on sale regularly, and we will supply him if he desires at wholesale prices. Bug Death in three and five pound packages cannot be sent by mail. When ordering seed by freight or express, include a package of Bug Death, as it can be packed and shipped with the seed.

Single pounds, postpaid, 25 cents. When shipped with seed by freight or express, 15c. per pound; 3 pound package, not prepaid, 35c; 5 pound package, not prepaid, 50c.; 12½ pound box, not prepaid, \$1.00.

To any express office reached by the **Southern Express Co.**, we will ship a three pound box, charges prepaid for 60 cents; a five pound box, charges prepaid, 85 cents; a 12½ pound box, charges prepaid, \$1.45.

To any express office on the line of the Wells, Fargo, American, or Pacific Express Companies, we will send Bug Death, all charges prepaid, as follows: 3 pound box, charges prepaid, 60 cents; 5 pound box, charges prepaid, 90 cents; 12½ pound box, charges prepaid, \$2.00.

In our opinion it is the cheapest and most effectual insecticide on the market today.

Insure your crops and thus insure your income.

H. G. HASTINGS & CO.

3 PINK**3 WHITE**

BEST DOZEN ROSES

3 YELLOWDelivered to any Express Office
in the Southern States, \$2.75
charges prepaid, for .**3 RED**

FOR SOUTHERN FALL PLANTING IS WHAT WE OFFER ON THIS PAGE.

Sent, all express charges prepaid, to any express office in the Southern States.

For years experiments have been conducted to find out the best dozen varieties of bush, everblooming roses for the South. This list contains that dozen. These plants are not little, pot-grown, forced greenhouse roses, but large, strong, vigorous, healthy, open-ground grown Georgia roses, ready for immediate results in an abundance of bloom as soon as the weather permits growth. You don't have to pet and nurse these plants for a year before getting good bloom.

Catherine Mermet—Buds faultless in form, and color a delicate rosy pink. Beautiful in bud, and double and well filled when open. Strong, vigorous grower in the open ground.

Duchess de Brabant—Also known as Countess Le Barthe. A soft shell pink, always opening perfectly and always in bloom. It's a favorite wherever grown in the South. With its beautiful foliage and constant and profuse bloom there is no rose so satisfactory to have in your yard.

La France—An old variety but always a favorite. Said by many to be the queen of all roses. No variety can surpass it in delicate coloring; silvery rose shaded with pink, with a satiny sheen over all its petals. A continuous bloomer.

Perle des Jardins—A rose which you cannot afford to be without. Closely resembles the famous Marechal Neil but the form is better. Color a rich golden yellow. Buds of fine form, and a strong, vigorous grower.

Madame Welche—Large full buds of globular shape. Color soft amber yellow.

Mlle. Franciska Kruger—Good size bloom, very symmetrical, and in everything except color, which is a deep coppery yellow, it resembles Catherine Mermet.

Papa Gontier—A grand red tea rose of fine crimson shade and silky texture. Very vigorous grower and free bloomer.

Meteor—A velvety red everbloomer of the deepest glowing crimson. Flowers medium size and very double. Equal to Jacquiminot in color, and a free bloomer.

Baldwin or Red Kaiserin—In our opinion the finest red tea rose. Vigorous grower with long, elegantly pointed buds of the brightest carmine.

Bride—A beautiful, strong growing, everblooming tea, identical with Catherine Mermet except in color, which is a pure white.

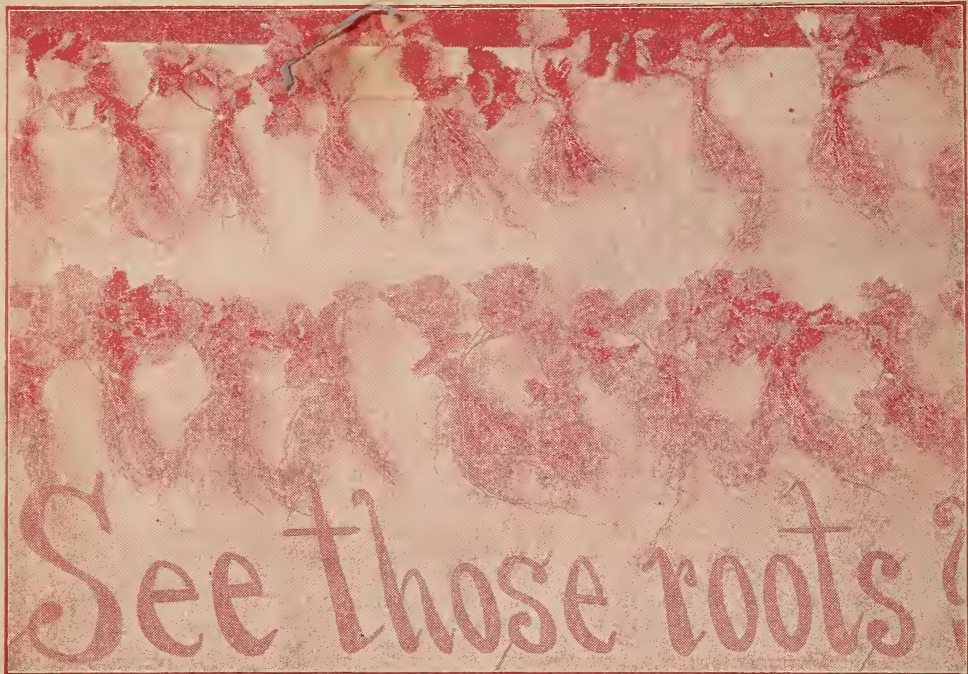
Kaiserin Augusta Victoria—The best white rose in the world. Buds are beautifully formed with large petals of good substance. Color a pure, snowy white. Richly perfumed.

Golden Gate—Flowers extra large, full and finely formed. Buds long and finely formed. Color a rich creamy white beautifully tinged with golden yellow.

Price of these roses is 25 cents each, or \$2.50 per dozen. Plants will be ready for delivery about October 15th, and all orders received previous to that date will be booked and held until then when it will be safe to move open-ground grown plants.

For \$2.75 we will send this "Best" dozen varieties by express, all charges prepaid to any express office in the Southern States. They are too large to be sent by mail.

STRAWBERRY PLANTS.



We want you to see those roots. The above is from a photograph of some of our plants. These are not picked plants, but taken at random from a lot sent in for shipment. This shows you how much better our plants are than the kind usually sold. These plants are grown under irrigation, with the most careful attention and cultivation. They are superior to any plants now offered. Our prices are a little higher, but you obtain better plants, better berries, and obtain fruit sooner by setting your beds with strong, vigorous plants like these. These plants are grown for us by a strawberry specialist of Atlanta under the most careful cultivation. His plants are all healthy, and no plant is used to propagate from unless it is in a healthy and vigorous condition, nor are any weak offsets allowed to grow; every plant strong, healthy and vigorous. Every plant we offer is the best that can be grown. You will be pleased with the plants we send you.

The following varieties seem from actual test to be the best quality, size and surest bearers for the South:

CLYDE—The earliest good large berry. Strong grower and productive. Fruit firm, large and of regular form. Bright scarlet berries.

GANDY—Midseason variety. Strong grower, vigorous and very prolific. Ripens evenly. Berries large and finely formed, well colored and firm. Very large and of finest flavor.

CUMBERLAND—Rather late, blooming after most danger from frost is past, yet maturing rapidly; large, finely formed, bright colored berries. The standard variety in this section.

BRANDYWINE—Early. A very large berry, and should be planted on low moist land, as it does not withstand drought well.

BUBACH—Much liked by some growers. It is a shy bearer, but the fruit is very large. Medium early. Does not stand shipping well.

LADY THOMPSON—Large, even size; good color and productive; good shipper, firm and of fine flavor. Strong and vigorous grower. One of the best.

JESSIE—A splendid berry for new beds and for stiff clay soils. Fruit large and holds up in size to the last picking.

HAVERLAND—A good productive market berry. Berries medium size, long and very uniform size.

PRICE—ALL VARIETIES—Packed and ready for shipment—Per 100, 50 cents; per 1,000, \$3.50, not prepaid. Plants can be delivered from October 15th to February 15th.

SPECIAL PREPAID OFFER.

In our opinion the three best varieties for home use and nearby markets are Clyde, Gandy and Cumberland. 300 plants will make a fine bed, just what you ought to have. We will send, express charges prepaid to any office reached by the Southern Express Company, 100 of each of these three varieties for \$1.50. To any point reached by any of the other express companies in the Southern States we will send this strawberry collection, all charges prepaid, for \$1.75.

ASPARAGUS, HORSE RADISH, RHUBARB.

PALMETTO ASPARAGUS ROOTS—2-year old only. 50 roots, 85 cents; 100 roots, \$1.50, postpaid. By express or freight, not prepaid, 75 cents per 100; \$5.00 per 1,000.

HORSE RADISH ROOTS—The sets to plant, 20 cents dozen; 75 cents per 100, postpaid. Per 1,000, not prepaid, \$4.00.

RHUBARB OR PIE PLANT—Good strong roots; by mail or express, charges prepaid, 4 roots, 50 cents; dozen, \$1.25. Per 100, by express or freight, not prepaid, \$9.70.