HASTINGS' SEEDS
Fall 1931 • 82nd Catalog

HASTINGS' EVERGREEN LAWN GRASS SEED. Make your “Home Beautiful” this fall with a real “Hastings' Evergreen” lawn. This velvety green lawn mixture contains grasses that grow successfully in the South. It is the best of all. See page 3. Lb. 55c. 5 lbs. (for 1,000 square feet) $2.25.
HASTINGS'  
7 Full Ounces  
7 Varieties  
35¢ postpaid

1/4 Lb. each  
7 Varieties  
$1

BIG 7 TURNIP COLLECTION

EARLY WHITE FLAT DUTCH
PURPLE OR RED TOP GLOBE
EARLY RED OR PURPLE TOP
YELLOW OR AMBER GLOBE
SEVEN TOP
EXTRA EARLY WHITE EGG
JAPANESE SHOGOIN
HASTINGS’ SEEDS
ORDER SHEET

Please do not write in above space


Gentlemen:—I am enclosing $___________ for this order

Ship to me by — Mail □ Express □ Freight □

(Mark X in square for desired shipment)

Name

Mr. Mrs. Miss

(If Mrs., kindly use husband’s first name or initials, as Mrs. Sam B. Clark)

Postoffice State

Rural Box Express or
Route No. No. Freight office

(P. O. House No.
Box and Street

BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOG ON PAGE 2

<table>
<thead>
<tr>
<th>Number in Catalog</th>
<th>Quantity</th>
<th>Names of Seeds or Other Articles Wanted</th>
<th>PRICE</th>
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<td>1 YEAR’S SUBSCRIPTION TO PROGRESSIVE FARMER—SOUTHERN RURALIST Numbers 25 CENTS</td>
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<td>SUB.</td>
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<td>1 YEAR’S SUBSCRIPTION TO PROGRESSIVE FARMER—SOUTHERN RURALIST Numbers 25 CENTS</td>
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<td>SEED COL.</td>
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<td>35c—HASTINGS’ BIG 7 TURNIP COLLECTION—$1.00</td>
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<td>35c for 7 Ounces—7 VARIETIES—7 Quarter Pounds for $1.00</td>
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<td>BULB COL.</td>
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<td>50c—GIANT DARWIN TULIP COLLECTION—$1.00</td>
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<td>10 Varieties for 50c—20 Varieties for $1.00</td>
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Remember—No order too large or too small to send to HASTINGS’
Please read carefully so that you understand this offer fully.

Seeds that you order may entitle you to under this offer. We shall be glad to have you select the Premium Seeds. You may order seeds in packets and ounces to the amount of one dollar or over you can select other seeds in packets only to the amount of 25 cents on each dollar's worth of packets and ounces ordered. This does not apply to the larger sized packages, such as quarter-pounds, pounds, two-pounds, etc., nor does it apply on special collections of seeds, onion sets, plants or bulbs. You can not order a dollar's worth of seeds in packets and ounces and then select a quarter-pound of something priced at 25c or a pound of peas or beans as a Premium; neither can you order a dollar's worth of seeds in packets and ounces and then select a quarter-pound of something priced at 25c or a pound of peas or beans as a Premium; neither can you select a quarter-pound of something priced at 25c or a pound of peas or beans as a Premium.

Hastings' Nursery Catalog Ready About October 1st

Please ask for this handsome new Nursery Annual if you are interested in obtaining the finest new Roses, Flowering and Ornamental Shrubs, Evergreens, Hardy Perennial Plants, Fruit and Pecan Trees, Berries and Grapes. Hastings' is Southern Headquarters for Roses and can supply practically any worthwhile kind—over 200 Rose Varieties Growing in Hastings' Meat Planting, Evergreens, Hardy Perennial Plants, Fruit and Pecan Trees, Berries and Grapes. Hastings' is Southern Headquarters for Roses and can supply practically any worthwhile kind—over 200 Rose Varieties Growing in Hastings' Meat Planting, Evergreens, Hardy Perennial Plants, Fruit and Pecan Trees, Berries and Grapes.
A FALL GARDEN? YES

If you will, your fall garden can be just as important in health and money saving as the usual spring garden. In Florida, South Texas and all along the Gulf Coast the fall garden is really more important than the spring garden.

Everyone in our southern country can have a garden in fall and early winter, some more than others, but all can have many of the vegetables that are well known for their flavor, value, and their extreme hardiness when properly cared for. Seed should be sown in late September or October for maturing in early spring months. In Florida, beets should be planted in October, November, and December. Planting of beets may be continued during all of the fall and winter months. In Florida, beans, can be planted in the southern half up to August 1st. In the lower half to August 15th, and in Florida continuous sowings can be made October to February.

Beans Bush varieties can be planted in the northern half of Georgia, Alabama, Mississippi, Louisiana and Texas, also in North and South Carolina, up to August 15th; in the southern half of these States plantings can be made up to September 15th. Better varieties like Kentucky Wonder, Red and pole bush beans can be planted in the southern half up to August 15th. In Florida, south Texas, Driftless, Sure Crop, Centennial Late Flat Dutch, and in the large protected spots along the Gulf Coast, seed of these can be sown in the months of August, September, and in South Florida beans can be planted with more or less safety during all the fall and winter months.

Beets The turnip-shaped varieties such as Hastings’ Improved Drumhead, Surehead, Sure Crop, Centennial Late Flat Dutch, and the Egyptian can be planted in August in the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and in the Carolinas during August and first half of September. In the northern half of the Gulf States beet planting can continue until about October 15. In Florida, South West Texas and many of the more protected Gulf Coast sections the planting of beets may be continued during all of the fall and winter months. In Florida, beets should be planted in October, November and December.

Cauliflower Planting of Cauliflower is not advised during the fall in the north except in the southeastern States. In the states except Florida, South Texas and in the more northern sections of the South, Kale or Borecole Not advised for planting this in the northern half of Georgia, Alabama, Mississippi, Louisiana in August; in the southern half, planting of them can be made as late as September 15th. In Florida, South Texas and near the Gulf, plants can be made both of the extra early and second early varieties from seed are preferable. The same is true of Broccoli, which resembles Cauliflower closely.

Cabbage In the Lower South, Florida, South West Texas and in the northern half of Georgia, Alabama, Mississippi, Louisiana and Texas and well protected spots along the Gulf Coast. Seed should be sown in late September or October for maturing in early spring months. Cauliflower will not stand heat, and to be successful must be matured not later than April 1st in those sections. The same is true of Broccoli, which resembles Cauliflower closely.

Carrots Suitable for August planting in the northern half of the South, for September planting in the southern half. For Florida, South West Texas and close to the Gulf, plantings may be made any time up to December. The carrot is a vegetable that should be more largely planted in the South in any average winter. In the Lower South. Florida, South West Texas and in well protected spots along the Gulf Coast, can be planted up to September 15th. In the northern half of Georgia, Alabama, Mississippi, Louisiana and Texas, in the protected spots along the Gulf Coast, full size plants can be grown by the middle of the fall. In Florida, South West Texas, and in the Carolinas, sowings can be made up to September 15th.

Celery We do not advise the planting of celery in the fall except in Florida, South West Texas, and in the protected spots along the Gulf Coast. In those sections August and September plantings are the most desirable for March and April maturity. While looked on as an almost strictly spring vegetable, it can be planted in August and early September for quick maturity along the Gulf Coast and in Florida. Limited areas of crop can be raised in South Florida for shipment north during the winter months.

Eggplant Not advised for planting in the fall except in South Florida, South West Texas, and in the protected spots along the Gulf Coast. In those sections August and early September plantings with maturity in that State in about 110 days, and like cucumbers, limited areas are found profitable for shipments from South Florida during the winter months. Peppers are adapted to similar conditions.

Kale or Borecole Not advised for planting in the north except in the northern half of the South. September and October sowings are the best. In Florida, South West Texas, and in the protected spots along the Gulf Coast, planting of kale or borecole Not advised for planting in the fall except in South Florida, South West Texas, and in the protected spots along the Gulf Coast. In those sections August and early September plantings with maturity in that State in about 110 days, and like cucumbers, limited areas are found profitable for shipments from South Florida during the winter months. Peppers are adapted to similar conditions.

Lettuce One of the most widely grown and largely planted of the “salad” vegetables. Requires rich or well manured soil and plenty of moisture for quick growth. In northern States, August and early September plantings may be made almost any time up to December. In the southern half, these sowings can be continued up to October 15th. In Florida and the Gulf Coast sections the best, although in Florida continuous sowings can be made October to February.

Mustard Largely planted in family gardens in both fall and spring. In the more northern sections of the South, August, September and October sowings are best. In Florida and the Gulf Coast sections the best, although in Florida continuous sowings can be made October to February.

Onions Plant sets of the hardy varieties (Yellow Globe and Silverskin) in the northern half of the South in September and October. In the southern half, plant seed of the Bermudas during October. Sets of all the onions can be planted almost any time up to December. Planting should be deferred until weather cools down. It is perfectly hardy, standing any ordinary winter weather, making good growth all through the winter and spring. For Florida and Gulf Coast sections November and December plantings are best.

Radishes In the northern half of Georgia, Alabama, Mississippi, Louisiana and Texas both the Carollinas, succession plantings of radishes may be made every ten days to two weeks from August 15th to October 15th. In the southern half of the South, August plantings can be made up to September 1st. In the northern half of Georgia, Alabama. Mississippi, Louisiana and Texas the bulk of seed plantings may be continued all through the fall and winter, although the best months are October and November. Where the garden has corn holes, radishes to be planted in the fall, leeks can be planted in October, November and December.

Squash We would not advise planting this in the northern half of this general district except between August 1st and 15th. In the southern half plantings can be made up to September 15th. In South Florida the bush squashes can be planted almost at pleasure any time during the fall months.

Spinach Most of our Southern people like “greens” during winter and spring, and for this purpose there is nothing better than spinach. Spinach does not germinate in very warm weather, so that planting should be deferred until weather cools down. It is perfectly hardy, standing any ordinary winter weather, making good growth all through the winter and spring. For Florida and the Gulf Coast sections November and December plantings are best.

Tomatoes Plant in the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and both the Carolinas, succession plantings of tomatoes may be made every ten days to two weeks from August 15th to October 15th. In the south, the best take place during the months of October and November. Where the garden has corn holes, tomatoes to be planted in the fall. In Florida, South West Texas and in the Carolinas in August for maturing before winter.

Turnips This is the old standby in Southern fall gardens. In South Florida, South West Texas, and along the Gulf Coast sections the planting season opens with rutabagas in July and August, followed two or three weeks later by the early varieties of turnips such as Dutch White Egg, Purple Top Flat, etc., followed in September and October by the “salad” varieties like Seven Top and Shogoin.
**Read Directions for Ordering**

**Send All Orders Direct to H. G. Hastings Co., Atlanta, Ga. We Have Absolutely No Agents**

**Liberal Premiums** Please bear in mind that on seeds in packets and ounces only (no quarter-pounds, pounds, or two pounds) the purchaser may deduct 25 cents' worth extra on each dollar sent. This does not apply to orders for collections, prices of which are net. See this Premium Offer on Yellow Order Sheet.

**Cost of Sending Money** In all cases where the order for seed 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 orders, may be deducted from the amount of the order.

**Stamps** On orders of seeds where the amount is less than 50 cents, we will accept U. S. 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 their sticking together or to the order.

**C. O. D. Notice** Absolutely no plants or other perishable goods will be sent C. O. D. We advise against C. O. D. orders because of delays and high collection charges which are unsatisfactory to the customer and expensive to us if uncalled for and returned at our expense. We accept C. O. D. orders for seeds in exceptional cases when 25% of the amount of the order is paid in cash and the balance in post office or mail box it is best to have them come by parcel post.

**About Warranty** H. G. Hastings Co. gives no warranty or guarantee. This applies to orders for collections, prices of which are net. See this Premium Offer on Yellow Order Sheet.

**Applicable to Collections Only** The purchaser may deduct from the amount of the order the cost of postoffice or express money order, or cost of registering the letters from places that are not money orders, and stamps.

**All Expenses to Be Paid In Advance** All expenses to be paid in advance. This deposit is meant to cover collection and return charges in case the order is not called for and paid for by the customer.

**We Pay the Postage** All orders for seeds will be sent by parcel post. We pay the postage and guarantee safe delivery by mail. On all seed, plant, bulb and collection orders, we pay the postage on plants and bulbs except in larger quantities where a “Not Prepaid” price is named.

**You Pay the Postage** When you order over five pounds of seeds, the postage is prepaid. If you send five pounds or less, the postage is your responsibility. The cost of the postage is included in your order. If you send too much, surplus will be returned to you.

**How to Figure Postage** First figure up the weight in pounds on “Not Prepaid” items. You must be careful to figure this correctly, as you are responsible for all postage. If you send too much, surplus will be returned to you.

**Approximate Location of Zones**

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<td>2nd</td>
<td>Tennessee, Georgia, Alabama and Arkansas are in the 2nd zone.</td>
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<td>3rd</td>
<td>Much of the 3rd zone is in the southeastern United States.</td>
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<td>Most of the 4th zone is in the southwestern United States.</td>
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**Parcel Post Zone Rates**

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**Zones are based on the distance you are from the shipping point, Atlanta, Ga.**

- **150 to 300 miles in the 3rd zone.**
- **600 to 800 miles in the 4th zone.**
- **1000 to 1200 miles in the 5th zone.**
- **1400 to 1600 miles in the 7th zone.**
- **1800 to 2000 miles in the 8th zone.**

If you send too much, surplus will be returned to you.
Hastings' Evergreen Lawn Mixture

550 Notice the Evergreen lawn on the front cover page. You, too, can have a beautiful lawn with Evergreen Lawn Grass. Hundreds of the finest and the most humble homes in Atlanta and throughout the South have beautiful lawns the year around and so can you make your home "The Home Beautiful" with a velvety green lawn. Without a green lawn no home is really attractive.

This is our own mixture proved by years of lawn making to be the best for the South. You cannot buy it elsewhere. It makes a quick show and on well prepared soil soon becomes a beautiful velvety lawn. It stands summer heat and drought without serious injury, coming out again when the rains begin. If watered thoroughly once or twice a week during hot, dry weather of course it will stay green all the time, as it does fine without attention during the fall, winter and spring. Follow our "Culture" directions closely and failure will hardly be possible.

PRICES—Pound, 55c. 5 Pounds, $2.25. Not Prepaid—10 Lbs., 40c per Lb. 100 Lbs., 35c per Lb. Prices subject to change.

Complete Lawn Units

For your convenience and so you may be certain you have the right quantity of seed and fertilizers—all that's necessary for a fine lawn—we supply complete units for 1,000 sq. ft. of lawn (50x20 ft.) in any of our Grass Mixtures desired—5 Lbs. Grass Seed, 100 Lbs. Pulverized Sheep Manure, 25 Lbs. Lawn Fertilizer, see "Lawn Culture" directions. F. O. B., Atlanta. Evergreen Lawn Grass Unit—$0.00. Southern Winter Lawn Grass Unit—$0.85. Shady Lawn Grass Unit—$0.35.

Lawn Culture

Sow Hastings' Lawn Grass Mixture this fall and winter, earlier the better, for new lawns or reseeding old lawns. Spade or plow the soil 12 inches deep. Remove all rocks, roots and litter. Apply a mixture of 100 pounds of Pulverized Sheep Manure and 25 to 40 Lbs. high grade fertilizer to each 1,000 square feet, flat 50x20 ft. (Wizard Sheep Manure is subjected to intense heat to destroy weed seeds, disease and all plant life so is best. Sheep Manure is the most concentrated of live-stock manures and is also excellent humus material to retain moisture and available plant food. Hastings' Special Lawn and Garden Fertilizer analyzes 4-12-4, quickly available plant food. Besides its own great plant food value it acts directly on the manure so 2 to 3 times the plant food value is obtained from the manure as would be available without the fertilizer.) Apply this Sheep Manure and fertilizer by spading or plowing. Rake thoroughly, mixing fertilizer with soil and working the soil down smooth, fine and level. Sow seed carefully so not to skip spots.

5 Lbs. of seed will plant 1,000 sq. ft. (50x20 ft.). Plant a plenty of seed or you won't have a thick velvety lawn. Grass seed must not be covered by a firm seed bed. (Total needed per 1,000 sq. ft. of lawn—5 Lbs. Grass Seed Mixture, 100 Lbs. Pulverized Sheep Manure and 25 Lbs. Fertilizer.) Use Peat Moss for finest humus.

FERTILIZERS—See Page 47 for Sheep Manure and Peat Moss. Use them on lawn, garden, flowers and shrubs.

552 Hastings' Southern Winter

For the lower half of the South we recommend the planting of this special mixture, in the fall and winter months particularly, for a velvety green lawn all through the winter and spring until the hot sun of midsummer kills it down, unless regularly watered. These grasses are largely fast growing and make a quicker show than any other mixture. They are all good lawn varieties and will give satisfaction. This mixture is also good for very sunny locations farther North but "Evergreen" is finer and better. In planting, follow Lawn Culture directions above. When you make a lawn, plant it properly. Lawns are easily made if done right. Remember, for a quick show and a heavy green lawn this is the best mixture you can plant. Hastings' Southern Winter Lawn Grass Mixture

PRICES—Lb., 50c. 5 Lbs., $2.00. Not Prepaid—10 Lbs., 30c per Lb. 100 Lbs., 25c per Lb. Prices subject to change.

Other Grasses

See Page 48 for individual grasses and Hastings' Permanent Pasture Mixture. White Dutch Clover for lawns is on Page 43. Our Kentucky Blue Grass, Red Top, Rye Grasses, Fescue, etc., are the heaviest, plumpest, purest seeds the market affords. We do not handle off-grades. Our separate varieties of this foliage after some use in our mixtures and our formulas are definite. That's why prices are subject to change instead of the mixtures.

It pays to plant Hastings' Seeds.
HASTINGS’ ASPARAGUS

1 Palmetto Asparagus Seed A very early and prolific variety which has been the standard variety for many years. Produces large, deep green shoots of the best quality and easily grown from seed. Packet, 10c. OZ., 15c. ½ Lb., 30c. Lb., 75c. 5 Lbs., $3.00.

2 Washington Asparagus Seed Finest, largest Asparagus now grown. Extremely resistant to rust, vigorous grower and the most uniform market type of all so-called rust-resistant varieties. This is without doubt the best Asparagus grown today, giant sized, high-yielding and very tender. Packet, 10c. OZ., 15c. ½ Lb., 30c. Lb., $1.50. 5 Lbs., $8.00.

BUSH BEANS

14 Hastings’ Excelsior Refugee Bean For late summer and early fall plantings; early and heavy bearing. More resistant to hot summer sun and wet conditions than any other Bean. Vigorous grower; medium-sized round green pods of fine flavor; holds pods well off the ground. Desirable for the home garden, a money-maker for local markets or shipment. Packet, 10c. ½ Lb., 30c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), $1.75. 60 Lbs. (bu.), $8.00. 100 Lbs., $10.00.

25 Hastings’ Extra Early Red Valentine South for home use, marketing and shipping. Erect growth, holding pods off the ground, uniform in size and maturity; 5 to 6 inch, round, meaty pods of good flavor. Splendid early heavy bearer. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), $1.75. 60 Lbs. (bu.), $8.00. 100 Lbs., $10.00.

23 Extra Early Black Valentine 6-inch, slender, round, almost straight, stringy pods. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), $1.75. 60 Lbs. (bu.), $8.00. 100 Lbs., $10.00.

6 Hastings’ Stringless Green Pod The highest quality bean of them all. It’s the only variety we plant in our own gardens. Too tender for best shipping, but it has no equal for home use and nearby markets. Early, prolific, round, smooth, 5-inch stringless pods of the finest flavor. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), $2.40. 60 Lbs. (bu.), $8.40. 100 Lbs., $14.00.

12 Giant Stringless Green Pod Early: a few days later than Hastings’ Stringless, slightly longer and straighter pods. Large, vigorous, spreading plants, producing many large, nearly round, medium green pods of very good quality for snaps. Matured seed is long, slender and dark yellow. Not as fine quality as Hastings’ Stringless, but quite suitable for home use and market. Entirely stringless. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), $2.40. 60 Lbs. (bu.), $8.40. 100 Lbs., $14.00.


20 Sure Crop Stringless Wax Very prolific and the finest Wax Bean. Handsome, rich yellow, 6 to 7-inch pods, almost round, very meaty and sweet; stringless at all times. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), $2.70. 60 Lbs. (bu.), $9.00. 100 Lbs., $16.00.

30 Rust-Proof Golden Wax Our improved strain of Golden Wax; rust-proof to a remarkable degree. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), $2.70. 60 Lbs. (bu.), $9.00. 100 Lbs., $16.00.


Wax beans have a delicious creamy or but¬tery flavor. Try them.
POLE SNAP BEANS—DRY SHELL BEANS

Many home gardens neglect a splendid opportunity in late summer and early fall. All these beans bear heavily and if pods are left to fully mature, there is an abundance of dry shelled beans. The same is true of lima or butter beans.

15 Kentucky Wonder Pole Bean ALSO CALLED OLD HOMESTEAD AND TEXAS PROLIFIC. This superb pole snap bean is known under all three of these names. A most profitable pole, green, snap bean for you to plant any time from April to August. Planted in late summer or early fall it begins to bear in about 50 days. All through the fall and until frost it puts on heavier crops of its extra large, fine flavored pods than from early spring planting. Pods are green, round, well rounded out, meaty, tender, practically stringless and grow 6 to 12 inches long. Immensely prolific, a peck having often been picked from a single vine, our Illustration giving a splendid idea of its productiveness. Packet, 10c, $1.50, 25c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs. (pk.), $3.50, 60 Lbs. (bu.), $13.50. 100 Lbs., $25.00.


5 Kentucky Wonder Wax Pole Bean Yellow podded form of Kentucky Wonder Pole Bean. Heaviest bearing Pole Bean in existence, and the best. The large pods fill perfectly and in snap stage are deep green, meaty, stringless and of delicious flavor. Vines continue to bear throughout the season if kept closely picked. On full maturity, the pure white shell beans are excellent for winter use. Packet, 15c. $2.00, 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered in all respects. Pods long, thick, meaty, stringless, deeply saddle-backed, buttery flavor and very prolific. Packet, 10c. $1.50, 25c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs., $3.75. 60 Lbs., $12.00. 100 Lbs., $20.00.

26 McCaslian Pole Bean Heaviest bearing Pole Bean in existence, and the best. The large pods fill perfectly and in snap stage are deep green, meaty, stringless and of delicious flavor. Vines continue to bear throughout the season if kept closely picked. On full maturity, the pure white shell beans are excellent for winter use. Packet, 15c. $2.00, 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered in all respects. Pods long, thick, meaty, stringless, deeply saddle-backed, buttery flavor and very prolific. Packet, 10c. $1.50, 25c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs., $3.75. 60 Lbs., $12.00. 100 Lbs., $20.00.


27 Florida Butter Bean The only other Pole lima sure to set pods from earliest blooms. Will make crop under conditions that cause others to fail. Seeds of Small Lima size, but speckled white and brownish red. Florida Butter Bean is resistant to Bean Beetles. Packet, 10c. $1.50, 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs., $3.75. 60 Lbs., $12.00. 100 Lbs., $20.00.

LIMA OR BUTTER BEANS

8 Yopp Pole Lima Try this Kentucky variety. Sets pods from first blooms even in lower locations. Bears heavily early to late. Quality fine when green or dry; medium sized white seeds. Packet, 15c. $1.50, 25c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs., $3.75. 60 Lbs., $12.00. 100 Lbs., $20.00.


19 EARLY WONDER—PROLIFIC NAVY BEAN The first thoroughly satisfactory white seeded shell bush bean for the South. Also good for snaps; 16 to 20 in. high; pods do not shatter or rot on vines. Crop ripens uniformly and may be cut, dried and threshed. Packet, 10c. $1.50, 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs., $3.50. 60 Lbs., $12.00. 100 Lbs., $20.00.

BUSH BUTTER BEANS

17 Jackson Wonder Bush Lima Bean Most prolific of all bush limas; of Georgia origin and fully adapted to all parts of the South. Flourishes in dryest weather and practically drought proof. Flavor rich and delicious. A perfect bush butter bean growing 10 to 12 inches high. Begins blooming early; continues to bear until frost kills the plants. Good for summer use or as a winter shell bean. Seed of brownish color. Packet, 10c. $1.50, 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), $3.50, 60 Lbs. (bu.), $12.00. 100 Lbs., $20.00.

7 Henderson Bush Lima Smallest but most prolific of all the white seeded varieties, being a true bush form of the Small Lima or "Sieva." Very early, beginning to bear in about 60 days from planting and is one of the most popular varieties of 'butter beans for home, canning and market use. Pods are small, about 3 inches long, generally with 3 or 4 small, flat, white beans. Packet, 10c. $1.50, 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), $2.50, 60 Lbs. (bu.), $9.00. 100 Lbs., 15.00.

33 Fordhook Bush Lima Generally considered the best of the large seeded bush lima varieties. Bushes of strictly erect habit, branching freely with all the branches held upright. This is a true bush form of what is known as the pole or large, thick seeded, bush lima. From four to six days earlier than other varieties of this class. Pods about 5 inches long are found in clusters of four to eight and are well filled with 4 to 5 delicious large beans that in quality surpass by far all the other lima beans. You will make a mistake if you don't plant Fordhook Bush Lima. Packet, 15c. $2.50, 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs. (pk.), $4.10, 60 Lbs. (bu.), $15.60. 100 Lbs., $26.00.

34 Improved Burpee Bush Lima A true and improved bush form of the large white lima pole bean with extra large seed beans. The plants are vigorous and productive; very large pods, 5 inches long, usually contain 4 large, thick beans of excellent quality. Seed shows a greenish white tinge which is considered a sign of superior quality. Packet, 15c. $1.50, 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs. (pk.), $4.00, 60 Lbs. (bu.), $15.00. 100 Lbs., $25.00.
HASTINGS' SUPERIOR BEET SEED

Culture
Sow in rich or well-manured garden ground after same has been deeply plowed or spaded. Sow in rows 18 inches to 2 feet apart, scattering seed thinly. In this latitude sow from July to September 15th; in Florida and Gulf Coast sections, plantings can be made from September to January. Seed is rough and the soil should be firm or rolled if the ground is dry. When two or three inches high thin out to four or five inches apart in the row. Young beet plants are superior to spinach and turnips for "greens." In light sandy soils, cover seed 2 inches. Quantity of seed required: 1 oz. to 60 feet of row; 6 to 8 Lbs. per acre. Maturity, 6 to 11 weeks.

45 Hastings' Improved Blood Turnip Beet Also called DETROIT DARK RED.
Hastings' introduced this splendid variety to America, although it is called Detroit Dark Red by many other seed houses.
SPECIAL STRAIN. Our special strain of this most satisfactory and best of all beets is far superior to other strains. It holds its dark red color all the way through much better than others and is the most uniform, ideally shaped beet grown. It will pay you to use Hastings' strain for market or garden use.
Most popular variety for home use and nearby markets. Color a deep blood red. A fine even rooting variety. It is tender, clean smooth and keeps for a long time after maturity. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., $1.00. 5 Lbs., $4.00. Write for quantity prices.

46 Hastings' Crimson King
Our special strain of this most satisfactory and best of all beets is especially desirable. It holds its dark red color all the way through much better than others and is the most uniform, ideally shaped beet grown. It will pay you to use Hastings' strain for market or garden use.
Most popular variety for home use and nearby markets. Color a deep blood red. A fine even rooting variety. It is tender, clean smooth and keeps for a long time after maturity. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., $1.25. 5 Lbs., $5.00. Write for quantity prices.

47 Early Wonder
Very early dark red beet, similar to Crosby Egyptian in tapering globe shape. Its earliness and rich color make it a favorite with market gardeners especially, but it is also a sweet and tender variety for the home garden. The tap root is very small and the beet itself is of very desirable shape for bunching. The tops are small. Early Wonder has come right to the front as one of the best Beets for market and home use. Its earliness and deep color make it uniformly desirable. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., $1.25. 5 Lbs., $5.00. Write for quantity prices.

48 Hastings' Improved Blood Turnip Beet
Also called DETROIT DARK RED.
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SPECIAL STRAIN. Our special strain of this most satisfactory and best of all beets is far superior to other strains. It holds its dark red color all the way through much better than others and is the most uniform, ideally shaped beet grown. It will pay you to use Hastings' strain for market or garden use.
Most popular variety for home use and nearby markets. Color a deep blood red. A fine even rooting variety. It is tender, clean smooth and keeps for a long time after maturity. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., $1.00. 5 Lbs., $4.00. Write for quantity prices.

49 Long Smooth Blood Beet
An old-time favorite in the South: long, smooth, blood red roots, enabling it to resist drought and heat. This beet can be stored or banked for later use, as it keeps well. Although large, it is of exceptional quality and flavor. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., $1.00. 5 Lbs., $4.00. Write for quantity prices.

43 Swiss Chard Beet or Sea Kale
Grown for its leaves only as it does not make a bulky root. The leaves grow large and upright and as the outer leaves are cut more come from the center. The midrib of each leaf is large and almost white and after trimming can be cooked and served like asparagus. The leaf part can be cooked like spinach or turnip greens, or the whole leaf can be boiled and served as "greens." They are delicious. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., $1.25. 5 Lbs., $5.00. (43) Swiss Chard Beet or Sea Kale for Greens

MANGELS AND HALF SUGAR MANGEL BEETS

41 Jumbo Long Red Mangel
Largest and heaviest yielder in the South of all the true Mangel beets. Root clays not over 1 inch. Quantity of seed required: 1 oz. to 60 feet of row; 6 to 8 Lbs. per acre. Maturity, 6 to 11 weeks. Write for quantity prices.

51 White French Half-Sugar Mangel
While possibly not quite as heavy a yielder per acre as the Jumbo Long Red, its very considerable sugar content makes it especially valuable in fattening cattle and insuring a flow of richer milk in dairy or milk cows. It is easily grown in the South as the garden variety of beet and should be let grown to full maturity to secure the largest yields. Roots are very large, smooth, clean skin of oval shape and grow with the top of the bulb two or three inches above ground and consequently are more easily pulled. Oz., 10c. ¼ Lb., 20c. Lb., 60c. 5 Lbs., $2.40. Write for quantity prices.

Note
You need and want the highest quality beet seed you can get for market crops or for the home garden. Hastings' Beet Seed is bred and carefully selected to give you the finest formed beets grown.

44 Half-Long Blood Beet
A favorite for late use, intermediate length between Improved Blood Turnip and Long Smooth. Color a deep blood red, smooth and free from stringiness. It is tender, sweet and keeps for a long time after maturity. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., $1.00. 5 Lbs., $4.00. Write for quantity prices.

42 Crosby Early Egyptian
A vast improvement over the old Extra Early Egyptian. Ready for use before any other except the old variety and of far better quality.
**Broccoli**
A vegetable very closely related to Cauliflower, from which it came. Give the same culture as for Cauliflower, and in the South, if you are an expert Cauliflower grower. Broccoli will make a surer header for you. Many are also kept for growing Cauliflower by the high price of the seed. To those we recommend Broccoli.

**56 White Cape Broccoli**
The Cape Broccoli is the best type for the South. The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of fine quality. Packet, 15c. ½ Oz., 35c. Oz., 60c. ¼ Lb., $2.00. Lb., $7.50. 5 Lbs., $30.00.

**57 Green Sprouting Broccoli**
Especially desirable for late summer and fall planting in Florida and the Gulf Coast section. The “sprouts” are miniature cabbages growing closely on the stalk of the plant, a small head being formed at each leaf joint. Plants are quite hardy and live through the winter in the lower South. Quality and flavor are much improved by frost. Sow seed in July, August or September and when plants are four to six inches high transplant to open ground.

**59 Improved Dwarf**
A most desirable variety for the South. Sprouts are 8 to 10 inches high, producing compact “sprouts” of finest quality. Packet, 10c. ½ Oz., 25c. ¼ Lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

**131 CHERVIL CURLED**
Aromatic plant for seasoning or used unblanched. After central head is cut, branches with smaller heads form. Gather as required to keep heads large. Quality is fully equal to Parsley; finely curled, double, early maturing, fragrant; and fine for flavoring soups and garnishing meats or vegetables. Broadcast in October or November for winter or spring use. Packet, 10c. Oz., 25c. ½ Lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

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**Brussels Sprouts**
Especially desirable for late summer and fall planting in Florida and the Gulf Coast section. The “sprouts” are miniature cabbages growing closely on the stalk of the plant, a small head being formed at each leaf joint. Plants are quite hardy and live through the winter in the lower South. Quality and flavor are much improved by frost. Sow seed in July, August or September and when plants are four to six inches high transplant to open ground.

**59 Improved Dwarf**
Most desirable variety for the South. Cabbage-Sprouts largely solves the difficulty. We have originated and are now offering the most desirable variety, the “Improved Dwarf.” It will pay you to have a Sprout patch to give your cows an occasional taste of “green stuff.” Sow any time up to September 15.

**136 GEORGIA CABBAGE—Collards**
A vegetable very closely related to Cauliflower, from which it came. Give the same culture as for Cauliflower, and in the South, if you are an expert Cauliflower grower. Collards will make a surer header for you. Many are also kept for growing Cauliflower by the high price of the seed. To those we recommend Collards.

**56 White Cape Broccoli**
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**CAULIFLOWER**
Cauliflower is one of our most delicious garden vegetables. Many have had the mistaken idea that it is hard to grow. Anyone can be reasonably sure of success with Cauliflower when planting Hastings' Seeds and it is away ahead of cabbage in quality and flavor.

We import all of our Cauliflower seed direct from the most reliable growers in Europe. No Cauliflower seed of value is produced in America and the best seed of Europe is needed for success.

**Culture**
Does best in rich well-tilled soil; will do in a well-manured soil. Sow in seed bed same time as you would cabbage. Transplant when 3 to 4 inches high: give plenty of water in dry weather. Keep wet, hoe thoroughly and often. In Florida and along the Gulf sow the seed in September, October and November. The plants will stand light frosts and should be planted so as to head in cool weather because they will not head properly in hot weather. One ounce of seed will make 1,000 good plants. Set plants about 18 inches apart in row. Matures in 3 to 4 months.

**85 Hastings' Gilt Edge**
Is “Gilt Edge” in every respect. It is the largest, most perfect, and surest header of all the early varieties, and in quality it is unexcelled. One specimen was sent to our store by a gardener which, when the leaves were trimmed off, weighed 7 pounds and 8 ounces.

In general appearance Gilt Edge is like Snowball, but is larger, a sure header, and stands much longer without decay than any other. Cauliflower should be more generally grown and there is no variety equal to Gilt Edge where a sure crop of the finest quality is wanted. Packet, 35c. ¼ Oz., 75c. ½ Oz., $1.25. Oz., $2.25. ¼ Lb., $8.00. Lb., $30.00. 5 Lbs., $120.00.

**86 Early Snowball**
Value to the Gilt Edge Packet, 10c. ½ Oz., 25c. ¼ Lb., $1.15. Oz., $2.00. ¼ Lb., $7.50. Lb., $28.00.

**87 Paris White**—Medium size heads; fine quality for early gardens. Packet, 10c. ½ Oz., 60c. Oz., $1.00. ¼ Lb., $3.00. Lb., $10.00.

**88 Le Normand's Short Stem**—Very firm, large, late. Packet, 10c. ½ Oz., 25c. ¼ Lb., $7.00. Lb., $16.00.

**89 Large Late Algiers**—Very large, heat resisting. Packet, 10c. ¼ Oz., 40c. Lb., 75c. Lb., $2.00. Lb., $6.00.

**90 Autumn Giant**—Favorite, large, late variety. Packet, 10c. ½ Oz., 35c. ¼ Lb., $7.00. Lb., $16.00.
250,000 PLANT HASTINGS' CABBAGE

We have only one grade—the very best seed that can be grown. For success in Cabbage growing you must plant the right seed.

CABBAGE CULTURE

For early cabbage to be sown in boxes very early, kept in sheltered spots and covered when there is danger of freezing. Later plantings may be made in open ground as early as ground can be worked. Work soil in seed beds as fine as possible. Beds should be slightly raised for drainage. Do not fertilize soil in seed beds to make it any richer than the open ground in which the crop is to be grown.

Sow seed in drills 6 inches apart across the bed, dropping the seed 3 or 5 to the inch. Thicker sowings than this mean splintering, unhealthy plants. Cover seed about 1/4 inch in heavy soils, 1/2 inch in light sandy soils; firm the soil after covering and then water the bed thoroughly. Keep beds moist but not soaking wet. Seed germinates in 3 to 8 days, according to weather. Keep young plants growing steadily from the start. When plants have made the fourth or fifth pair of leaves transplant to open ground. One ounce of seed usually makes at least 1,000 good strong plants. Sew 1/4 to 1/2 lb. of seed for plants to set one acre. For Success, Plant Dependable Seed.

105 HASTINGS' LONG ISLAND WAKEFIELD

Largest, earlist and most hardy of any of the large Wakefield varieties. Earlier, larger and firmer headed than other strains of Charleston Wakefield, 1/2 to 2 pounds heavier, firmer, better shaped and more solid than our selected Early Jersey Wakefield. In good soil and favorable weather conditions it is often ready for use in 50 days from transplanting. It is the right variety for those desiring the finest pointed cabbage, it makes a splendid first early cabbage for home use. Leaves rather large, smooth and thick. Plants are of medium size, vigorous and slightly spreading. Heads are blunt pointed and of fine size and shape of head have made it popular market gardeners' favorite. We believe that this is the very best pointed cabbage there is grown and our strain of seed is the best. Packet, 10c. 1/2 oz., 20c. oz., 30c. 1/4 lb., 90c. lb., $2.75. 5 lbs., $11.00.

106 EARLY JERSEY WAKEFIELD

Almost every one knows the popular Early Jersey Wakefield Cabbage. Comparatively few know the superiority of the strain of this variety. It's grown with the greatest care, and a well-cultivated crop shows the greatest regularity of size, shape and solidity. If you are growing the Early Wakefield you cannot afford to be without our extra select seed. It pays to use it. Packet, 10c. 1/2 oz., 20c. oz., 30c. 1/4 lb., 90c. lb., $2.75. 5 lbs., $11.00.
120 HASTINGS’ GENUINE SUREHEAD

Probably the most popular and most generally planted cabbage in the South. It is the result of a cross between Early Flat Dutch and one of the Drumhead varieties, resulting in a superb medium-sized hard-headed cabbage of mid-season maturity. Surehead is an exceptionally good variety for late summer and early fall plantings in Florida and Gulf Coast sections for maturing in winter. A very vigorous grower, uniform in size, shape and color. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¾ Lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

116 Succession

Medium to large size, solid and a reliable sort which holds up well after being cut. Good late summer variety. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¾ Lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

100 All Seasons

As improved, is now a most valuable cabbage for the South. Heads are large and solid; flattened on top. It is a good, reliable header and resists heat and drought. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¾ Lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

101 HASTINGS’ SURE CROP

Earliest of all the large round flat varieties. Equally good for home use or shipment. On good rich soil with proper cultivation it makes heads weighing from 8 to 12 pounds. Very firm and solid, uniform in shape, and well flattened. Quality is most excellent, being crisp and tender and when rightfully cared for scarcely a plant fails to form a good head. Color a dark green, holding up well after being cut. Good late summer variety. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¾ Lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

117 Blood Red

Best red Cabbage. Erfurt Medium size and sure heading variety. Largely used for pickling purposes, but fine for all Cabbage uses. Packet, 10c. ½ Oz., 20c. Oz., 30c. ½ Lb., 90c. Lb., $3.00. 5 Lbs., $15.00.

110 HASTINGS’ CENTENNIAL FLAT DUTCH

This is beyond question the best of the large cabbages to plant for winter and spring maturity in the South. It is both a heat and cold resistant sort and its exceeding great vigor in growth makes it a success under conditions where other varieties fail. It’s a large, well-flattened type of cabbage that holds up fine in long-distance shipping. On very rich soil there is a tendency to grow too large, but this is easily controlled by rather close planting. This is the variety that takes so many prizes, but fine for all Cabbage uses. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¾ Lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

111 Danish Ball Head

A handsome hardy, late cabbage, medium-sized, very hard heads. Irregular growth of plant, which, however, does not seem to affect its valuable, hard-heading qualities. Packet, 10c. ½ Oz., 20c. Oz., 30c. ½ Lb., 90c. Lb., $3.00. 5 Lbs., $12.00.

126 Chinese Cabbage

Pe Tsai - Chokurei

The leading variety for home and market use. Finest in flavor and quality of all cabbages. Stripping off the outer leaves, you have a picture of lettuce and celery (mid-ribs) combined—cool, crisp and inviting. Cook like cabbage, use for salads, as celery or asparagus. Heart is pure white, tender, sweet and delicate in taste. Very hardy and will keep over winter if stored in a good cellar. Plant in early fall in Florida and along the Gulf Coast. It is delicious and should be in every home garden. Packet, 10c. ½ Oz., 20c. Oz., 30c. ½ Lb., 90c. Lb., $3.00. 5 Lbs., $12.00.

HASTINGS’ BIG 4 Cabbage Collection

“Big 4” Finest Varieties

Four varieties: Stein’s Early Flat Dutch. Long Island Wakefield, Hastings’ Copenhagen Market and Centennial Late Flat Dutch have been known for years as HASTINGS’ “Big 4” and planted by tens of thousands of Southern gardeners. It has given an all season’s supply of cabbage, early, medium and late for everyone who has planted it. At catalog prices these four packets of the best varieties would cost you 40 cents. We will send you these four packets for 25 cents, postpaid. In buying our “Big 4” Cabbage Collection you get the biggest and best value in good cabbage seed offered by any seed house. Include it in your order this fall. If you don’t want to plant all the varieties this fall the seed will be all right for spring planting. While these Big 4 varieties of Cabbage are all first-class for early spring planting they are equally good for summer and early fall plantings. You will make no mistake in ordering HASTINGS’ “Big 4” Cabbage Collection this fall. It is great value for the money and you can’t get HASTINGS’ SEEDS anywhere but direct from HASTINGS’. Don’t wait, expecting to go up to your merchant at planting time and get them. They won’t be there. HASTINGS’ SEEDS are never put up in boxes to be sold in the stores. You can only get HASTINGS’ SEEDS direct from HASTINGS’ in Atlanta. We have no agents. Send your order to Atlanta. You will then know exactly what you are getting—the BEST.

BIG 4 CABBAGE COLLECTION, 25 CENTS.
HASTINGS’ CARROT SEED

The Carrot is a particularly wholesome vegetable.

Culture

Carrots deserve a more general cultivation in the South. The young, tender roots are excellent stewed or boiled, either alone or with meat, as well as for seasoning and for flavoring soups. Select rich or well manured soil worked deep, because the first crop is the best and the soil should be deep enough to allow the roots to penetrate the soil without difficulty. Sow in shallow drills, 16 to 18 inches apart in August and September. In Florida and along the Gulf Coast sow seed from September to December. Make several sowings about two weeks apart so you will have a succession crop. When plants are well started, thin the rows four inches apart and keep them free from weeds and grass. Sow 1 ounce of seed to 100 feet of row. Carrots mature from 6 to 10 weeks from planting.

65 Chantenay

This fine stump-rooted variety is the best of its class. It’s a half-long sort unexcelled in quality and productivity. Very uniform in growth. Flesh deep golden orange color. Roots 3 inches in diameter at top, about five inches in length, gradually tapering in a very symmetrical manner. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.00. 5 Lbs., $4.00.

66 Oxheart or Guerande

The Famous Stump Rooted Variety. This fine variety is the best of the shortened, thick-formed carrots. Roots are four inches wide at top and taper to a 2-inch diameter at bottom. Length from five to six inches. Roots are very free from hard core and of the finest quality for table use. Both skin and flesh are highly colored. Being very short they are easily pulled from the ground where the long sorts often have to be dug. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.00. 5 Lbs., $4.00.

67 Red St. Valery

Drought Resisting Favorite. Roots very smooth and regular in growth, of large size, from 10 to 12 inches in length, and from 2 to 3 inches in diameter at top. Rich, deep coloring and free from hard core. A favorite with our customers, especially in drouth sections. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.00. 5 Lbs., $4.00.

68 Danvers Intermediate

Bright orange color, very smooth and finely produced. Roots more to the acre than any other half-long variety. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.00. 5 Lbs., $4.00.

69 Improved Long Orange

Old, well-known variety. Roots long and of a deep rich orange color. A very heavy cropper, so heavy in fact, that it is profitable to grow for stock feed, while in quality it is a table carrot. Packet, 5c. Oz., 10c. 1/4 Lb., 30c. Lb., $1.00. 5 Lbs., $4.00.

CUCUMBERS—See Page 21.

We sell large quantities of our famous Cucumber Seed each fall in the lower South. See Page 21.
HASTINGS' EGGPLANT

Profitable crop for late fall and winter shipment from South Florida. For October to January shipment seed is sown from July to September. Plant 1/2 pound of seed for plants for one acre. One Packet of seed furnishes plants for 100 feet row. Ready in about 120 days.

190 Hastings' Improved Large Purple

Thornless Eggplant The standard for purity and excellence. It has been grown since 1896 by market gardeners with profitable results and in home gardens with entire satisfaction. Our seed is pure and the plants over 90% thornless. A properly cultivated crop streaked or off-colored fruits are almost unknown. Plant large, strong and vigorous, producing 5 to 8 large fruits of dark, rich purple color. The earliest large fruited variety; the vigor of this variety makes it less subject to "blight" and "dieback," disasters in many sections. Packet, 10c. 1/2 oz., 25c. oz., 45c. 1/4 lb., $1.50. 5 Lbs., $6.00.

188 Florida Special Eggplant

Earliest high-bush or tree type, maturing in about 110 days. More vigorous than Black Beauty but resembles it in handsomely shaped, rich lustre, dark purple-black fruit. Very prolific, a fine shipper and seems to stand sun and heat better than others. Packet, 10c. 1/2 oz., 25c. oz., 45c. 1/4 lb., $1.50. 5 Lbs., $5.00.

189 Florida High Bush Eggplant

and stand bad weather remarkably well. "Eggs" grow higher off the ground than others, keeping out much rot and blight. Fruit is uniform dark purple and very attractive. Excellent for slicing with tender fine quality and no waste. Packet, 10c. 1/2 oz., 25c. oz., 45c. 1/4 lb., $1.50. 5 Lbs., $5.00.

191 Black Beauty Eggplant

Popular and very desirable for the market because the fruits hold their dark, rich, purple color a long time. These are almost as large as our Improved Large Purple and slightly earlier; symmetrical in shape, prolific and of good quality. Packet, 10c. 1/2 oz., 25c. oz., 45c. 1/4 lb., $1.50. 5 Lbs., $5.00.

ENDIVE

One of the best salads for fall and winter use and very desirable for greens, flavoring soups and stews. Finest and most wholesome for salads and flavoring. Packet, 10c. oz., 15c. 1/2 lb., 40c. lb., $1.25. 5 Lbs., $5.00.

192 Escarole, Broad Leaved

Batavian

This Endive variety has wide, twisted or waved bright green leaves, with thick, nearly white midribs. The inside leaves in a head which blanches creamy white. Crisp and tender, desirable for garden or market. Packet, 10c. oz., 15c. 1/2 lb., 40c. lb., $1.25. 5 Lbs., $5.00.

KALE OR BORECOLE

FOR WINTER GREENS

Kale is more hardy than cabbage and will stand through the entire winter in any ordinary season in the central and lower South. Sow the seed thinly in drills in September and October and you should have no trouble in gathering almost any crop. Gather bulbs while skin is tender, slice, and cut off the hard lower portion. Seed can be sown thinly in rows where plants are to stand and thinned to six inches apart or sown in beds and transplanted like cabbage. Sow 1/2 ounce to 100 feet of row; 2 Lbs. per acre. Matures in 8 to 9 weeks.

200 Early Green Curled

SIBERIAN KALE—Usually sown in the fall for spring use. It is rather low growing with fine curled leaves of deep green color. The young leaves are tender and delicate in flavor. Easily the best Kale and for delicious "greens." Packet, 5c. oz., 10c. 1/2 lb., 25c. lb., 40c. 1/4 lb., $3.60.

KOHRLABI

lower South and Florida it can be easily grown with August to October sowings. Seed can be sown thinly in rows where plants are to stand and thinned to six inches apart or sown in beds and transplanted like cabbage. Sow 1/2 ounce to 100 feet of row; 2 Lbs. per acre. Matures in 8 to 9 weeks.

202 Early White Vienna Kohl-Rabi

Bulbs are of a pale, whitish green color. They are hardy and you can have nice, tender bulbs all through the fall. Gather bulbs while skin is tender, slice, and cut off the hard lower portion. Bulbs are of very mild, delicate, cabbage-like flavor, most delicious. Packet, 10c. oz., 25c. 1/2 lb., 75c. lb., $2.50. 5 Lbs., $10.00.

LEEEKS

Hardy onion-like plant that does not make a bulb. It has a long, well-thickened neck resembling young onions, but much larger and thicker. When plants begin to get some size the earth should be drawn up around the necks to blanch the stems white and increase the tenderness and fine flavor. Sow one ounce to 100 feet of row.

203 Large Carenten Leek

Grows to large size, the stems large and thick. In rich soil, well earthed up, the edible portion is 8 to 12 inches long by 2 to 3 inches across. Packet, 10c. oz., 25c. 1/2 lb., 75c. lb., $2.50. 5 Lbs., $10.00.
LETTUCE FOR HOME, GARDEN AND MARKET

Lettuce seed is one of our great specialties, and in addition to supplying over two hundred thousand family gardens each year we sell thousands of pounds of highest grade lettuce seed to shippers and market gardeners. Our great market varieties, BIG BOSTON, HASTINGS' DRUMHEAD, FLORIDA HEADER, DIXIE HARD HEAD and CALIFORNIA CREAM BUTTER, are supreme. The high quality of HASTINGS' Lettuce Seed is known everywhere in the South where Lettuce is grown for purity, hardness of head and slowness to run to seed. Our lettuce seed is all grown in California by our growers, whom we consider the most careful lettuce seed grower in the world, and the growing crops are personally inspected by our Mr. Hastings or Mr. Freeborn so as to insure the quality being kept up to the Hastings' standard. Do you know of any seed firm where the head of the house, or another officer will travel over 6,000 miles each year to see that every possible care is taken to have the lettuce seed just right?

210 BIG BOSTON Big Boston is of the Butter Head type. Ours is perfection in this variety, and you cannot buy any Big Boston Lettuce at any price that is superior to our strain. The heads of this strain are so firm and compact that almost every head has to be cut open before the seed stalks can grow. It is a standard market garden and shipping variety, grown almost exclusively in many sections for shipment and for market. Extra large, round, firm heading variety, and makes a good appearance in market. Our seed of this variety is grown for us by a lettuce seed specialist whom we consider the best in the world. Our seed of Big Boston is the surest and hardest heading stock that you can obtain. Packet, 10c. Oz., 20c. 1/2 Lb., 50c. Lb., $1.50. 5 Lbs., $6.00.

216 HASTINGS' ICEBERG CRISP LEAF TYPE—For forcing or for home gardens. A beautiful as well as useful variety. Exceedingly crisp and tender, growing a long time before running to seed. Known as a "crisp-leaved" hard-header. Splendid for open ground planting or for forcing. Heads of crinkled leaf shape and medium size. Heads tightly fold and blanch to a beautiful white. Outer leaves are crinkled and light green, growing closely up around the head. Packet, 10c. Oz., 20c. 1/2 Lb., 50c. Lb., $1.75. 5 Lbs., $7.00.

215 Hastings' Florida Header BUTTER HEAD TYPE—A leading Lettuce for home and market. Heads quickly, slow to run to seed, resistant to heat and cold. Crisp, tender, wonderful appearance, and there is no better large solid header. Packet, 10c. Oz., 20c. 1/2 Lb., 50c. Lb., $1.50. 5 Lbs., $8.00.

225 May King BUTTER HEAD TYPE—Medium small, light green, tinged very slightly at edges with brown. Early and especially suitable for all outdoor culture in the South, heads attaining a size suitable for use before other sorts in open ground. Also extensively used for forcing, forming very firm heads of medium size and excellent quality in the shortest time. May King is a very compact grower and is very desirable for home garden use as well as for marketing. Packet, 10c. Oz., 20c. 1/2 Lb., 50c. Lb., $1.50. 5 Lbs., $6.00.

212 Hastings' Superba BUTTER HEAD TYPE—The biggest lettuce heading variety, especially resistant to heat. Outside leaves light green, becoming more and more yellow towards the center. Especially desirable for home gardens and markets; but not for shipment. For crispness, tenderness and freedom from bitterness it is unexcelled. Packet, 10c. Oz., 20c. 1/2 Lb., 50c. Lb., $2.00. 5 Lbs., $8.00.

211 DIXIE HARD HEAD header that it is very difficult to get it to produce seed. In general character much like California Cream Butter, but is a much harder header, presents better appearance in market, and is slower than any other variety to run to seed. Each year we are more impressed with its great value for home or market gardeners. Large, solid heads. Packet, 10c. Oz., 20c. 1/4 Lb., 50c. Lb., $1.50. 5 Lbs., $6.00.

Remember—Good Gardens Come from Good Seeds.
209 Mignonette Lettuce CRISP LEAF TYPE — A delightful first early, delicious, curled or crisp, small heading lettuce especially adapted to outdoor winter crop growing in the lower South and for cold-frame culture further north. Leaves are quite crumpled and form a small but very compact hard head which is very slow to run to seed. Excellent quality, with bronzed outer leaves. Packet, 10c. OZ., 25c. ¼ LB., 75c. LB., $2.50. 5 LBS., $10.00.

208 CHICKEN LETTUCE LOOSE LEAF BUTTER TYPE—See the picture of this medium green, curly leaf, cutting lettuce. It is called “White Early for Picking” in Europe, where it originated. It produces the largest mass of leaves of any known variety: it is not a spreading habit, and is the largest plant of lettuce in cultivation at maturity. Eating quality is lacking. Its great value is for green feed for poultry, pet stock and occasional greens for live stock. Packet, 10c. OZ., 20c. ¼ LB., 50c. LB., $1.50. 5 LBS., $6.00.

Well Known Varieties of Lettuce

214 GRAND RAPIDS—LOOSE LEAF TYPE FOR CUTTING.
219 PRIZE HEAD—LOOSE LEAF TYPE FOR CUTTING.
223 BLACK SEEDED SIMPSON—LOOSE LEAF TYPE.
222 IMPROVED HANSON—CRISP LEAF TYPE.
213 BROWN DUTCH—BRONZE COLORED LETTUCE.

217 WHITE PARIS COS

This is true Romaine, the Celery Lettuce. Crisp, tender leaves and delicate flavor. Try some this fall. Fine. Packet, 10c. OZ., 20c. ¼ LB., 60c. LB., $1.75. 5 LBS., $7.00.

275 “TENDERGREEN”

278 Giant Southern Curled Mustard

HASTINGS’ COMBINATION SALAD

280 “Greens” or “Salad” is wanted more than anything else we sell for late summer and fall plantings. Most people like a variety of greens for both spring and fall plantings and just lots of our good customers in and around Atlanta come in our local store and ask us to mix them up a combination and sell them all at the same time, either in rows or broadcast, and have good tender greens for boiling for a long time.

HASTINGS’ MUSTARD FOR WINTER SALAD

Mustard is used as a condiment but the chief use is for greens or salad. The green leaves are boiled like Spinach or Turnip tops and make one of our most popular greens. Plant a plenty and it is well to make your own combination.

Culture

Sow in any good garden soil thickly in drills 14 to 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves are large enough to use as a salad in from four to six weeks from sowing, and can be cut all through the winter. Sow August to November for fall and winter greens, and January to April for spring and summer greens. Plant one ounce of seed to 200 feet of row.

278 White Mustard

This is the variety the seeds of which are used in pickling for family use, and the seed when ground up compose what is known as “mustard” in the stores. Packet, 5c. OZ., 10c. ¼ LB., 25c. LB., 75c. 5 LBS., $3.00.

Quantity Prices

On all seeds, write for special prices on 10 Lbs. lots or over. It will pay and save you money.
HASTINGS' BERMUDA ONIONS

Back about 1890 this firm introduced the Bermuda Onion as a commercial crop to Florida. Later to South Texas and still later to Southern California. It has made good to an extent that no other onion type ever has. Each year millions of dollars' worth of Bermuda Onions grown from fall planted seed are shipped to Northern markets from Texas, Florida, California and the Gulf Coast.

We recommend the Bermuda varieties to you unreservedly for earliness, good yields and mildness of flavor. They are equally good young for pulling green or after fully matured. They are so mild in flavor that many people eat them raw, like an apple.

288 Yellow Bermuda The most widely and largely planted of the Bermuda varieties. Before we introduced our Crystal Wax this was generally called White Bermuda, although it is a light yellow or straw color. This is the variety that made Texas famous as an onion growing State and we have always rightfully claimed that Hastings' is the finest seed in the world. The higher quality Bermuda Onions grown from Hastings' Seeds bring the highest market prices and often premiums above the best market prices. Our illustration shows the Bermuda as grown from October planted seed. Less than six months from seed sowing to fully matured onions. Because of its mildness it is immensely popular with millions of people who dislike the strong flavor of most onions. Because of its mildness it is immensely popular with millions of people who dislike the strong flavor of most onions. Packet, 10c. Oz., 25c. Lb., 75c. Lb., $1.50.

289 Hastings' Crystal Wax Our own introduction and one of which we have been exceedingly proud. It is the only pure white Bermuda Onion and has a most beautiful waxy appearance that makes it sell on sight in the retail markets. In New York and other large markets our Crystal Wax sells at 25 to 50 cents per crate above the Yellow Bermuda. Except in color it is identical with the Yellow Bermuda; has all its desirable qualities combined with much more handsome appearance. Hastings' Crystal Wax is an excellent home garden Onion as well as for market gardens and shipment. Being such a mild and beautiful Onion and so easily grown it is especially suited to home garden use. This is the mildest and earliest of all Onions. Packet, 10c. 1/2 Oz., 20c. Oz., 30c. 1/4 Lb., 90c. Lb., $3.00.

SILVER-SKIN ONION SETS Sets from White Portugal or Silver Skin seed. Make large silvery white onions of fine quality when mature. Lb., 40c. 8 Lbs. (pk.), $1.75; postpaid. Not Prepaid—32 Lbs. (bu.), about $4.50. Write for our best quantity prices when ready to buy.

YELLOW ONION SETS Make medium sized, globe-shaped yellow onions. Lb., 40c. 8 Lbs. (pk.), $1.75; postpaid. Not Prepaid—32 Lbs. (bu.), about $4.25. Write for quantity prices.

Garlic Sets Pure Italian Garlic Sets. Pound, 40c. 3 Lbs. for $1.00; postpaid.

HASTINGS' ONION COLLECTION—25c
You can't find a better year-round selection than this. Three large packets of the finest onions in cultivation; varieties early, medium and late in maturing and the most popular varieties on our whole list. Prizetaker, Australian Brown and Hastings' Genuine White Crystal Wax Bermuda Onion Seed. This splendid collection gives you a welcome variety and a selection that will last you practically the whole year. You cannot obtain better varieties or better seed anywhere. 25c POSTPAID.
ONION SEEDS

The Bermudas are the earliest to mature, and hold a distinct place, both as a commercial crop and as well for home gardens and nearby markets. There is a place, however, that they do not fill. They are early and the quantity of them grown is so small compared with the large and steady demand for onions that the Bermudas seldom take care of the market over two months in the year. This leaves a nine or ten months' demand to be supplied with other varieties, for the Bermudas, unless carefully handled, do not keep well over three months. Do not plant too early. Onion Seed will not germinate well in the hot weather we generally have in August and first half of September. One ounce plants about 200 feet of row.

296 Hastings' Prizetaker Our Prizetaker Onion is of the very best American growth, far superior to all imported seed and way ahead of the Prizetaker Onion offered by most American houses. It has been most successfully grown in all parts of the Central South from both fall and spring sowings. It is very large, frequently measuring 12 to 18 inches in circumference, and fine bulbs have been raised weighing from 4 1/2 to 5 pounds each. During the last five years we have seen some splendid market crops of Prizetakers raised even under very unfavorable conditions, not only in Georgia, but in practically every one of the Southern States, showing Prizetaker to be well adapted to our entire section. Prizetaker is a light straw-colored onion with a pure white flesh, very fine grain with rather mild flavor, and will keep for any reasonable length of time. Packet, 10c. Oz., 25c. 1/4 lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

298 Riverside Sweet Superior to other strains of Sweet Spanish in flavor, mildness, keeping qualities and yield. Large, well shaped brown onion, weighs 1 to 3 pounds and unusually mild. When properly grown, without letting soil become too dry, it makes beautiful bulbs. Extremely popular for home gardens and is now creating a big market demand as well. Be sure to try this great new Onion. Packet, 10c. Oz., 35c. 1/4 lb., $1.00. Lb., $3.50. 5 Lbs., $14.00.

295 Extra Early Barletta Pure white, growing about one inch in diameter and just the right size for pickling. Packet, 10c. Oz., 25c. 1/4 lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

300 Silver Skin Onion A large, well shaped brown onion, weighs 1 to 3 pounds and unusually mild. When properly grown, without letting soil become too dry, it makes beautiful bulbs. Extremely popular for home gardens and is now creating a big market demand as well. Be sure to try this great new Onion. Packet, 10c. Oz., 35c. 1/4 lb., 75c. Lb., $2.50. 5 Lbs., $10.00.


292 Hastings' Snow White Handsome snow-white bulb, with a waxy appearance. It is large, firm, rather mild, and a first-class keeper. Remarkably even and uniform in growth; will always prove a favorite wherever it once appears on market. Packet, 10c. Oz., 30c. 1/4 lb., 90c. Lb., $2.75. 5 Lbs., $9.00.

291 Hastings' Dark Red Has a richness in coloring of the skin that is found in no other. Onions are large, perfectly globe-shaped, and of rich, deep red color. Exact shape and size of White and Yellow Globe, color the only difference. Packet, 10c. Oz., 25c. 1/4 lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

290 Giant White Tripoli Also known as El Paso or Large Mexican. A large flat, pure white, mild onion. Packet, 10c. Oz., 25c. 1/4 lb., 75c. Lb., $2.50. 5 Lbs., $10.00.

285 Large Red Wethersfield One of the oldest varieties listed by American seedsmen and has retained its popularity wonderfully well through the years. It's easily grown to full maturity from the black seed and is a fairly good keeper into winter. Almost round, of large size and deep red color. In flavor decidedly pungent. Packet, 10c. Oz., 25c. 1/4 lb., 75c. Lb., $2.50. 5 Lbs., $8.00.

287 Australian Brown One objection to growing onions is the fear that they won't keep over. Australian Brown is the answer, for this variety has been known to keep in perfect condition (except for a little shrinkage and loss of weight) for a solid year from the time it was pulled. For a late maturing, long keeping onion to last for a long time, stored in a dry place, Australian Brown has no equal. If you plant the Bermudas, Prizetaker or the Hastings' Globe varieties and Australian Brown, you can count on a supply practically the year round. About a month later than the earlier sorts but of neat, round shape, very firm and solid, the longest keeping onion known for warm climates. Packet, 10c. Oz., 25c. 1/4 lb., 75c. Lb., $2.50. 5 Lbs., $8.00.

H. G. Hastings Co., Seedsmen, Atlanta, Georgia
Many of our customers don’t plant Garden Peas because they don’t bear long enough. Plant seed deeper and work soil up around stalks, and Peas will stay in bearing twice as long. You should plant more Peas.

**Culture**

For fall planting in the Central South, Garden Peas should be sown early in September, especially the second early varieties. Extra early sorts, such as John L., can be sown throughout September and will mature before frost. In Florida and along the Gulf Coast they may be sown during any of the fall months, October and November being preferable.

To avoid the necessity of staking or brushing, plant the peas in double rows 6 to 8 inches apart, and when the vines get large enough run them together. Most varieties of the earlies and second earlies are of sufficient stiff growth to support each other in this manner. Plant 2 pounds of peas to 100 feet of row. 56 pounds of wrinkled or 60 pounds of smooth peas make a bushel.

### 316 Hastings’ John L.—Quickest Growing Pea

Earliest of all the extra early varieties; for home use, market or shipment. Since 1896 it has held the record for earliness against all of the best strains of early peas sold by other American seedsmen and during that time no pea has been introduced that equals it for earliness and productiveness in the extra early class.

John L. is a standard with Southern gardeners, both for shipping and home markets, and every year we sell hundreds and hundreds of bushels of bushels of this variety to Florida shippers. Plant these early Peas this fall and have tender, delicious peas on your table and have them to sell at fancy prices. That’s good gardening.

Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs., 13c per Lb.

### 317 Alaska Extra Early

Next to John L., this is the best, round extra early Pea: about one week later than John L. and the best quality and heaviest bearing of all the round-seeded extra early variety. A splendid shipper and canner and one of the very best in the garden. Foliage and pods light green; pods 2½ inches long, round, straight and square ended, containing six peas. Seeds are of bluish shade, well rounded out and the fresh peas are about equal to the wrinkled peas in quality.

Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs., 13c per Lb.

### 315 Hastings’ Extra Early Surprise Pea

This extra early wrinkled Pea beats them all in combining earliness, heavy-bearing and most delicious eating quality. Vines grow 20 to 24 inches high and require no “staking” or “brushing” when planted in double rows. Foliage and pods are light green; round pods containing 6 medium sized green peas are 2½ inches long, with blunt ends. Uniform in maturity and yet very productive; fine for canning, shipping, marketing and eating at home.

Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs., 13c per Lb.

### 318 Hastings’ Genuine Early Bird

**Please don’t confuse this wonderful “Round-Seeded Thomas Laxton” with the original Laxton’s Superb or Blue Bird now sold as Early Bird by several eastern seedsmen. Read description of “Thomas Laxton.” Early Bird is quite identical with the added advantage of almost round seeds. It is a wonderful fall planting variety. Heavy bearing, vigorous dwarf bush and large, full, straight, blunt pods. Packet, 10c. 1/2 Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs. or over, 16c per Lb.

### 319 Notts Excelsior

An extra early, dwarf-growing wrinkled variety of delicious flavor. Pods are more closely packed with peas than any other variety. Stout and heavy: 2½-inch round pods with blunt ends; 6 light green peas of high quality; productive. Packet, 10c. 1/2 Lb., 26c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs. or over, 16c per Lb.

### 330 Gradus or Prosperity

Superb extra early wrinkled variety with large, strong pods, hardy and prolific. Grows 2½ feet high, strong and vigorous. Quality delicious, 3½-inch long round pods of medium green. Pods are uniformly well shaped and pointed. Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs. or over, 16c per Lb.

### 324 Laxtonian

This handsome new early wrinkled Pea is the easy leader of the large podded dwarf growth varieties. Very large, dark green, pointed, 1-inch pods, with a large, light green, flattened wrinkled peas of fine quality. Dark green vines about 16 inches high; vigorous and very productive. Packet, 10c. 1/2 Lb., 29c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs. or over, 16c per Lb.
323 Thomas Laxton
This pea is considered the finest pea in cultivation. It is early and a
broad and professional growers as well as home gardeners say it is the
greatest pea of today. Closely resembles Gradus but harder and slightly
earlier. Pods with 7 peas are about 3 inches long, straight, well filled,
rounded with rather a blunt end. The large wrinkled peas are of greenish
cream color and have a very vigorous growing. This is a very popular
variet from Florida and Gulf Coast growers. The flavor is very pleasing
and the peas retain their tenderness. 
Packet, 10c. ½ Lb., 20c. Lb., 40c.
2 Lbs., 75c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs. or over, 14c per Lb.

331 Premium Gem
A dwarf wrinkled, extra early variety,
growing about 15 inches high, and is one of
the earliest of the good quality varieties for home gardens. Deserves its popu-
ularity. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs. or over, 14c per Lb.

314 Little Marvel
An excellent dwarf sort for the market and
home garden. The pods average a little longer
than Premium Gem, are more attractive and the peas are of superior quality.
Vines are heavily set with large, straight, deep green pods which are square
ended and well filled with 7 large tender peas. Peas are of a cream color and
very prolific. Of exceptional merit. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs. or over, 14c per Lb.

328 Hastings’ Home Delight Pea
Planted by tens of thousands of our
customers with entire satisfaction. Earliest bearer of the second early or
heavy-bearing varieties; a strong, vigorous grower, coming in right after
the extra early sorts, and while enormously productive is of such stiff,
stocky growth that it can be grown without “brushing” when planted in
markets. Height of vines, 2 to 3 feet. Pods 3 to 4 inches long, each pod con-
taining 5 to 6 wrinkled peas of very fine table quality. Size of peas large to
6 inches apart, rows running together as soon as high
 adequate for home gardens and nearby
markets. Height of vines, 2 to 3 feet. Pods 3 to 4 inches long, each pod con-
taining 5 to 6 wrinkled peas of very fine table quality. Size of peas large to
6 inches apart, rows running together as soon as high

329 Bliss Everbearing
The greatest favorite among our cus-
omers for home gardens and nearby
markets. Height of vines, 2 to 3 feet. Pods 3 to 4 inches long, each pod con-
taining 5 to 6 wrinkled peas of very fine table quality. Size of peas large to
6 inches apart, rows running together as soon as high

332 Champion of England
Richest, best flavored late peas,
tall growing; 5 feet, peas with
winkled seeds; heavy bearer. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs. or over, 14c per Lb.

321 Large White Marrowfat
Old, well-known, very strong
bearing variety, forming as many as ten stalks to a single root. The
separate branches are of extraordinary strength so that when hilled up prop-
cess of bearing. Even after repeated picking the vines continue to develop
blossoms which mature fine peas. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs. or over, 16c per Lb.

326 Sugar or Salad Pea
A distinct variety with edible pods,
cooked and eaten in the same man-
ner as snap beans. These are great favorites with those who have once used
them. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots,
30c per Lb. 100 Lbs., 18c per Lb.

309 Double Curled
Plants of dwarf, compact growth,
and the young leaves have the
elegant appearance of coarse moss. Often used
by market gardeners. Packet, 10c. Oz., 15c. ½ Lb., 30c. Lb., $1.00. 5 Lbs., $4.00.

310 Plain Leaved
Is very hardy, a strong grower, and
excellent for seasoning, for which
purpose it is grown almost exclu-
sively by Atlanta market gardeners.
Packet, 10c. Oz., 15c. ½ Lb., 30c. Lb., $1.00. 5 Lbs., $4.00.

PARSNIPS
311 Improved Hollow Crown
Best all-round variety; leaves start from a depression in
the crown of the root. Rich, very sweet flavor, immensely
productive; ready for use in 80 to 85 days.
Packet, 10c. Oz., 15c. ½ Lb., 30c. Lb., $1.00. 5 Lbs., $4.00.
SWEET PEPPERS

In fall planting, one ounce of seed will usually produce about 1,000 strong plants. Plant ½ lb. to be sure of sufficient plants per acre.

346-California Wonder

The greatest Pepper ever introduced. It really is better than our Royal King,ureka as a variety as Chinese Giant, now almost extinct. Very large, square-shaped, four lobed, exceedingly mild, sweet, the thickest flesh and heaviest fruits of all Peppers. It is regularly uniform and ships well, holds up well in long storage, exceptionally prolific and a true money maker for the grower. It sits upright, is ideal to stuff and bake or to serve whole with salad. Plants are of stocky, strong, erect growth. Fruits are uniformly regular in size and shape and to 1% lb. Picture below is of an average young green, first set fruit in our seed crop on the Hastings’ Plantation, of course reduced in size. It changes to a brilliant light crimson. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.00. 5 Lbs., $3.00.

355 WORLD BEATER

An outstanding strain of Hastings’ Royal King type bell Pepper, now being extensively grown. Vigorous grower, sure cropper and very prolific. Fruits turn a beautiful scarlet, exceedingly mild; flesh thick and firm and an excellent shipper. Slightly more elongated than Royal King and in that usually slightly larger. You can’t go wrong with World Beater. Packet, 10c. ½ oz., 25c. oz., 45c. ½ lb., $1.25. 5 Lbs., $6.00.

356 Large Bell or Bull Nose

The standard large variety for home use, market and shipping to Northern markets from Florida, Louisiana and Texas. Rather pungent flavor, early and a heavy producer of fruits 2½ by 3½ inches long, and 2½ by 2½ inches across the shoulder. Deep green when young, bright crimson at maturity. Packet, 5c. ½ oz., 25c. oz., 35c. ½ lb., $1.00. 5 Lbs., $3.00. 5 Lbs., $14.00.

352 Ruby King

Fine sweet pepper for home and market use. Very vigorous grower with large, sweet, mild fruits. A close favorite with Large Bell, slightly larger and certainly much sweeter and milder than that variety. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.25. 5 Lbs., $4.00. 5 Lbs., $16.00.

359 Ruby Giant

Ruby King and Chinese Giant, having the good qualities of both yet without the undesirable qualities of either. It is very attractive, grows to large size, is exceptionally mild, and when ripe is of a bright, clear scarlet. Flesh exceedingly thick, sweet, and so mild that it can be eaten raw. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.25. 5 Lbs., $4.00. 5 Lbs., $16.00.

348 Hastings’ New Tomato

Very mild and sweet Salad Pepper with very thick flesh. Exceedingly prolific, fine for canning, delicious eaten raw or chopped in salads. Very uniform bell, and large. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.00. 5 Lbs., $4.00. 5 Lbs., $14.00.

350 Hastings’ Golden Prize

Large, bright, golden-yellow variety; very sweet and mild. In some places this is eaten like an apple in the raw stage because it is said to cure chills and fever. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.00. 5 Lbs., $20.00.

358 Hastings’ Perfection

MILDEST FLAVORED OF ALL. It is absolutely free from the pungency of flavor disastrous to so many. Can be eaten raw like an apple, can be stuffed with meat and baked; can be used as a salad or canned for winter use. Has very thick firm flesh which permits of its being skinned and peeled. The shape and regularity of size of this new and improved strain is wonderful. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.25. 5 Lbs., $4.00. 5 Lbs., $16.00.

HASTINGS’ HOT PEPPERS

349 Long Cayenne

Our Long Cayenne is a burning hot pepper. Larger than Red Chill but just as hot and pungent. Cayenne is a long red pepper and this is the true type. Plant some of these for dried peppers during the winter. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.25. 5 Lbs., $4.00. 5 Lbs., $16.00.

354 Red Chili Pepper

HOT. A well-known very hot, pungent variety. Fine dried for winter use. If you want very hot, pungent peppers for flavoring, Red Chili is fine. It is small and very bright red and exceedingly prolific. If you want the hottest peppers and a plenty of them, plant Red Chili. This is the best hot pepper we can possibly offer and it will please you. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.25. 5 Lbs., $4.00. 5 Lbs., $16.00.

353 Tobasco Pepper

HOT. A familiar variety used to make Tobasco Sauce and is also grown for home and market use. 2½-foot plants, producing an abundance of extremely hot, bright scarlet peppers 1½ by 1½ inches long. Easily gathered because fruits grow upright. Plant Tobasco for pimento sauce and it is hot peppers. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.25. 5 Lbs., $4.00. 5 Lbs., $16.00.

347 Anaheim Chili

HOT. Long, 1½ by 7 inches; highly desirable Pepper. Not too hot but pungent enough to add Pepper flavor to any salad. Excellent for table use and canning. Largest hot variety. Packet, 10c. ½ oz., 25c. oz., 40c. ½ lb., $1.75. 5 Lbs., $6.00. 5 Lbs., $24.00.

351 Hastings’ Mixed Peppers

This mixture gives you some of every kind in your garden. Packet, 10c. 3 Packets, 25c. 5-10 Packets, $1.00. 5 Lbs., $4.00. 5 Lbs., $16.00.
HASTINGS' RADISH SEED

Culture Radishes require a rich, loose, moist soil, so they can be grown quickly. The crisp, tender flesh depends on rapid growth. Successive plantings should be made every 10 days to keep up a supply. For quick use plant the round or button Radishes. For later use plant the long and half-long varieties, as they root deeper and resist heat and drought. Winter Radishes should be sown in August and September. Scarlet Button Radish is the very best, grown from carefully selected and transplanted roots. Radishes are very easy to grow. Sow one ounce of seed to 100 feet of row; 10 to 12 pounds per acre. Radishes mature in 3 to 6 weeks.

LONG OR FINGER RADISHES

376 Hastings' Early Long Scarlet Most popular of all Radishes for garden and home garden use and market. Our illustration shows the regularity and fine shape of our strain of this variety. It's a favorite everywhere, no vegetable garden being complete without it. Tops rather small, roots long and tapering to a decided point; color an intense bright scarlet. Flesh is very crisp and tender and when grown rapidly, it is free from pungent taste. About 6 inches long. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.

382 Long White Icicle Radish Excellent and profitable; a distinct sort, ready for use as soon as Early Long Scarlet and has fewer leaves. Admirable alike for open air and under glass. The Icicle is a clear white in color, 6 inches long, slender and tapering shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. A fine variety for both market and home gardeners who want an early, long Radish. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.


383 Hastings' Glass or Cincinnati Market Radish It was called the "Cincinnati Market Radish." It is bright pink with white tips; very regular and uniform in size and shape, even when grown to large size. Desirable for both market and home use. A greatly improved strain of Long Scarlet, so popular everywhere. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.

384 Half Long Deep Scarlet About half way between Scarlet Button and Long Scarlet in shape. Of most beautiful appearance, and in market brings high prices. Skin is brilliant scarlet; flesh clear white; crisp, tender and free from pungeancy or bitterness. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.

ROUND OR GLOBE RADISHES

381 Scarlet Button Radish Also called Scarlet Turnip. A favorite extra early radish; round form and deep scarlet skin; mild flavor, crisp and tender; short narrow leaves, making a very small top. Scarlet Button is a popular radish, resembling Rosy Gem, except it hasn't the white tips. The round or button type is the most popular garden radish and our Scarlet Button leaves nothing to be desired. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.

375 Rosy Gem Radish Also called "White Tipped Scarlet Turnip." Favorite among market gardeners for forcing as well as for open ground growth. We have seen it ready for market here in Atlanta in 18 days from the time seed was sown. A most desirable variety for home gardens and almost identical with the Scarlet Button except has white shading at the base of root. One of the early varieties; globe shaped, with rich, deep scarlet top, shading to pure white at the bottom. Very tender and crisp, never becoming pithy until very old. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.

372 Early Scarlet Globe Slightly olive shaped, almost globe shaped, with white, tender, crisp flesh. Skin is brilliant scarlet. This Radish is especially popular for early planting outdoors for home garden and market. Uniform in color, shape, fineness of skin and quality. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.

378 Crimson Giant A large sized extra early turnip radish, a little longer in shape than the Scarlet Button but brighter color; twice the size. It grows quickly and even when it attains large size remains tender and of fine flavor to the last. Will prove a money-maker for the market gardener, as its bright crimson color makes it a seller on first sight. Equally valuable for home garden use. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.

390 California Mammoth White WINTER RADISH. Largest of all winter Radishes and extensively grown by the Chinese gardeners in California. Grows about 8 inches long and from 2 to 3 inches in diameter. Pure white skin and flesh; solid, crisp and of good flavor. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.

377 China Rose Winter WINTER RADISH. Distinct handsome variety of Chinese radish. Skin a dark rose color, flesh pure white, crisp, of pungent flavor. Good keeper well into spring. Roots cylindrical, blunted at both ends, 4 to 5 inches long, 2 inches thick; smooth skin. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.


387 HASTINGS' MIXED RADISHES Many don't want to make more than one Radish planting to last all season and our mixed Radishes fill the bill exactly for this purpose. Hastings' Mixed Radishes contain a selection of each variety catalogued by us, except the winter varieties. These are early, medium and late varieties, the round, the half long and long. For home garden use we sell tens of thousands of packets of this justly celebrated mixture every year. It is deservedly popular, giving as it does a succession of crisp, tender Radishes throughout the season from one sowing. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 85c. 5 Lbs., $3.50.
SALSIFY Vegetable Oyster

Salsify is a most nutritious winter vegetable. The roots are delicious and may be served in many ways. With oyster flavor, especially where it is difficult to get fresh oysters. Salsify is very popular. Let grow until frost. It is even improved by being frozen.

**CULTURE**—Salsify succeeds best on a rich light deep soil. Avoid fresh manure. Sow in September and October in Florida and the lower South, in 18-in. rows and thin plants to 3-in. apart. Cover seed 1/2 inch. Cultivate frequently and dig as needed through the winter but before spring growth begins roots may be dug and stored in a pit or cool cellar. Sow one ounce to 100 feet of row.

**404 Mammoth Sandwich Island Salsify**

These Squash can be planted in the Central South as late as August 15th. South Florida plantings can be continued as late as October 1st, for home use or shipment. One ounce to 25 hills or 2 to 3 pounds per acre.

**425 Early White Bush Squash**

This is the well known White Scalloped or Patty Pan Squash. One of the earliest, very productive and of light cream color. Very popular for shipment from Florida, as well as a general favorite for home gardeners. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.25. 5 Lbs., $5.00.

**420 Hastings' Mammoth White Bush Squash**

Double the size of Early White Bush and more regular in shape. It is very early, uniform in growth and prolific. It has a beautiful white skin and flesh, and grows 10 to 12 inches across. Fine for family gardens. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.25. 5 Lbs., $5.00.

**422 Golden Custard**

Largest scalloped variety; often produces a 2 feet root. Dark golden yellow, smooth skin, uniform in growth. Regular bush form, very productive and finest quality. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.25. 5 Lbs., $5.00.

**421 Yellow Summer Crookneck Squash**

A very well-known variety of Crookneck Squash, for home and market gardens. Fruit small, of bright orange yellow color; and covered with watery excrescences. Flavor very rich and buttery. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.25. 5 Lbs., $5.00.

**426 Giant Summer Crookneck Squash**

A summer bush Marrow, edible in 60 days. Eaten green, when 4 to 6 in. long. Gray-green color; vines bushy and prolific. Delicious cooked like asparagus. Try it soon. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.25. 5 Lbs., $5.00.

**424 Early Yellow Bush Squash**

Real summer hush Marrow, edible in 60 days. Eaten green, when 4 to 6 in. long, Gray-green color; vines bushy and prolific. Delicious cooked like asparagus. Try it soon. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.25. 5 Lbs., $5.00.

**SPINACH FOR "GREENS"**

**Culture**

You can find no better vegetable to furnish an early supply of "greens." As "greens," its quality is unsurpassed, and were it more generally known in the Southern States almost every one would plant it. Our specially grown spinach is far superior to the spinach seed commonly sold. Its germination is stronger and better, growth larger, more vigorous and hardier, Spinach requires rich soil, richer the better, and can be sown during October, November and December, while ground is still warm. With oyster flavor, especially where it is difficult to get fresh oysters, Spinach is very popular. Let grow until frost. It is even improved by being frozen.

**411 Hastings' Aragon Spinach**

Very best variety for the South. Fine market size, having a large thick, green leaf, slightly crumpled or savoyed, and stands a long time before running to seed. The hardiest of all varieties, standing a ordinary cold winter without damage in this latitude. At the same time it is one of the best heat-resisting sorts for late spring use. This variety has been thoroughly tested and pleases all market gardeners who use it. Packet, 5c. Oz., 10c. 1/4 Lb., 20c. Lb., 50c. 5 Lbs., $2.00. Write for special price on 100 Lbs. or over.

**412 Bloomsdale**

Also called Norfolk Savoy Leaved. Very early, upright growth, glossy dark green, crumpled, broad thick leaves and particularly fine for fall planting as it does best in cool weather. Extensively grown in the South for the home gardens and very popular with truck gardeners because of the large crops of thick leaves. Packet, 5c. Oz., 10c. 1/4 Lb., 20c. Lb., 50c. 5 Lbs., $2.00. Write for special price on 100 Lbs. or over.

**NEW ZEALAND SPINACH**

An all season variety growing luxuriously in hottest weather. Cut and it comes again, a few plants furnishing the finest flavored "greens" all summer and fall for an average size family. Plant in August and September where plants are to stand. New Zealand should be in every Southern garden for all summer and fall good "greens." Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., $1.00. 5 Lbs., $4.00. Write for special price on 100 Lbs. or over.

**TENDERGREEN or Mustard-Spinach**

TRY IT!

See Page 13.
**Veggies for Fall Planting in the Far South**

Complete listings, with full descriptions and illustrations, are in our annual spring catalog. Here are some new selections:

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<td><strong>Cantaloupes</strong></td>
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<td>These are in our annual spring catalog. All fruits are hand selected, piled, and cut for this seed.</td>
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<td><strong>Watermelons</strong></td>
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<td>Finest Extra Dark Strain—New Special Selection</td>
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<td><strong>HASTINGS' CUCUMBERS</strong></td>
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<td>Finest Extra Dark Strain—New Special Selection</td>
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**Culture**

Plant in hills, four feet apart each way. Where well-rotted manure is obtainable work it into each hill. Use 3 pounds per acre. Mature in about 3 months.

**Write for Prices**

Special prices gladly made on quantity lots of any size.
Tomatoes for Summer and Fall Plantings

Hastings' Improved and is as red as a Tomato can be all the way through. Meat solid without ordinarily solid, perfectly smooth, has no superior tomatoes for summer and fall plantings are very large; purplish pink in color, solid, meaty and very sweet. 

Greater Baltimore

Red Rock, the Big Red

Solid Meaty Tomato

Hastings’ Matchless

One of the earliest, almost round and has a thin but very tough skin. Improved Acme is a very heavy bear, ripening evenly all over. Has a lovely purplish pink color, making it desirable as a market and shipping variety. Has few seeds; is thick, meaty and solid. Packet, 10c., 1/2 oz., 20c. oz., 35c. 1/4 lb., $1.00. Lb., $3.50. 5 lbs., $14.00.

Hastings’ Improved

climate, almost ready when 2 inches across; colors quickly to a deep rich red. We have seen 34 good, smooth, ripe tomatoes on a single plant, yet early to mature. Packet, 10c., 1/2 oz., 30c. oz., 50c. 1/4 lb., $1.75. Lb., $6.00. 5 lbs., $24.00.

442 John Baer

Extra early scarlet tomato. Largest of any extra early; flesh firm, quality and color excellent. Smooth, nearly round; vines hardy and very productive. Mild flavor, tough skin that does not burst when ripe. Valuable for market gardeners, canners and shippers. Packet, 10c., 1/2 oz., 25c. oz., 40c. 1/4 lb., $1.25. Lb., $4.50. 5 lbs., $18.00.

460 June Pink

A Pink Earliana. Often brings 25 per cent higher price in markets where pink varieties are preferred. Enormous bearer, frequently bearing clusters of six to eight Tomatoes of medium size; uniform, smooth and attractively shaped. Bunches are compact; yet branch freely. Excellent for shipping. A favorite with the market gardener for an extra early purplish pink Tomato and a delight in the garden. Packet, 10c., 1/2 oz., 25c. oz., 45c. 1/4 lb., $1.55. Lb., $4.50. 5 lbs., $18.00.

446 Livingston Globe

A popular Tomato with shipping sections of Florida, Mississippi and Texas. It must be staked. The Brimmer has no core, very few seeds and is solid and nearly all meat. It is an early variety and continues to bear the large sized fruit all through the season. Even though so large, fruits are well shaped, purplish pink and make the finest slicing tomatoes, remarkably free from acidity, which keeps some people from eating tomatoes. Grow the biggest and best tomatoes with Brimmer. Packet, 10c., 1/2 oz., 35c. oz., 90c. 1/4 lb., $2.00. Lb., $7.50. 5 lbs., $30.00.

451 Avon Early

Earliest scarlet tomato; has entirely taken Spark’s Earliana place with us. Best of its class, finest shape, very free from cracks and green stem ends. Vigorous, continuous bearer, large for so early; to 8 fruits to cluster; round or slightly flattened, of fine quality. Excellent for gardens and local markets. Packet, 10c., 1/2 oz., 30c. oz., 50c. 1/4 lb., $1.75. Lb., $6.00. 5 lbs., $24.00.

444 Hastings’ Extra Early

Earliest, most prolific, smoothest and largest prodigious extra early. Vigorous, prolific bearer of fruit in clusters. Prized by market gardeners and for earliest home garden tomatoes. It has open foliage, and fruit, 2 1/2 to 3 inches across; colors quickly to a deep rich red. We have seen 34 good, smooth, ripe tomatoes on a single plant, yet early to mature. Packet, 10c., 1/2 oz., 30c. oz., 50c. 1/4 lb., $1.75. Lb., $6.00. 5 lbs., $24.00.

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453 Golden Queen

Very handsome and the best large smooth golden yellow tomato; meaty, solid and sweet. A much better variety than Golden Ponderosa and a fine addition to the red tomatoes for your garden. Packet, 10c., 1/2 oz., 25c. oz., 40c. 1/4 lb., $1.35. Lb., $4.50. 5 lbs., $18.00.

454 Livingston Globe

A popular Tomato with shipping sections of Florida, Mississippi and Texas. It must be staked. The Brimmer has no core, very few seeds and is solid and nearly all meat. It is an early variety and continues to bear the large sized fruit all through the season. Even though so large, fruits are well shaped, purplish pink and make the finest slicing tomatoes, remarkably free from acidity, which keeps some people from eating tomatoes. Grow the biggest and best tomatoes with Brimmer. Packet, 10c., 1/2 oz., 35c. oz., 90c. 1/4 lb., $2.00. Lb., $7.50. 5 lbs., $30.00.

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Earliest scarlet tomato; has entirely taken Spark’s Earliana place with us. Best of its class, finest shape, very free from cracks and green stem ends. Vigorous, continuous bearer, large for so early; to 8 fruits to cluster; round or slightly flattened, of fine quality. Excellent for gardens and local markets. Packet, 10c., 1/2 oz., 30c. oz., 50c. 1/4 lb., $1.75. Lb., $6.00. 5 lbs., $24.00.

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442 John Baer

Extra early scarlet tomato. Largest of any extra early; flesh firm, quality and color excellent. Smooth, nearly round; vines hardy and very productive. Mild flavor, tough skin that does not burst when ripe. Valuable for market gardeners, canners and shippers. Packet, 10c., 1/2 oz., 25c. oz., 40c. 1/4 lb., $1.25. Lb., $4.50. 5 lbs., $18.00.
TOMATO COLLECTION—25c

Brimmer, largest of all—Oxheart, wonderful big new, solid, heart-shaped Tomato—and Marglobe, the best all-round wilt and rust resisting Tomato. These are superb. (Value, 45c.) Order several collections.

445 Hastings' Redfield Beauty

Our Redfield Beauty has the right size, shape and color with heavy bearing, good eating and proper shipping qualities. In fact, it is a good all-round tomato. Its vigorous growth, heavy bearing over a long period and comparative freedom from rotting under adverse conditions make it a general favorite. Regular sized and shaped fruits grow in clusters of 3 to 5 and are glossy crimson red with purplish tinge. Unexcelled for toughness of skin and solidity and retains its large size until all are picked. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., $1.35. Lb., $4.50. Write for our best quantity prices.

439 Bonnie Best A fine variety for the home garden and early market. Vines are vigorous and produce a good crop of exceptionally round and deep fruit, bright deep scarlet in color and of good quality. Crop ripens more uniformly than other early scarlets and is of superior solidity and interior color. Beautiful shape and color. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., $1.35. Lb., $4.00. 5 Lbs., $16.00.

459 Early Detroit Vigorous and productive; fruits medium size and of purplish pink color; firm and of good quality. A fine second-early variety, popular for home gardens, marketing and shipping. Fruits thicker than most varieties; especially adapted to Florida. Packet, 10c. ½ Oz, 25c. Oz., 45c. ¼ Lb., $1.00. Lb., $3.50. 5 Lbs., $14.00.

464 GULF STATE MARKET and the best shipping variety grown. Earliest purplish pink, strong vines, blight resistant. Almost true globe shape, entirely free from cracks and blemishes at blossom end. Fruit in same cluster ripen uniformly so economical to pick. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., $1.35. Lb., $4.50. 5 Lbs., $18.00.

452 Hastings' Dwarf Champion Tomato

TREE TOMATO. Our special strain of Dwarf Champion is the only first-class Tomato of sufficient stiff growth to stand up clear of the ground without staking, thus keeping fruit off the ground. Growth stiff, upright and compact; medium-sized purplish fruit, regular in size and shape and very smooth skin. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., $1.35. Lb., $4.50. 5 Lbs., $18.00.


461 Yellow Plum Tomato Larger than Pear Shaped, meaty and prolific. A Girl’s Canning Club favorite for preserves, Packet, 10c. ½ Oz., 20c. Oz., 50c. ¼ Lb., $1.50. Lb., $5.00.
FALL IS TURNIP PLANTING TIME

Culture  Turnips is the big fall garden crop throughout the whole South. They are hardy, make delicious greens or turnip salad and the roots make a tempting table food all through the winter months.

Careful attention should be given to seed for planting as in all vegetables. You want the best and most delicious varieties and good strong seeds. Take no chances with cheap inferior seeds. The very best, as you see below, are very reasonable in price and it will pay you always to send your orders to Hastings.

Turnips do best on new ground or ground that has not been cultivated for several years. If stable manure is used it should be applied several months before the crop is planted as fresh manure makes spotted Turnips, inferior in quality and with a rank flavor. For fall or winter use sow Rutabagas July 15th to September 1st; Turnips August 1st to October 15th in this latitude; farther South they can be planted later, and in Florida plantings can be continued all through the winter. Sow 1 ounce of seed to 200 feet of row; 2 to 3 pounds per acre. Ready for use in 8 to 10 weeks.

467 Early White Flat Dutch One of the most popular varieties for either spring or fall plantings. Medium size and a quick grower. It is flat, as shown in the illustration above, with very small, fine taproot. Flesh and skin pure white, fine grained and sweet. Especially fine flavored when grown quickly in fall or spring. Packet, 5c. Oz., 10c. 1/2 Lb., 20c. Lb., 55c. 5 Lbs., $2.00. Write for our best quantity prices.

466 Early Red or Purple Top See the illustration of this variety above on this page. Another popular variety of early flat Turnip, being almost identical with Early White Flat Dutch except for the deep red or purple color of the skin at top of bulb; known in many sections as Purple Top Flat Dutch and Purple Top Strap Leaf. A very quick grower, with fine-grained, sweet-flavored flesh. The red top of the bulb extends down to where it rests in the ground. Packet, 5c. Oz., 10c. 1/2 Lb., 20c. Lb., 55c. 5 Lbs., $2.00. Write for our best quantity prices.

471 Southern Snow-White A solid, quick growing for a Turnip, producing 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 mellows like an apple in keeping. It is productive, hardy, and closely resembles Purple Top Globe. Packet, 5c. Oz., 10c. 1/2 Lb., 20c. Lb., 55c. 5 Lbs., $2.00. Write for our best quantity prices.

474 Golden Boll A splendid and distinct yellow variety. Flesh and skin pure white, fine grained, medium sized, as round as a ball with a clear, deep orange color. Bulbs of medium size, a rapid grower, maturing early. Has small tap roots. This is the finest flavored yellow variety. Packet, 5c. Oz., 10c. 1/2 Lb., 20c. Lb., 55c. 5 Lbs., $2.00. Write for our best quantity prices.

475 Purple or Red Top Globe Our most popular variety. Medium early, globe shaped, handsome appearance and heavy cropper in all parts of the South. You cannot plant too many of them either for home use or market. Always of good quality, a good keeper and seller. Packet, 5c. Oz., 10c. 1/2 Lb., 20c. Lb., 55c. 5 Lbs., $2.00. Write for our best quantity prices.

476 Extra Early White Egg Turnip. Finest flavored of all early Turnips, and with favorable season is ready for use in 6 weeks. Skin and flesh a pure, snow white; solid, fine grained, sweet, and a good seller. Looks very attractive bunched for sale, and gardeners sell at top prices. Packet, 5c. Oz., 10c. 1/2 Lb., 20c. Lb., 55c. 5 Lbs., $2.00. Write for our best quantity prices.

465 Extra Early Milan Finest of all Turnips. A flat, purple topped variety, resembling Early Red or Purple Top, but one to two weeks earlier. Perfection in shape and color; sweet and fine grained. Packet, 5c. Oz., 10c. 1/2 Lb., 20c. Lb., 55c. 5 Lbs., $2.00.
HASTINGS' BIG 7 TURNIP COLLECTION 35c

The most popular of all Turnip collections. Hastings' "Big 7" gives each family its chance to have a full supply of early, medium and late Turnips. For 35 cents we will send you, postpaid, one full ounce each of Extra Early White Egg, Purple or Red Top Strap Leaf, Early White Flat Dutch, Purple or Red Top Globe, Yellow or Amber Globe, Hastings' Japanese Shogoin and Seven Top Turnips. Seven ounces of Turnips, all different, of the very best seed for 35 cents, delivered at your postoffice. No other varieties will be sold at this price and no changes will be allowed in this collection. If you do not want to plant all this seed this fall, what you hold over is perfectly good for next spring's sowing. This collection will give you all the turnips any ordinary family can use and more. Remember: These are full ounces of Hastings' Turnip seed. All pictured on inside front cover.

7 Ounces, 7 Varieties, 35c. 1/4 Lb. of Each, $1.00

(477) Hastings' Seven Top or "Salad Turnip" for Greens

477 Seven Top The "salad" variety so largely planted in fall for greens during winter. Sown in earliest spring it also furnishes "greens" very quickly. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 55c. 5 Lbs., $2.00. Write for our best quantity prices.


479 Hastings' Mixed Turnips A mixture of Turnips and Rutabaga listed by us, giving a variety of Turnips from one sowing, root varieties as well as "turnip greens." Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 55c. 5 Lbs., $2.00. Write for our best quantity prices.

478 SHOGOIN—NEW

See Picture of Shogoin on Inside Front Cover.

We are glad to recommend this splendid new Turnip. It is the best combination variety for both bulbous root and tops for "greens" that we have yet seen. Furthermore, it is Louse Resistant and it holds its heavy crop of leaves up off the ground. The bulbs or roots are all white, resembling Purple Top Globe in shape except flatter on top; sweeter and milder than other Turnips, of excellent flavor, tender, fine grained and extremely popular with those who have tried it. The tops or leaves are large, thick, juicy, very succulent, tender and of finest mild turnip flavor.

With our seed crop on the Hastings' Plantation in 1928, planted in hottest and driest August, we were impressed with its ability to get a start and withstand the hot, dry weather even by young plants. It likewise stood the cold and washing winter and spring rains and produced a fine crop of seeds. There was no louse or other insect attacks on our seed crop. Where no insecticide spraying was done on an Atlanta truck farm, our Shogoin Turnip barely showed any signs of louse while Purple Top Globe, planted next to it, was practically eaten up by louse attacks and was a total loss. You will surely want Shogoin if you plant Turnips. Order at least a small quantity for this summer and fall plantings and see for yourself just how fine for all purposes this new Japanese Turnip really is. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., $3.00. Write for our best quantity prices.

(468) Hastings' Improved American Rutabaga—Finest In the World

468 Hastings' Improved Best and heaviest cropper of all Rutabagas for the South. Of fine form, with rich purple colored top and light yellow flesh of most pleasing appearance. The flesh is tender, sweet and exceptionally free from hard, stringy nature. Has comparatively small tops, fine feeding roots, and is the surest and heaviest cropper. We have sold this special strain of American Rutabaga since 1894 and we have never had a variety of vegetable that has given such general satisfaction in all sections and in all kinds of seasons. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 55c. 5 Lbs., $2.00. Write for our best quantity prices.

Turnip Seed Prices Your first consideration is naturally the best seed you can buy. Hastings' assures you of that. Also we ask that you write for our closest special quotation on 10 Lbs. or over.

H. G. Hastings Co., Seedsmen, Atlanta, Georgia
HASTINGS’ "HOME BEAUTIFUL" FLOWER SEEDS

See our Spring Catalog for our full list of flower seeds. Popular summer and fall planted varieties are here catalogued.

LIBERAL PREMIUMS—With an order for One Dollar's worth of Flower Seeds, you may select 25 cents' worth of Flower Seeds Extra. For $2.00 you may have 50 cents' worth extra, and for $4.00 you may have $1.00 worth extra. This offer does NOT include Bulbs, Roots, Plants of any kind, live stock, or any living creature, and please don't confuse it with field seeds, plants and bulbs. This Special Offer is for Flower Seeds and Vegetable Seeds in packets at ounces only.

HASTINGS' FLOWER SEEDS

Flower Seeds, Bulbs and Plants for summer and Fall Planting are described in the Hastings' Hardy Outdoor Nursery Stock, write for Hastings' Nursery Annual, ready Oct. 1st. Remember, you get “Everything That Grows” from Hastings' Nursery, and it is sized and spaced good. Be sure of getting the best there is grown. It doesn't cost any more and we are just as near as your mail-box.

PERENNIAL FLOWER SEEDS

Greatest success with Perennials and Biennials is usually made from summer and early fall seed planting. Getting the plants of the hardy flowers well started before cold weather, enables them to harden off and bloom the first spring or summer. Below you will find the most popular Perennials and Biennials. Full descriptions with many illustrations are given in our general spring catalog.

1024 ALYSSUM—Saxatile, New, 12 in.; compact, bushy; golden yellow flowers. Pkt., 10c. % Oz., 25c.
1050 ANCHUSA—HP. Italica, Dropmore. 3-5 ft., bushy, border plant; rich blue flowers. Pkt., 10c. % Oz., 25c.
1502 ARMERIA—HP. Jubilee. Tall, 2 ft., branching; pink, mixed colors. Pkt., 10c. % Oz., 25c.
1264 CARNATIONS—NEW DOUBLE GIANTS—P. 2-3 ft., branching; Mixed Colors. Large branching plants. Pkt., 15c. % Oz., 30c.
1266 CARNATIONS—NEW DOUBLE GIANTS—TP. 2-3 ft., branching; Bushy. Pkt., 15c. % Oz., 30c.
1286 CHIRRANTHUS—HP. Alpine Wallflower. 8-10 in., bushy; for edging or rockery; violet flowers. Pkt., 15c. % Oz., 30c.
1504 CORNFLOWER—HP. Montana Blue. 2-in. rich blue single flowers; 2 ft. bushy plant. Pkt., 15c. % Oz., 30c.
1510 HOLLYHOCK—Double Mixed. Pkt., 10c. % Oz., 25c.
1512 HOLLYHOCK—Separate Colors—1510. Scarlet. Pkt., 15c. % Oz., 30c.
1513 HOLLYHOCK—Separate Colors—1511, Maroon. 1514, Salmon Rose. 1515, Sulphur XeH° BOBLO.
1212 COREOPSIS—HP. Single. Pkt., 15c. % Oz., 30c.
1244 COREOPSIS—HP. Longistyla. Rich violet-blue, 3 ft. bushy; for edging; white and pink. Pkt., 15c. % Oz., 30c.
1279 CORNFLOWER—HP. Mayfield Giant. 3% in. golden self flowers; 2 ft. balloon buds open into 2% in. flowers; borders or cutting? plant. Pkt., 15c. % Oz., 30c.
1520 DAISY—HP. Beilis perennis. 10 in.; HP. Mayfield Giant. 3% in. golden self flowers; 2 ft. balloon buds open into 2% in. flowers; borders or cutting? plant. Pkt., 15c. % Oz., 30c.
1537 LINARIA—TP. Mimulus tigrinus. Tender, very best of its kind or color that has been produced to date. Pkt., 15c. % Oz., 30c.
1526 LILY, REGAL—HP. Easily grown from seed; most beautiful of Lilies. Pkt., 15c. % Oz., about 500 seeds, 75c. % Oz., 40c.
1538 KNUDZU—HP. Vine, growing 50 feet when established. Hay crop it desired. Pkt., 15c. % Oz., 30c.
1562 MONKEY FLOWER—TP. Mimusops illinensis. Tender, small flowered mixed. Pkt., 15c. % Oz., 30c.
1575 PETUNIAS—TP. See Page 23.
1621 PYRETHRUM—HP. Pale Daisy. Rose and pink 3 in. flowers; 2 ft. bushy plant. Pkt., 15c. % Oz., 30c.
1632 RUBBECKA—HP. Giant Purple Cone Flower. 3 ft., border plant, rose purple flowers. Pkt., 15c. % Oz., 30c.
1692 SALVIA—HP. S. Azura grandiflora. 2-3 ft., sky-blue flower spikes in 2 ft. plants. Pkt., 15c. % Oz., 30c.
1703 SCABIOSA—HP. Isane House Hybrids. Largest flowers on longest stems; rich blue to white. Pkt., 15c. % Oz., 30c.
1704 SCABIOSA—HP. Aurea. Lavender-blue, 3-in. flowers on 2 ft. plants. Pkt., 15c. % Oz., 30c.
1710 SWEET WILLIAM—HP. Single mixed. Pkt., 15c. % Oz., 30c.
1770 TRITOMA—HP. Hot Red Hot Poker 3-4 ft. erect; orange flowers in spikes. Pkt., 15c. % Oz., 30c.
1780 VERBENAS—HP. HA. See Page 29.

Hastings' Finest Perennial Seeds

Each variety or strain of Hastings' Seeds is selected as the very best of its kind or color that has been produced to date. You cannot buy better strains anywhere at any price. Remember this when buying and planting these flower seeds. Write for Special Prices on larger quantities than listed.
ANNUAL FLOWER SEEDS

Ageratum
HHA. 1½-2 ft. tall. Blue and white tufts or clusters of small, f Office 1010 MEXICAN BLUE. 1012 BLUE AND WHITE MIXED—Each: Packet, 10c. ½ Oz., 30c. 15c., 50c.

Alyssum
HA. 8-12 in. tall. Packet, 10c. ¼ Oz., 35c. 25c., 75c.
1022 LITTLE GEM. ½ in. Packet, 10c. ¼ Oz., 30c.
1024 CARPET OF SNOW. 2-in. tall. Packet, 10c. ¼ Oz., 30c.

Anchusa
1051 A. CAPENSIS. HA. 15 in. Popular Cape Forget-Me-Not; lovely sprays of richer and larger light blue flowers than Forget-Me-Not. Packet, 10c. ½ Oz., 35c.

Calendula
HA. 1-2 ft. Large double cutting flowers in yellow, orange and primrose. For fall sowing in lower South.
1202 MIXED. All colors. 1203 METEOR. Cream, picoted orange.
1204 THE BALL. Reddish. Packet, 10c. ¼ Oz., 30c.
1207 BALL’S GOLD. Florists’ yellow. Packet, 15c. ½ Oz., 30c.
1208 RADIO. New quilled orange. Packet, 15c. ¼ Oz., 30c.
1209 THE BALL. Richest orange. Packet, 15c. ½ Oz., 30c.

Calliopsis
HA. 18-36 in. Bright yellow single flowers with red and brown markings. Bushy plants, fine cutting.
1216 SPLENDENS. 3 ft. yellow, maroon eye. Pkt., 10c. ½ Oz., 30c.
1217 TALL MIXED. 2-3 ft, all colors. Pkt., 10c. Oz., 30c.
1215 GOLDEN WAVE. 1½-2 ft. large gold. Pkt., 10c. ½ Oz., 30c.
1218 DWARF MIXED. Best mixture. Packet, 10c. ½ Oz., 35c.

Candytuft
1220 MIXED COLORS. 1221 CARMINE PINK. 1222 DARK CRIMSON. 1223 LAVENDER. 1225 ROSE CARDINAL—Each: Packet, 10c. ½ Oz., 30c. 50c.
1219 HYACINTH FLOWERED. White. Packet, 10c. ¼ Oz., 35c.

Centauraea
1234 SWEET SULTAN. Centaurae Imperialis. All colors, fully double, 3-4 in. flowers on long stems. Pkt., 10c. ¼ Oz., 30c.
1230 DUSTY MILLER. 1 ft. Silvery leaves. Pkt., 10c. ¼ Oz., 30c.

Cynoglossum
HA. 1½-2 ft. tall. Blue and white tufts or clusters of small, f

Dianthus
HA. 1400 SUPERB MIXED. 1 ft. Popular Garden Pinks in all colors and forms; double and single. Packet, 10c. ½ Oz., 40c. 75c.
1355 BLUE. Rich light baby blue. Packet, 10c. ½ Oz., 30c.
1356 PINK. New bright pink. Packet, 25c. ¼ Oz., 50c.

Four o’Clocks
1400 MIXED. 1½ ft. Profuse bloomers of Azalea-like flowers for cutting or bedding. Shades of red, pink, mauve, carmine and white. Likes cool weather and poor soil. Packet, 10c. ¼ Oz., 30c.

Gazania
1400 MIXED. 1½ ft. Profuse bloomers of Azalea-like flowers for cutting or bedding. Shades of red, pink, mauve, carmine and white. Likes cool weather and poor soil. Packet, 10c. ¼ Oz., 30c.

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1400 MIXED. 1½ ft. Profuse bloomers of Azalea-like flowers for cutting or bedding. Shades of red, pink, mauve, carmine and white. Likes cool weather and poor soil. Packet, 10c. ¼ Oz., 30c.
**Lupine**  
HA. 2 ft. Easily grown for cutting or in borders. Long spikes of pea-shape flowers.  
1529 **MIXED.** Annual Kinds. 1530 **NANUS BLUE.** Rich blue, white tips.  
1531 **TEXAS BLUE BONNET.** Light blue. Each: Packet, 10c. Oz., 40c.  

**Marigold**  
HA. 6-12 in. Reseeding, profuse flowering favorites. For fall sowing outdoors in lower South.  
1554 **DWARF FRENCH.** 10 in., small flowers. Pkt., 10c. 1/8 Oz., 33c.  
1555 **TALL FRENCH.** 30 in., small flowers. Pkt., 10c. 1/8 Oz., 30c.  
1556 **AFRICAN MIXED.** 24 in., big double. Pkt., 10c. 1/8 Oz., 30c.  
1557 **LEMON QUEEN.** African dbl. yellow. Pkt., 15c. 1/8 Oz., 30c.  
1558 **ALL-DUPLICATE.** African 100% dbl. Pkt., 25c. 1/8 Oz., 60c.  

**Mignonette**  
TA. 12 in. 1560 **SWEET SCENTED.** Unassuming but very fragrant dense flower spikes in candleabra form. Improved type of sweetest kind. Packet, 10c. Oz., 25c.  
1601 **TRIMARDEAU.** Common sorts. Pkt., 10c. Oz., 30c.  
1602 **HOWARD’S STAR.** Pkt., 33c. 1 Oz., 1.15.  
1603 **ROSY MORN PINK.** Pkt., 20c. 1/8 Oz., 45c.  
1604 **HASTINGS’ GIANTS.** Pkt., 20c. 1/8 Oz., 65c.  
1605 **HASTINGS’ EXHIBITION.** Pkt., 20c. 1/8 Oz., 1.75.  

**Nasturtium**  
1595 **TALL MIXED.** 6 ft, trailing. 1590 **DWARF MIXED.** 10 in., bush type. Each: Pkt., 5c. Oz., 15c.  
1633 **GRANDE LOTUS.** 2-4 ft. Clusters of brilliant colored flowers. Easily fall grown in frames or outdoors in lower South. Picture on next page.  
1531 **PINKS.** All colors and forms. Pkt., 10c. 1/8 Oz., 35c.  
1532 **CUSPIDATA STAR.** Pointed petals; fine. Pkt., 10c. 1/8 Oz., 35c.  
1533 **DWARF MIXED.** 6 in., large flower trusses. Pkt., 20c. 1/8 Oz., 65c.  

**Petunia**  
TT. 12-24 in. Treat as HA. Only Zinnias surpass in popularity.  
1608 **HASTINGS’ DE LUXE BEDDING MIXTURE.** Large flowers; gorgeous colors. Pkt., 15c. 1/8 Oz., 50c.  
1610 **FINE MIXED.** Selfs. Pkt., 10c. 1/8 Oz., 45c.  
1611 **HOWARD’S STAR.** Pkt., 10c. 1/8 Oz., 30c.  
1614 **ROSY MORN PINK.** Pkt., 15c. 1/8 Oz., 60c.  
1618 **GENERAL DODDS.** Striking velvety blood red. Pkt., 10c. 1/8 Oz., 35c.  
1622 **PRIDE OF PORTLAND.** Pink, fringed edges. Pkt., 25c. 1/16 Oz., $4.00.  
1624 **SCARLET BEAUTY.** Rose, fringed edges. Pkt., 25c. 1/16 Oz., 3.00.  
1625 **SILVER BLUE.** New Dwarf light blue. Pkt., 20c. 1/8 Oz., 50c.  
1627 **GIANTE DOUBLE RINGED.** 45% double. Pkt., 50c. 1/6 Oz., $7.50.  

**Phlox**  
HA. 1 ft. Clusters of brilliant colored flowers. Easily fall grown in frames or outdoors in lower South. Picture on next page.  
1631 **GRANDIFLORA.** All colors and forms; best. Pkt., 10c. 1/8 Oz., 35c.  
1632 **CUSPIDATA STAR.** Pointed petals; fine. Pkt., 10c. 1/8 Oz., 35c.  
1633 **DWARF MIXED.** 6 in., large flower trusses. Pkt., 20c. 1/8 Oz., 65c.  

**Poppies**  
HA. 2-4 ft. Striking single and double flowered varieties for fall sowing in the garden.  
1650 **SUPERB MIXED.** All colors and forms. Pkt., 10c. Oz., 45c.  
1652 **SHIRLEY MIXED.** Exquisite colored singles. Pkt., 10c. Oz., 45c.  
1654 **CARNATION FLOWERED.** Mixed fringed doubles. Pkt., 10c. Oz., 40c.  
1655 **PEONY FLOWERED.** Mixed large doubles. Pkt., 10c. Oz., 40c.  
1656 **CARDINAL RED.** Peony type; best red. Pkt., 10c. Oz., 45c.  
1658 **DOUBLE MIXED.** White and yellow. Pkt., 10c. 1/8 Oz., 30c.  

**California Poppy**  
Eschscholzia. HA. 8-12 in. Popular everywhere. 1450 **SINGLE MIXED.** 1500 **GOLDEN WILD.** Yellow, orange center.  
1456 **CARMINE KING.** Red. Pkt., 10c. 1/8 Oz., 30c.
H. G. Hastings Co., Seedsmen, Atlanta, Georgia

Rudbeckia

Coneflower. HHA. 2 ft. Splendid free-flowering, golden-yellow Daisy-like flowers with brown eyes, for cutting. Hasn't pronounced cones.

1694 BICOLOR SUPERBA. Packet, 10c. 1/2 oz., 30c.

Salpiglossis

Painted Tongue. HHA. 2-3 ft. Really a gardener's paint brush. Beautifully veined and many colored Petunia-like flowers on bushy plants.

1685 GRANDIFLORA MIXED. Packet, 10c. 1/2 oz., 30c.

Sanvitalia

Zinnia-like flowers in 6 weeks from sowing.

1586 DOUBLE PROCUMBENS. Packet, 10c. 1/4 oz., 35c.

Saponaria

with artistic, airy, rosy pink, large Gypsophila-like flowers for cutting. Make successive sowings.

1587 VACCARIA ROSA. Packet, 10c. 25c.

Snapdragon

Antirrhinum. HHA. 24-48 in. Produce wonderful spikes of richly colored flowers for cutting or garden delight. Extremely popular.

1824 FLESH PINK. Packet, 10c. 1/8 oz., 30c.

1930 QUILLED MIXED. Packet, 10c. 1/4 oz., 30c.

1812 HASTINGS' MONSTER MIXED. 30 in., large, quilled petals. Pkt., 15c. 1/4 oz., 50c.

1840 QUILLED MIXED. Oz., 40c.

1815 PICOTEE MIXED. 2 ft. medium size. Pkt., 10c. 1/4 oz., 30c.


1813 LILLISET OR POM POM. 15 in., button type. Pkt., 10c. 1/2 oz., 30c.

1815 PICOTEE MIXED. 20 in., large, picoted. Pkt., 15c. 1/4 oz., 40c.

1840 QUILLED MIXED. 30 in., large, quilled petals. Pkt., 15c. 1/4 oz., 40c.


1812 HASTINGS' MONSTER ZINNIA. 2 ft. Reddish pink.

1820 CRIMSON. Giant deep rich crimson shades. Pkt., 15c. 1/4 oz., 50c.

1822 FLESH PINK. Lavender tints.

1825 SALMON ROSE. Tints lighter.

1826 SCARLET. Very bright.

1828 YELLOW. Golden yellow.

1830 WHITE. Quite clear.

1813 LILLIPUT OR POM POM.

1815 PICOTEE MIXED.

1814 CUT-AND-COME-AGAIN.

1685 GRANDIFLORA MIXED.

1840 QUILLED MIXED.

1815 PICOTEE MIXED.

1687 VACCARIA ROSA.

1586 DOUBLE PROCUMBENS.

1824 FLESH PINK.

1825 SALMON ROSE.

1826 SCARLET.

1828 YELLOW.

1830 WHITE.

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1814 CUT-AND-COME-AGAIN.

1813 LILLISET OR POM POM.

1815 PICOTEE MIXED.

1840 QUILLED MIXED.

1816 PICOTEE DELIGHT.

1812 HASTINGS' MONSTER ZINNIA.

1820 CRIMSON.

1822 FLESH PINK.

1825 SALMON ROSE.

1826 SCARLET.

1828 YELLOW.

1830 WHITE.

1813 LILLIPUT OR POM POM.

1815 PICOTEE MIXED.

1814 CUT-AND-COME-AGAIN.

1813 LILLISET OR POM POM.

1815 PICOTEE MIXED.

1840 QUILLED MIXED.

1816 PICOTEE DELIGHT.

1812 HASTINGS' MONSTER ZINNIA.
HASTINGS' SWEET PEAS

This is probably the most popular flower grown today and more improvements have been made on it perhaps than any other flower. In the lower South, Sweet Peas are grown throughout the winter. In the upper South plantings are made from November to March, though January and February outdoor plantings are safest. Culture directions are on each package.

EARLY FLOWERING SWEET PEAS Especially adapted to greenhouse culture and outdoor winter planting in the lower South. They bloom about two weeks sooner than Grandiflora Sweet Peas planted at the same time, and bloom almost as freely. Try some along with the regular Spencers. The Early Flowering type or race is the newest thing in Sweet Peas.


1761 AVIATOR—Dazzling Crimson-Scarlet. Outstanding in its color; one of the world's best. Packet, 15c. Oz., 50c. 1/4 Lb., $1.50. Lb., $5.00.


1768 MATCHLESS—Cream. Best of all cream or so-called yellow Sweet Peas. Packet, 15c. Oz., 50c. 1/4 Lb., $1.50. Lb., $5.00.


1772 ZWOLANKS ROSE—Giant Rose Pink. Finest selected strain of the finest of all Sweet Peas. Packet, 15c. Oz., 50c. 1/4 Lb., $1.50. Lb., $5.00.

1765 HASTINGS' EARLY FLOWERING MIXED—All Colors. Just the right proportion of many different varieties to produce the most pleasing and harmonious color effect. These are all Early or Winter Flowering Spencer Sweet Peas, the newest race or type. Packet, 15c. Oz., 50c. 1/4 Lb., $1.50. Lb., $5.00.

SPENCER SWEET PEAS

The finest race or type, extra large flowers, sometimes double the size of the old forms under good cultivation. Many of the Spencers have wavy and flute-edged petals, which with their rich coloring give an almost orchid-like appearance. Sweet Pea lovers and specialists who want to grow the largest and most beautiful flowers, the best Spencers, they are far ahead of Grandiflora Sweet Peas. These are the finest grown. Prices.


1761 COMMANDER GODALL—New Dark Blue or deep violet blue. Packet, 15c. Oz., 50c. 1/4 Lb., $1.50. Lb., $5.00.


1770 ZWOLANKS ROSE—Giant Rose Pink. Finest selected strain of the finest of all Sweet Peas. Packet, 15c. Oz., 50c. 1/4 Lb., $1.50. Lb., $5.00.

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HASTINGS' BULBS—LIKE HASTINGS' SEEDS—ARE THE FINEST IN AMERICA

Bulbs For “The Home Beautiful”

**Hastings’ Mammoth Crocus**

**First of all Spring Blooms** The Crocus is the first flower to bloom in the spring. Farther north it is often seen while snow still covers the ground. In the South it is perfectly hardy and may be left in the ground to bloom for years. Most every other thing of beauty seems afraid of frost, snow and all cold weather, but the undaunted Crocus comes right out with its beautiful appearance and lets us know that spring is on its way.

Crocuses may be planted for bed effects, either in the garden or in pots, and are among the very earliest to bloom. They may be grown in pots and boxes also but their natural and most beautiful effect is from planting them all through your lawn. They grow very low and will not hurt the lawn, which can be mowed or cut close over them. The crocuses are in bloom.

Crocuses attract more attention than most any other flower because of their extra earliness and delightful rich colorings at a time when no other flower is in bloom outdoors. A planting that is made by planting them in clumps or singly in your lawn. They are most effective in large numbers, 100 to 500 in each bed or a part of your lawn.

**PRICES—Top Size Crowns or Pips—**

- 6 for 50c. 12 for 85c. 25 for $1.25. 100 for $6.00. 1,000 for $30.00. (Finest Florists' Quality, Properly Cured, Ready to Bloom.)

2100 **BARON BRUNOW**—Purplish Mauve. Very pretty and fine.
2110 **CLOTH OF GOLD**—Yellow and Brown. Exquisite combination.
2120 **NON PLUS ULTRA**—Deep Purple with conspicuous white edge.
2130 **SIR WALTER SCOTT**—White Striped Purple or Lilac.
2140 **AMETHYST**—Amethyst Blue. Beautiful new blue with light center. Strong sturdy growth.
2150 **YELLOW MAMMOTH**—Yellow. Extra large and grandest yellow.

**2160 MIXED CROCUS—**All Colors. Our mixture of all varieties above.

**2695 HASTINGS’ NEW GIANT FREESIAS**

The sweetest flower that grows. These small bulbs give very delicate and beautiful blooms, their fragrance being especially delightful. In your home window these exquisite new Freesias which bloom in six weeks after growth starts. The glistening flowers are borne on long stems and are very valuable for cutting. Plant a few every couple of weeks from August to October for a continuation of blooms. The foliage is very fine and slender and it is well to use light stakes in the pots for support. Our new colored varieties are simply exquisite.

They are the very finest varieties in existence and are grown for us by the greatest Freesia specialist known. He is the originator of the exquisite colored Freesias, Mr. Alois Frey, the foremost grower and authority. Refracta Alba or Purity, the pure white, is, of course, still the most popular variety in cultivation.

**2200 REFRACTA ALBA**—Purity White. Standard and most popular Freesia grown. Our bulbs are 3/4 to 1 inch in diameter, large size bulbs and necessary for earliest and finest blooms. 3/4 to 1 inch in diameter, and are not very satisfactory, to show you the difference. 6 for 30c. 12 for 50c. 50 for $1.65.

**2205 AMETHYST**—Amethyst Blue. Beautiful new blue with light center. Strong sturdy growth.

**2210 CALIFORNIA**—Golden Yellow. Large flower, long stems, extra fine growth and bloom. 6 for 30c. 12 for 55c. 100 for $3.50. 1,000 for $27.50.

**2220 GENERAL PERSHING**—Pink. Lavender tint, large flower and very popular.

**2222 ILENA**—Lavender. Rosy tint, white throat, orange blotch on lower petals. Large, attractive flowers. 6 for 40c. 12 for 75c. 100 for $4.50. 1,000 for $30.00.

**2228 MELBA**—New Deep Pink. Deep rich pink with golden throat. Flower very large, 4 to 5 flowers open at a time. Strong grower with several lateral shoots.

**3245 LILY OF THE VALLEY**

**2200 Referata Alba**—Purity White. Standard and most popular Freesia grown. Our bulbs are 3/4 to 1 inch in diameter, large size bulbs and necessary for earliest and finest blooms. 3/4 to 1 inch in diameter, and are not very satisfactory, to show you the difference. 6 for 30c. 12 for 50c. 100 for $1.65.

**2205 AMETHYST**—Amethyst Blue. Beautiful new blue with light center. Strong sturdy growth.

**2210 CALIFORNIA**—Golden Yellow. Large flower, long stems, extra fine growth and bloom. 6 for 30c. 12 for 50c. 50 for $1.65.

**2220 GENERAL PERSHING**—Pink. Lavender tint, large flower and very popular.

**2222 ILENA**—Lavender. Rosy tint, white throat, orange blotch on lower petals. Large, attractive flowers. 6 for 40c. 12 for 75c. 100 for $4.50. 1,000 for $30.00.

**2228 MELBA**—New Deep Pink. Deep rich pink with golden throat. Flower very large, 4 to 5 flowers open at a time. Strong grower with several lateral shoots.

**HASTINGS’ LILY-OF-THE-VALLEY**

**2295 LILY-OF-THE-VALLEY**

The finest Lily of the Valley "Pips" in the world are sold by Hastings, Holland-grown Pips are cheap, inferior, and they do not produce fine blooms like our Berlin-Wittenberg type, imported direct. These Pips are the best of all for all forcing purposes and will do fine for you for pot or box growing.

We can supply Valley Pips every month in the year. Set a bundle of 25 Pips, just as they come, in a pot for house blooms in about 3 weeks; after blooming, naturalize them in a cool, shady place outdoors. No other Valley Pips are as good as these! Compare Them!

**PRICES—Top Size Crowns or Pips—**

- 6 for 25c. 12 for 50c. 25 for 85c. 100 for $3.00. 1,000 for $22.50.

2696 Outdoor Lily of the Valley

**FOR NATURALIZING.** Two-year-old, American grown Crowns or Pips for naturalizing or growing outdoors. These Pips compare in size with the best imported Valley except our special strain above. However, we offer our Berlin-Wittenberg type Pips as "Top-Size" only. They produce strong spikes of 12 to 20 extra large, pure white Pips are very easy for anybody to grow and about the quickest bulb we know to bloom. (Three weeks).

We can supply Valley Pips every month in the year. Set a bundle of 25 Pips, just as they come, in a pot for house blooms in about 3 weeks; after blooming, naturalize them in a cool, shady place outdoors. No other Valley Pips are as good as these! Compare Them!

**PRICES—Top Size Crowns or Pips—**

- 6 for 25c. 12 for 50c. 25 for 85c. 100 for $3.00. 1,000 for $22.50.
Hastings' Giant Trumpet Daffodils

HASTINGS' GROWN DAFFODILS

We just wish you could see these wonderful Daffodils growing on Hastings' Plantation. Thousands of visitors during the blooming season are sure will agree that Hastings' Daffodils were the finest and largest they have ever seen.

We are growing hundreds of thousands of Daffodils and working with about 200 different varieties. They do fine in pots and boxes in the house during the winter and outdoors for the early spring beds, borders and lawn or naturalized plots. They make beautiful cut flowers. They bloom and increase every year.

Culture

Cover the bulb one and a half times its own depth, planting bulbs 5 to 6 inches apart, depending on the size. For greenhouse, hot bed or house culture treat as Hyacinths, except 3 or more bulbs are planted in each pot.

2520 EMPRESS—Bicolor Giant Trumpet. Robust grower with large flowers. Trumpet is rich chrome-yellow and perianth is full and white. See illustration. Midseason flowering; 18 inches. 3 for 30c, 6 for 50c. 12 for 90c. 100 for $5.00. 1,000 for $50.00.

2510 EMPEROR—Giant Trumpet. Very popular Daffodil. Pure yellow primrose of large size with wide, overlapping perianth. Midseason flowering and 18 inches in height. Excellent for naturalizing. 3 for 45c, 12 for $1.50. 100 for $11.00.

2533 KING ALFRED—Extra Giant Trumpet. Its size, vigorous growth and deep richness of color make it the Finest Giant Golden Yellow Daffodil. Flowers fully 4 inches across. Early; height 20 in. 30c each. 3 for 95c. 12 for $1.95. 100 for $10.00. 1,000 for $50.00.

2548 NELLY—White Wide Trumpet. Very pale primrose, turning pure white, both trumpet and perianth. Early, strong grower and beautiful medium size flowers; 15 inches. A beautiful white Daffodil. 3 for 55c, 12 for $1.50. 100 for $7.50.

2535 EMPIRE—Extra Giant Trumpet. See picture. Trumpet mouth is beautifully fluted; size is extra large. Perianth light chrome-yellow; trumpet deep chrome-yellow. Early; 15 in. Value is in earliness and size; 30c each. 3 for 75c. 12 for $2.25. 100 for $17.00.

2591 ROBERT SYDENHAM—Immense Giant Trumpet. Striking primrose perianth and rich yellow trumpet. Our choice as the greatest of all Trumpet Daffodils. In exceedingly good taste; late midseason; 16 inches. 35c each. 3 for $1.00. 12 for $3.50. 100 for $25.00.

2594 VAN WAVEREN GIANT—Bicolor Extra Giant Trumpet. Called the biggest Daffodil in the world. See picture. Perianth soft-primrose-yellow with a bright yellow trumpet. Similar to Robert Sydenham but slightly later. Height 15 inches. 35c each. 3 for $1.00. 12 for $3.50. 100 for $25.00.

Giant Incomparabilis

2512 CROESUS—Rich Novelty. Very large, round, overlapping, imbricated creamy yellow perianth and exceptionally wide expanded, rich reddish orange cup. Excellent form and substance. Highest awards; outstanding. $1.75 each. 3 for $5.25, 12 for $17.50.

2507 BERNARDINO—Best yet seen of this type. Huge size, heavily frilled and fluted, deep blood-orange cup and cream perianth. Magnificent flowers on 22-inch stems. Hardy grower forming nice garden clumps. Several awards of merit. 25c each. 3 for 65c. 12 for $2.25. 100 for $15.00.

2540 LUCIFER—Large; golden orange colored cup with scarlet suffusion, surrounded by the winter's arms, adorned with white petals. Bold, showy color for outdoors; keeping its color well. Also stands light forcing. Height, 18 inches. New York shows feature it. 3 for 35c. 12 for $1.10. 100 for $7.00.

2590 SIR WATKINS—Extra Giant Incomparabill. Called the Giant Welsh Chalice Flower. The king of half-trumpet Narcissi. Sulphur-yellow perianth with deep yellow cup, extra large flower 5 inches across. Midseason; 18 inches. 3 for 30c. 12 for 90c. 100 for $5.00. 1,000 for $35.00.

2585 WILL SCARLET—Flowers for Rock Gardens. Fiery orange-red and elegantly frilled cup mouth, deepest sulphur at base. Perianth is ivory white; flowers over 3 inches wide and beautiful chalice flowered; 12 inches. Latest Daffodil to bloom and nearest to red. 3 for 45c. 12 for $1.50. 100 for $10.00. 1,000 for $50.00.

2590 ORANGE PHOENIX—FINEST DOUBLE—“Bacon and Eggs.” Best and most beautiful of all doubles. Double bicolor flowers with rich orange nectary. Splendid for pots, cutting and outdoors; exceptional. Midseason; 19 inches. Does not turn green. 3 for 25c. 12 for $7.50. 100 for $45.00.

2592 THALIA HASTINGS—TRIANDUS HYBRID—The Orchid Narcissus. The only large-flowered Triandus. Pure paper-white, chalice flowered like Butterfly Orchid, and produces 3 to 5 large flowers per stem. Exquisitely beautiful, hardy grower and extra novelty. $3.50 each. 3 for $10.00. 12 for $38.50.
Giant Barri-Leedsi

2578 SIRDAR—Pure white trumpet with conspicuous red eye; free-flowering on strong 12-inch stems. Quite the largest and best of the new Poet narcissi and award of merit winner. Plant early in rich soil for largest flowers. 3 for 30c. 12 for $1.25. 100 for $13.00. 1,000 for $120.00.

Poetaz

2521 GOLDEN SCEPTRE—The outstanding yellow Poetaz. Creamy yellow perianth and pure yellow cups. Fine, very floriferous and excellent cut-flower variety. Early, with 5 to 9 large florets on each strong stem. Excellent forcing variety. 35c each. 3 for 95c. 12 for $3.50. 100 for $21.50.

Poeticus Type


2523 HELIOS—The outstanding yellow Poetaz. Creamy yellow perianth and pure yellow cups. Fine, very floriferous and excellent cut-flower variety. Early, with 5 to 9 large florets on each strong stem. 12 for $2.25. 100 for $21.50. 1,000 for $120.00.

Jonquils

2502 ADMIRATION—Newer and perfumed Van Waveren cluster-flowered variety with soft sulphur-yellow perianth and milk-white cups edged bright orange. Excellent for forcing. 25c each. 3 for 65c. 12 for $2.25. 100 for $21.50.

2527 HORACE—Pure white perianth with yellow cups, edged bright orange. Delightfully perfumed; tall, strong stems. 3 to 5 flowers each stem; midseason; 24 inches. Special Price: 3 for 95c. 12 for $3.35. 100 for $21.50.

2535 LAURENS KOSTER—This variety is especially recommended. Holland is crazy about it. Pure white perianth with yellow cups, edged bright orange. Delightfully fragrant; tall, strong stems; midseason; 24 inches. Special price: 3 for 30c. 12 for $1.25. 100 for $13.00. 1,000 for $100.00.

2532 JONQUIL—The old fashioned, small, cluster-flowered, sweet-scented Jonquil of our Grandmothers’ door-yards. Deep golden yellow clusters of 3 to 8 florets on rush-like foliage. Very effective at base of rock garden and extremely hardy. 3 for 30c. 12 for $1.25. 100 for $13.00. 1,000 for $100.00.

MIXED DAFFODILS—For Naturalizing. Write for cheap prices.

PAPER WHITE NARCISSUS

2561 CHINESE SACRED LILY—This Flower of the Gods, “Shui Sin Far,” Water Fairy or Joss Flower as it is called by celestials, is a variety of Narcissus that blooms profusely; chaste flowers of silvery white with cups or short trumpets of golden yellow.

2600 See picture to left, growing fine in water. The famous Polyanthus or Paper White Grandiflora Narcissus. The easiest grown and most popular of all bulbs. Good for open ground planting in the lower South, pot culture in the house and delightful growing in water. Plant bowls every two weeks for blooms from Christmas to Easter in the house. Daffodils are fine but nothing can take the place of Paper White Narcissus—the most popular of all bulbs.

2602 GRAND SOLIEL D’OR—The outstanding Yellow Poetaz. Creamy yellow perianth and bright orange cups or eyes. Excellent for indoor culture, best flowering is had from November and December planted bulbs. Plant bowls every two weeks for blooms from Christmas to Easter in the house. Daffodils are fine but nothing can take the place of Paper White Narcissus—the most popular of all bulbs.

2604 CHINESE SACRED LILY—This Flower of the Gods, “Shui Sin Far,” Water Fairy or Joss Flower as it is called by celestials, is a variety of Narcissus that blooms profusely; chaste flowers of silvery white with cups or short trumpets of golden yellow.

These large size mother bulbs are of great vitality and luxuriant growth, producing spikes of flowers within six to eight weeks after planting. They do well in pots of earth and bloom uniformly if not planted too early. For forcing or indoor culture, best flowering is had from November and December planted bulbs. Plant bowls every two weeks for blooms from Christmas to Easter in the house. Daffodils are fine but nothing can take the place of Paper White Narcissus—the most popular of all bulbs.

We of the central and lower South have a great opportunity with these exquisite, fragrant, many flowered, pure white flowers outdoors. Bulbs—3 for 35c. 6 for 65c. 12 for $1.25. Not Prepaid—1,000 for $10.00.

GARDEN LOVER BOOKS

WRITE FOR COMPLETE CATALOG OF GARDEN BOOKS.

BOOK OF BULBS—F. F. Rockwell. 254 Pages. $1.00
PLANTING & CULTURE OF DAFFODILS—A. C. Hottes. 200 Pages. $1.00
HOW TO GROW ROSES—F. E. Palmer. 176 Pages. $1.00
ROCK GARDENS—Handbook. F. F. Rockwell. 90 Pages. $1.00
BULBS THAT BLOOM IN THE SPRING—T. A. Weston. 268 Pages. $1.00
HOUSE PLANTS—Milady’s—F. E. Palmer. 176 Pages. $1.00

H. G. Hastings Co., Seedsmen, Atlanta, Georgia
HYACINTH BULBS

Culture
Hyacinths do best in a rich, light loam but do well in any good soil. For bedding and other outdoor planting, set bedding bulbs 6 to 8 inches apart each way and 10 inches apart for the selected exhibition varieties. Cover each bulb about one and a half times its own depth.

For pot culture with the exhibition varieties the most beautiful spikes are made with only one bulb to each 5-inch pot or three or four in a larger pan. It is essential for blooming indoors that the growth be started in the dark. A frequent mistake is made by bringing the bulbs into the light too soon, resulting in a failure to bloom or weak spikes.

Potted bulbs may be entrenched or heeled in the garden and covered with six inches of ashes or gravel for moisture and to prevent frost damage. A bed of ashes should be beneath the pots too, to keep out worms. They may also be kept dark and well watered in a cold-frame or cool cellar. Keep them dark for 12 weeks and then keep them in low temperature (about 50 degrees) for 2 weeks until top growth is well developed. Then you may force them as rapidly as you want. You will have strong, compact spikes by keeping close to the glass or window and giving plenty of air. This extra care is worth while.

For growing in bowls of water, start in a cool, dark place for 2 weeks until top growth is well developed. Then you may force them as rapidly as you want. You will have strong, compact spikes by keeping close to the glass or window and giving plenty of air. This extra care is worth while.

SELECT EXHIBITION HYACINTHS

These are the finest selected Hyacinths in existence and the largest sized bulbs grown. They produce huge spikes of brilliant, fragrant, exquisite blooms. With them you know you have the best in all the world. Compare our prices with all others.

2395 CITY OF HAARLEM—Yellow. Real exhibition variety; considered the finest yellow Hyacinth. Pure soft yellow, large truss, well filled with bells. Medium maturity, a splendid sort for all purposes and a prize winner. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

2390 CORREGGIO—White. Beautiful purest white. A magnificent flower truss filled with large bells of excellent substance. One of the finest exhibition varieties. Second early. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

2400 GARIBALDI—Red. Glowing deep crimson-red with a large spike. An early variety of great merit and the best red for early forcing in pots or bowls of water and a fine outdoor grower. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

2410 GERTRUDE—Dark Pink. Dark rosy pink; large compact truss on a strong stem. Unrivalled for pot culture. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

2420 KING OF THE BLUES—Dark Blue. Perhaps the largest Hyacinth in existence. Splendid, well finished flower-truss of a most brilliant shade of bright indigo-blue: excellent for late forcing and bedding. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

2315 LADY DERBY—Rose Pink. Very fine large, heavy spike, excellent for pot culture as well as outdoors, with strong stem that holds the truss well and bright pure rose pink. Considered the finest rose-pink Hyacinth. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

2430 LA GRANDESSE—Pure White. Stands as yet unrivalled as the queen of white Hyacinths. The intense whiteness of the large, fleshy bells and size and shape of truss are unequalled. Perfect form; see picture on left. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

2440 QUEEN OF THE PINKS—Pink. New novelty, one of the greatest acquisitions to date. Sport of King of the Blues, just as brilliant in color as its parent; very bright rose pink, clear tone; large spike, large bells. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

2445 ROI DES BELGES—Bright Scarlet Red. Most popular of the deep reds. Upright, well filled large compact truss. Exceptional bedder as well as for indoor culture. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

2450 YELLOW HAMMER—Creamy Yellow. The most popular yellow: early; splendid forcer. Medium sized bells forming a very compact, ball-shaped, very beautiful truss. 20c each. 3 for 55c. 12 for $1.90. 100 for $12.50.

Exhibition Hyacinth Collection “A”
To introduce these wonderful bulbs, the finest and largest in America, we offer you one each of these 12 superb varieties above for $1.75. 3 Bulbs of each for $4.35. 12 of each for $18.00.

Exhibition Hyacinth Collection “B”
One bulb each of the 6 different colors—Pink, Yellow, Rose, Red, White and Blue—our selection from varieties above, 95c.

Try (2410) Yellow Hammer, (2390) Correggio, (2430) La Grandessee (2410) Gertrude in Pots and Outdoors. They Are Prize Winners.
BEDDING HYACINTH BULBS

The following named varieties are, with the Exhibition varieties on the preceding page, the finest varieties in existence. The only material difference is in the size of the bulbs and the slight difference in color. Order the largest bulbs on Page 34 if you can afford it, but you will find the following the finest bedding size bulbs that you can buy. They are extremely adapted for bedding and outdoor culture but also do well in pots and bowls of water. Plant these by the hundred. Hyacinths are the cheapest prices in years.

BEDDING HYACINTH BULBS

2325 MARCONI—Deep Rose. Very bright in color, large compact truss, a splendid pot Hyacinth, blooming later than others. Fine form and a very worthy and popular leader.

2340 MORENO—Pink. One of the earliest pinks and most popular in Europe. Very heavy truss, almost too large. Extra fine for forcing as well as growing outdoors.

2350 QUEEN OF THE WHITES—White. The leading white for forcing and bedding; early; pure white. 15c each. 3 for 30c. 12 for $1.05. 100 for $7.00.

2355 ROBERT STEIGER—Red. A very choice new introduction for us. We don't know of anyone else in America with this fine brilliant red. Equally desirable for indoor and outdoor planting.

2370 GENERAL DE WET—Light Rose. A sport from Grand Maitre; very fine variety with a very broad spike of beautiful rose flowers. Just as fine as its famous parent.

2390 GRAND MAITRE—Lavender Blue. The most popular blue. Bright deep lavender blue; shaded darker blue; bells form a spike of immense size and perfect shape. 15c each. 3 for 30c. 12 for $1.05. 100 for $7.00.

2395 ROBERT STEIGER—White. Pure snow white; spike well filled and perfect round shape. Broad wide open petals. Early, bright and pretty.

2270 GENERAL DE WET—Light Rose. A sport from Grand Maitre; very fine variety with a very broad spike of beautiful rose flowers. Just as fine as its famous parent.

2280 GRAND MAITRE—Lavender Blue. The most popular blue. Bright deep lavender blue; shaded darker blue; bells form a spike of immense size and perfect shape. 15c each. 3 for 30c. 12 for $1.05. 100 for $7.00.

2290 GRAND MAITRE—Deep Rose. Very bright in color, large compact truss, a splendid pot Hyacinth, blooming later than others. Fine form and a very worthy and popular leader.

2300 KING OF THE YELLOWS—Yellow. Handsome compact spike of a rich deep yellow. 15c each. 3 for 30c. 12 for $1.05. 100 for $7.00.

2310 LA VICTOIRE—Red. There is no brighter bedder. Bells are close together, forming a long, heavy, splendidly finished spike. See picture of La Victoire at right. 15c each. 3 for 30c. 12 for $1.05. 100 for $7.00.

2320 L'INNOCENSE—White. The leading white for forcing and bedding; early; pure white. 15c each. 3 for 30c. 12 for $1.05. 100 for $7.00.

2330 MENELIK—Dark Blue. Undoubtedly the best very dark blue Hyacinth; almost black, a glittering bluish black. Spike is large and well formed, demanding attention.

2340 MORENO—Pink. One of the earliest pinks and most popular in Europe. Very heavy truss, almost too large. Extra fine for forcing as well as growing outdoors.

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2290 GRAND MAITRE—Deep Rose. Very bright in color, large compact truss, a splendid pot Hyacinth, blooming later than others. Fine form and a very worthy and popular leader.

2300 KING OF THE YELLOWS—Yellow. Handsome compact spike of a rich deep yellow. 15c each. 3 for 30c. 12 for $1.05. 100 for $7.00.

2310 LA VICTOIRE—Red. There is no brighter bedder. Bells are close together, forming a long, heavy, splendidly finished spike. See picture of La Victoire at right. 15c each. 3 for 30c. 12 for $1.05. 100 for $7.00.

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2355 ROBERT STEIGER—Red. A very choice new introduction for us. We don't know of anyone else in America with this fine brilliant red. Equally desirable for indoor and outdoor planting.

HASTINGS’ MIXED HYACINTHS—ALL FROM NAMED VARIETIES

Our own mixture of leading named varieties, grown separately, so we know they are all fine bloomers and the finest Bedding Size Hyacinths for sale in America. Usually, 13 to 15 centimeter size bulbs are offered as Bedding Size Hyacinths. Hastings' are 15 to 16 centimeter size bulbs, each order mixed separately to make certain of a well balanced blend or assortment of colors. Bulbs, each a different variety, 30c. 12 Bulbs, all different, 85c.

50 Bulbs, assorted, for $0.35. 100 Bulbs, assorted, for $0.50.

BEDDING HYACINTH COLLECTION

One each of the above 12 first bedding size Hyacinths—just as fine varieties as the Exhibition Hyacinths, but not quite as large bulbs. These are 15 to 16 centimeter bulbs, while the Exhibitions are top size, 19 centimeters and up in circumference. They are excellent for outdoor use and also good for growing in pots and bowls and vases of water.

12 Bulbs—12 Varieties—Individually Wrapped and Named—$1.00 Postpaid.

Lilies

LILIES

LILIAM CANDIDUM “The Madonna Lily”

Grown in Northern France. Arrive in September. Must be planted by November. Order these two varieties and plant as soon as possible for most magnificent spring bloom.

LILUM REGALE “Regal Lily”

Originally from China, now grown in America. Plant October to April. Generally considered the most beautiful of all Lilies. Easily grown and in great demand all over America. Flowers are white suffused with pink and with an exquisite shade of canary-yellow towards the center. The jasmine-like fragrance is fascinating and you will be delighted with its charming beauty. Well grown plants often produce 5 to 8 large blooms on 3 to 4 foot plants in June.

LILUM CANDIDUM “The Madonna Lily”

Grown in Northern France. Arrive in September. Must be planted by November. Order these two varieties and plant as soon as possible for most magnificent spring bloom.

LILUM REGALE “Regal Lily”

Originally from China, now grown in America. Plant October to April. Generally considered the most beautiful of all Lilies. Easily grown and in great demand all over America. Flowers are white suffused with pink and with an exquisite shade of canary-yellow towards the center. The jasmine-like fragrance is fascinating and you will be delighted with its charming beauty. Well grown plants often produce 5 to 8 large blooms on 3 to 4 foot plants in June.

LILUM CANDIDUM “The Madonna Lily”

Grown in Northern France. Arrive in September. Must be planted by November. Order these two varieties and plant as soon as possible for most magnificent spring bloom.

LILUM REGALE “Regal Lily”

Originally from China, now grown in America. Plant October to April. Generally considered the most beautiful of all Lilies. Easily grown and in great demand all over America. Flowers are white suffused with pink and with an exquisite shade of canary-yellow towards the center. The jasmine-like fragrance is fascinating and you will be delighted with its charming beauty. Well grown plants often produce 5 to 8 large blooms on 3 to 4 foot plants in June.
HARDY GARDEN IRIS

FLAG LILY OR FLEUR-DE-LIS—BEARDED IRIS GERMANICA

Culture
Irises thrive best in a well-drained, sunny location though sun half the day will suffice. Fertilizer is only necessary in poor soils. A little lime in acid soils is beneficial. Plant so the top of the rhizome or root is not more than half an inch beneath the surface. Plant any time of year, except while in bloom, that ground can be worked. Irises are our most satisfactory perennial.

Standards are the upper petals; Falls are the drooping petals. Heights given are only approximate. Numbers following variety names are their percentage ratings by the American Iris Society for exhibition perfection. Write for Special Order Prices on Quantity Lots.

CRIMSON KING—Both Standards and Falls rich deep purple. Extra early, welcomed as first to bloom. 30 in. 20c. 6 for $1.25. 12 for $3.75. 100 for $30.00.

CANDORABLE—Standards rich golden yellow; Falls rich mahogany. 30 in. 3 for 45c. 12 for $1.25. 100 for $12.00.

KHDIVE—Standards sky blue; Falls light violet blue. Old standard for large flower and early. 28 in. 3 for 45c. 12 for $1.80. 100 for $15.00.

LENT A. WILLIAMSON—88. 42 in.; early. S. lavendar-violet. F. velvety pansy-violet. Rated best of all Iris. 35c. 3 for $1.05. 12 for $3.80. 100 for $35.00.

MME. PATRINE—A outstanding Iris—Only $.75. 30 in.; late; delicate lilac, with violet at the base. Free flowering. 30c. 3 for $1.05. 12 for $3.80. 100 for $35.00.

QUEEN OF MAY—73. 30 in.; midseason. Soft blue-rose, pink in effect. Vigorous, fragrant, most popular pink-toned Iris. 30c. 3 for $1.05. 12 for $3.80. 100 for $35.00.

VIOLACEA GRIS COLUMBA—F. S. and F. clear violet blue. Largest planted variety. 30 in. 3 for 45c. 12 for $1.25. 100 for $10.00.

Other Varieties
The above varieties are all popular standard German or Garden Irises. Our complete list of about sixty of the finest varieties, including the new and rare sorts, will be found in our Nursery Annual, ready Oct. 1st. Please write for it if at all interested.

HARDY GARDEN IRIS COLLECTION—$1.65

One plant each of the above 12 popular Irises, each variety labeled, a grand display and large range of colors, $2.65 value—all for $1.65. (Our selection of six varieties for 85c.)

BEAUTIFUL BULBOUS IRIS FOLLOW TULIPS IN BLOOM

These exquisite spring flowering American grown Iris bulbs are not to be confused with the old Spanish Iris. These have much larger flowers and bloom 2 weeks earlier. Flowers are borne on stiff, straight stems about 2 feet high; colors are rich and clear. They are excellent forced or outdoors. Award of Merit. 3 for 30c. 1 for 55c. 12 for $1.00. 100 for $9.00.

GEGGA-NO-NAMI—(Waves under Moonlight.) White. Earliest to bloom and very free-blooming. Color is glistening white with rich creamy-white stigmas. 35c each. 3 for $1.00. 12 for $3.50.

KOKI-NO-IRI—(Parallel.) Purple-purple. Enormous double flowers often ten inches across. Rich violet-purple, white stigmas tipped violet; golden throat. 35c each. 3 for $1.00. 12 for $3.50.

UCHU—(Universe.) Blue and Gold. Beautiful, 6-petaled flowers of largest size. Cerulean-blue with golden center and white halo and rays. Standards white, tipped blue. 35c each. 3 for $1.00. 12 for $3.50.

ISO-NO-NAMI—(Shallow Waves.) Pink and Blue. Magnificent double flowers; suffusion of rose and cerulean blue over white, gold blushed center of rosy blue. 35c each. 3 for $1.00. 12 for $3.50.

The Exquisite and Stately Dutch Iris From Bulbs
HASTINGS’ TULIPS

Hastings’ Tulip Bulbs are the finest that come from Holland. From our trial grounds study and from observations of large plantings we have selected varieties for their exquisite beauty and general satisfaction. Anyone can do well with them.

Tulips even more than ever are the most popular fall-planted bulbs. Their gorgeous lawn displays in borders and beds cannot be equalled by any other flower. The rich, bright colors and lovely shades of bloom on strong, gigantic stems, many over 2 feet long, capture us all.

Some folks get confused about Darwin, Cottage, Breeder and Rembrandt Tulips. One can easily forget these type names. They can be equalled by any other flower. The rich, bright colors and general satisfaction. Anyone can do well with them.

Culture

Plant bulbs 5 inches deep and 5 or 6 inches apart each way outdoors. A half inch of sand beneath the bulbs gives good drainage for wet weather. For house culture or “forcing,” plant as soon as you receive the bulbs from us. Keep cool (55 to 60 degrees is best), because the slower growth wins are mostly self colors except no yellows. Breeders are mostly striped in two or more colors. Select the colors you want and be equalled by any other flower. The rich, bright colors and general satisfaction. Anyone can do well with them.

Rembrandt Tulips. One can easily forget these type names. They can be equalled by any other flower. The rich, bright colors and general satisfaction. Anyone can do well with them.

Finest Tulips. Plant Tulips by the hundreds this fall. Take advantage of our Collection Offers but also get a plenty of the individual varieties at these low prices.

SINGLE-EARLY FLOWERING TULIPS

Early Flowering Tulips, single and double, are 2 to 3 weeks earlier than other types, but not as tall. They are fine for low beds, parterres, borders, indoor or outdoor plantings. We have selected varieties for their exquisite beauty and general satisfaction. Anyone can do well with them.

2728 CHRYSOLORA—Pure Yellow, 12 inches. Medium early. Large flower, fine bedder. 3 for 25c, 12 for 50c. $5.50 per 100.

2729 ORANGE BRILLIANT—Brilliant Scarlet, 12 inches. Early. Long perfect flower. 6 for 30c, 12 for 55c. $3.75 per 100.

2731 DIANA—Pure White, 11 inches. Early. Immense flower on strong stem. 3 for 25c, 12 for 75c. $1.50 per 100.

DOUBLE-EARLY FLOWERING TULIPS

2754 COUTURE D’OR—Orange Yellow, 12 inches. Early. Stiff stems, large flower. 3 for 25c, 12 for 50c. $5.00 per 100.

2758 LUCRETIA—Deep Pink, 14 inches. Medium. Artistic and beautiful flower. Forcing. 3 for 25c, 12 for 75c. $3.50 per 100.

2767 RUBRA MAXIMA—Crimson, 11 inches. Medium. Deep, brilliant vermilion crimson. 3 for 25c, 12 for 75c. $3.50 per 100.

TULIP SPECIES—FANCY NOVELTIES

2721 CLUSIANA—Species, White, Pink borders, 12 in. Exquisite, perfect cottage form, small white with maroon bands of rich pink. Distinctive. 3 for 25c, 12 for 50c. $1.00 per 50c. $3.50.

2723 MONSIEUR MOTTET—Lily-Flowered, White. 12 in. Fancy novelty; 3 or more blooms on each stem and very pretty. Fine for cutting and attracts wide attention. 3 for 30c, 6 for 55c. $1.00 per 100. $5.00 per 100.

THE FANTASTIC PARROT TULIPS

2715 ADMIRAL OF CONSTANTINOPLE—Flamy Red. Flashing with gold stripes, green and maroon. 3 for 25c. 6 for 45c. 12 for 55c. $1.00 for $5.50.

2716 FANTASY—Latest Novelty. Pink. Deeply inlaid, largest, most striking large extended flowers, green ribs. Beautifully fantastic. Finest Parrot Tulip. 65c each. 3 for 1.50. 6 for 2.50. 12 for 5.00. $5.00 per 100.

2717 MARKGRAAF—Variegated Yellow. Very inlaid, largest, most striking colors of red, yellow, green. 3 for 25c. 6 for 45c. 12 for 75c. $1.00 for $5.00.

2718 PERFECTO—Variegated. Largest golden yellow, red and green feathers; deeply inlaid. Showy. 3 for 25c. 6 for 45c. 12 for 75c. $1.00 for $5.00.

BIZARRE REMBRANDT TULIPS

2701 APOLLO—Rosy Lilac and white with deep carmine markings. 20 inches. 3 for 35c. 6 for 60c. 12 for 75c. $1.00 for $7.25.

2705 RED PRINCE—Rose with fiery red flames shooting through petals. 20 inches. 3 for 35c. 6 for 60c. 12 for 75c. $1.00 for $7.25.

2710 SALOMÉ—Carmine rose with striking white markings. Refined taste. 20 inches. 3 for 35c. 6 for 60c. 12 for 75c. $1.00 for $7.25.

2713 THE BARTON—Red with big white stripes and dark carmine. 20 inches. 3 for 35c. 6 for 60c. 12 for 75c. $1.00 for $7.25.

2714 THE PROFESSOR—White, striped currant-red with striped carmine tips. 20 inches. 3 for 35c. 6 for 60c. 12 for 75c. $1.00 for $7.25.
GIANT DARWIN TULIPS

Dwarvs are the perfect cup shaped Tulips with strong petals, tall stems and bright colors through shades of pink to red and purple. There are no yellow Darwins, so refer to Cottage Tulips on page 40, usually distinguished by their pointed petals, to give you full range of colors. Approximate length of stems are given for consideration in selecting varieties for beds and borders.

2828 BARTIGON—Brilliant Red, 26 in. Very showy, fine shapely flower on strong stem with white base fringed blue. The parent of our introduction, the Fringed Tulip. Spring on page 37. 6 for 35c. 60c doz. $4.25 per 100. $30.00 per 1,000.

2831 CENTAINE—Deep Rose, 28 in. An exquisite rose-pink with large blue center and flushed cerise. One of the finest, large, perfect flowers on perfect stems. Excellent for forcing, beds, cut flowers. 6 for 35c. $4.00 per 100. $25.50 per 1,000.

2832 CLARA BUTT—Apple Blossom Pink, 22 in. Clear pink, flushed salmon rose, with blue center and white halo. Medium sized flower of good form and probably planted more than any other variety for outdoor use and forcing indoors. Medium late. 6 for 35c. 60c doz. $4.00 per 100. $25.50 per 1,000.

2834 CLARA BUTT—Bright Rose Pink, 28 in. Bright hyacinth with pale silvery borders. Large flower and very popular Tulip for both forcing and bedding. Highly recommended. Medium early. 6 for 35c. 60c doz. $4.00 per 100. $30.00 per 1,000.

2835 EUGENE.—Rose Carmine, 26 in. Rich color of deep old rose, appearing velvety red with blue. Enormous flower of stately habit, very popular for forcing and superb for outdoor planting. Extremely popular. Early. 6 for 35c. 52c doz. $3.75 per 100. $25.50 per 1,000.

2836 PRINCESS ELIZABETH—Rose, 28 in. Exceptional and beautiful, large, pointed cup-shaped flower. Very uniform; in great demand by florists and one of the finest for all purposes. 6 for 35c. 60c doz. $4.00 per 100. $25.50 per 1,000.

2837 THE SULTAN—Maroon, 24 in. Fine dark color, almost black. Very glossy flowers on straight slender stems. Needed for a wide range of colors and its distinguished appearance. Excellent growth, color and substance. 6 for 35c. 60c doz. $4.00 per 100. $25.50 per 1,000.

2838 EUROPE—Glowing Crimson, 24 in. Dazzling vermillion; white and blue center. The parent of our introduction, the Fringed Tulip. Early. 6 for 35c. 60c doz. $4.00 per 100. $25.50 per 1,000.

2839 KING HAROLD—Dark Red, 24 in. Extra large, very rich deep red with violet shadowing outside. Called a rich Pride of Haarlem, certainly an immense, three of these "Big 10" Giant Darwins, 50 bulbs, separately labeled, for $2.00. 25 Bulbs each of these 10 varieties (250 bulbs), only $8.50. 100 Bulbs each of these 10 gorgeous Giant Darwin Tulips (1,000 bulbs), for $25.75.

50c Darwin Tulip Collection As illustrated from photographs on the rear cover page. One bulb each of the above ten splendid varieties of Giant Darwin Tulips, giving you a beautiful range of color in these, the most colorful and most stately flowers of spring blooming. A real bargain you won’t find elsewhere. Each of these 10 Darwins, 50 bulbs, separately labeled, for $2.00. 25 Bulbs each of these 10 varieties (250 bulbs), only $8.50. 100 Bulbs each of these 10 gorgeous Giant Darwin Tulips (1,000 bulbs), for $25.75.

2844 GLOWING CARMINE, 24 in. Exquisite shade of soft heliotrope or silvery lavender-violent with silvery gray edges. Very popular medium-sized flower of rare coloring on silvery stems. Medium early. 6 for 35c. 60c doz. $4.00 per 100. $25.50 per 1,000.

2847 CCTV—Maroon, 24 in. Medium sized flower in perfect taste. Excellent substance, growth and color; a deep rose-pink, flesh pink edges, rich pink inside. Refined and more beautiful than any other variety for outdoor use and forcing indoors. Medium late. 3 for 20c. 6 for 35c. 70c doz. $4.50 per 100. $31.50 per 1,000.

2849 MILLICETTE—Pink, 24 in. Beautiful rich lavender, very pretty for forcing and in perfect taste. Fine foliage, medium early, good size flower, wide rounded petals. One of the finest Tulips yet and of exquisite color, now coming so popular. 6 for 45c. 60c doz. $3.75 per 100. $23.75 per 1,000.

2853 PETRUS HONDIUS—Pink, 24 in. Slight cornaline-rose, edged blush pink, very warm and brilliant color and a very lovely Tulip of medium size. It is a splendid forcer and sure to be pleasing as well as pretty outdoors and in pots. 3 for 20c. 6 for 35c. 60c doz. $4.00 per 100. $28.50 per 1,000.

2855 MELICETTE—Pink, 24 in. Beautiful rich lavender, very pretty for forcing and in perfect taste. Fine foliage, medium early, good size flower, wide rounded petals. One of the finest Tulips yet and of exquisite color, now coming so popular. 5 for 45c. 60c doz. $3.75 per 100. $23.75 per 1,000.

2857 FABULOUS LADY—Creamy White, 26 in. Faintly flushed with soft heliotrope but almost pure white. Fair-sized flower with pulpy stems. A very good forcer and outdoor variety. Really beautiful and needed in every assorted plant- ing. Poised on tall stems. Called 35c. 70c doz. $4.00 per 100. $25.50 per 1,000.

2859 RAOUWENHOFF—Bright Red, 24 in. Enormous size; richest deep rose inside. Petal edges slightly waved. Exceptional, richest color, and one of the finest varieties in our whole list. You will surely be proud of this in your garden or in the flower shows. 5 for 35c. 6 for 35c. 60c doz. $4.00 per 100. $25.50 per 1,000.

$1.00 SPECIAL DARWIN TULIP COLLECTION

The greatest value in Tulips of which we know. Just think of all these beautiful named varieties from 50c to 4.75 each in the most beautiful Darwins in cultivation. 50 Bulbs, 100 Varieties. Only $1.00. 5 Bulbs each of the superb 20 Giant Darwins (100 bulbs) for $1.25. 25 Bulbs Each of these 20 gorgeous Giant Darwin Tulips (500 bulbs), for only $27.00. 100 Bulbs Each of these 20 kinds (2,000 bulbs), for $59.50. Just try to imagine as gorgeous a display as this in any planting regarded of price or kind of flower.

TULIPS—THE CHEAPEST FLOWER DISPLAYS

NOTICE—Order early while stocks are full on all varieties. These are Top Size Bulbs Only.
NEW AND POPULAR DARWIN TULIPS

Varieties below are outstanding beauties. Remember, these are the finest bulbs of the finest Tulips in all the world. Plant a plenty for the greatest displays of Tulips and especially Darwins always show up to greatest advantage when planted in quantity. Displays are generally larger and regardably better when the variety planted together, 25 or more of a kind takes the 100-price rate.

2826 APHRODITE—Rose Pink, 30 inches. Beautiful rich, waxy, rose pink; darker and far richer than Clara Butt. Slender stems; Excellent substance. Finest of its color. For 45c. 6 for 90c. 12 for $1.85. $9.00 per 100.

2827 BLUE AIMABLE—Blue Lavender, 26 inches. Exquisite soft bluish lavender shade with white center stamens. Very large flower of distinct shape. Beautiful rare coloring. For 25c. 6 for 45c. 90c doz. $5.50 per 100.

2830 CITY OF HAARLEM—Intense Scarlet, 31 inches. Simply immense size. Huge cup-shaped flowers; petal tips incurving. Blue base with white halo. About the finest brilliant red Darwin. 3 for 60c. 6 for 90c. 90c doz. $5.50 per 100.

2832 ECLIPSE—Deep Red, 26 inches. Extra large, rich, velvety, deep red. Excellent growth and substance. Outstanding display for garden or cutting. Grow it for the flower show. Beats Pride of Haarlem. 25 each. 3 for $1.00. $1.35 doz. $8.50 per 100.

2842 FEU BRILLIANT—Fiery Red, 30 inches. Large, deep, rich, brilliant orange-red. Heavy growth, excellent substance; gorgeous, brilliant display beds. 3 for 25c. 6 for 45c. 90c doz. $5.50 per 100.

2846 JUBILEE—Purple, 30 inches. Richest royal purple self color; wide blooms, excellent growth. Very high rating, exceptional color. Outstanding, 3 for 35c. 6 for 70c. $1.35 doz. $8.00 per 100.

2848 LA TULIPE NOIR—Dark Purple, 26 inches. The darkest Tulip in black appearance; also best dark Darwin. 3 for 35c. 6 for 70c. 75c doz. $5.00 per 100.

2851 LOUISE DE LA VALLIERE—Clear Rose, 27 inches. Large self rose; richest and deepest rose of clear, beautiful color. Excellent. New. 3 for 30c. 6 for 55c. $1.05 doz. $7.00 per 100.

2875 SIR TREVOR LAWRENCE—Royal Purple, 26 inches. Beautiful violet purple. Lighter at edges and tips. Square shape; excellent Darwin. 3 for 30c. 6 for 55c. 75c doz. $5.00 per 100.

2886 VALENTINE—Light Violet, 28 inches. With purple cast and electric blue-white base. Large, bold flower. Beauty. 3 for 30c. 6 for 55c. 75c doz. $5.00 per 100.

2888 VERSAILLES—Dark Violet, 21 inches. Large extra large dark violet, rounded tips. Excellent growth and substance. Superb new Darwin of the new popular violet color. For 30c. 6 for 55c. 85c doz. $5.50 per 100.

Well Designed and Pleasing Display of Darwin, Breeder and Cottage Tulips in Border Clumps—Plant Quantities of Tulips.

Hastings’ New Nursery Annual

The beautiful new catalog of Hardy Nursery Plants and Bulbs will be ready about Oct. 1st. It is interesting and very valuable. Ask for it on your order or on a postcard.

GIANT BREEDER TULIP COLLECTION

The aristocratic Breeder Tulips in their beautiful blends of richest colorings have rapidly come into great popularity. This class as a whole is even larger than the Giant Darwins. They add distinction to the Darwin and Cottage Tulips, are borne on the long stems and bloom at the same time, so are planted with them, especially in borders and clumps, where all Tulips are shown at their best.

2803 BRONZE QUEEN—Buff-Bronze, 28 inches. Soft buff, inside tinged golden bronze, yellow base. General appearance is purplish fawn, a large, strong flower of fine form on stout stem. Fine outdoors and a superb forced indoors. See picture. 3 for 25c. 6 for 40c. 75c doz. $4.50 per 100. $25.50 per 1,000.

2805 CARDINAL MANNING—Wine Red, 26 inches. A beautiful shade of rosy violet, flushed rosy bronze. Large egg-shaped flower on a tall stem and highly recommended. This is one of the most popular varieties and well deserves its demand. 3 for 30c. 6 for 55c. 90c doz. $5.50 per 100. $34.00 per 1,000.

2812 KLOPSTOCK—Silvery Deep Lavender, 26 inches. With dark heliotrope stripe; margined purplish lilac, large yellowish base and intense blue halo. Large long shaped flower of a very beautiful color. A very handsome Tulip outdoors and also forces well. 3 for 35c. 6 for 55c. 100c doz. $6.00 per 100. $37.50 per 1,000.

2814 LOUIS XIV—Dark Purple, 32 inches. Flushed bronze with broad margin of golden brown. Very large globular flower with green-black base, starred yellow. A flower of state ranks with some of the most wonderful Tulips in existence. Forces well. 3 for 35c. 6 for 45c. 80c doz. $5.25 per 100. $37.50 per 1,000.

2816 MEDEA—Crushed Strawberry, 24 inches. An enormous flower, one of the largest in cultivation; salmon carmine in color and stain a rich violet and with a yellow center. A new Darwin of the new popular violet color. For 30c. 6 for 45c. 80c doz. $5.25 per 100. $37.50 per 1,000.

2823 YELLOW PERFECTION—Old Gold, 27 inches. Fine cupped flower of very rich old gold color, large brilliant. Excellent substance. One of the most pleasing and outstanding of all Tulips. Straight, long stems, heavy growth, early bloomer. 3 for 30c. 6 for 45c. 80c doz. $5.25 per 100. $37.50 per 1,000.

45c Breeder Tulip Collection

Breeders are the Aristocrats of the Tulip family. No garden collection is complete without Breeders and they are usually larger than Darwins in flower. You surely want them. We make this, a collection offer. One Bulb each of the above 6 exceptional Breeder Tulips for only 45c. 5 Bulbs Each of these 6 varieties for $1.85. 25 Bulbs Each of these 5 outstanding Breeder Tulips (150 bulbs), only $7.35. 100 Bulbs Each of these 6 varieties (600 bulbs), only $25.50.
MORE FINE BREEDER TULIPS

Real Giant Tulips, similar to Darwins except come in more blended colors, especially the rich bronzv shades that add distinction to the garden. Planted with Darwin and Cottage Tulips in border clumps, they give variety, soften the harsh colors and blend the whole. These aristocrats of the Tulip family, with their immense blooms on strong, stiff stems, frequently exceeding 40 inches, have become the most sought after of all the Tulips. They may also be flowered in deep pots in early March by gentle forcing with moderate temperature in full light.

EXQUISITE COTTAGE TULIPS

Giants in size and maturity at the same time as Darwins and Breeders. Indispensable because only type containing yellow varieties. Usually distinguished from others by their exquisitely formed, gracefully pointed petal tips, many reflexed when fully open. Our choice of the most beautiful of all Tulips are these 7 splendid varieties. We offer 3 Bulbs of Each of these 7 splendid varieties of Cottage Tulips for $4.55. 25 Bulbs Each of all (175 bulbs) for only $6.75. 100 Bulbs Each for a glorious display (700), for just $23.50.

MORE FINE BREEDER TULIPS

Real Giant Tulips, similar to Darwins except come in more blended colors, especially the rich bronzy shades that add distinction to the garden. Planted with Darwin and Cottage Tulips in border clumps, they give variety, soften the harsh colors and blend the whole. These aristocrats of the Tulip family, with their immense blooms on strong, stiff stems, frequently exceeding 40 inches, have become the most sought after of all the Tulips. They may also be flowered in deep pots in early March by gentle forcing with moderate temperature in full light.

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Hastings' hardy two-year outdoor grown Roses are noted for fineness of fragrance, form and color wherever the "Queen of Flowers" can be grown. These plants have been blooming profusely all summer on Hastings' Plantation, where over 100,000 everbloomers and climbers in over 400 varieties are growing. Varieties below are most popular of all. Order Now! Shipments are usually by November 15. Be sure and write for the new 1931-1932 Nursery Catalog, containing complete descriptions of all the new show winning sensations.

**Prices 75c each. Any 3 for $1.85. Any 10 for $5.05. 23 for $12.90. 100 for $49.00. (Except where priced otherwise.) Planting Directions with Each Order. Take advantage of these splendid offers. T. means Tea Rose; HT, Hybrid Tea; HP, Hybrid Perpetual; Poly, Polyantha Rose.

### SOUTHERN ROSE COLLECTION

**$5.75** TALISMAN—HT. Sensational winner at all shows. Long, perfect buds, 25 to 28 petals: blend of colors combines gold, apricot, yellow, pink and deep rose pink. **$1.00.**

**Pres. Herbert Hoover**—HT. Pink, Flame, Scarlet, Yellow. The outstanding 1931 novelty: large flowers, broad, thick petals; very fragrant; handsome foliage; strong grower. **$1.00.**

**Chas. K. Douglas**—HT. Crimson Scarlet. Fine, long pointed buds opening to large flowers: slightly fragrant. Strong, branching growth; abundant healthy foliage. Unfading red garden rose. **75c.**

**Etoile de France**—HT. Bright Crimson. Vivid color, full, rounded centers of cerise; fragrant and long lasting. Strong, stiff stems: free-blooming; good foliage. The standard red. **75c.**

**Gold Rambler—HT. Rose-Red.** Big, globular flowers on strong canes, which are freely produced until frost; excellent foliage. The most popular Rose in America. **75c.**

**Mme. Butterfly**—HT. Light Pink. Tinted gold at petal bases: of exquisite shape and fragrance. Brighter color and better bloomer than its parent, Ophelia. Good growth. **75c.**

**Radiance**—HT. Rose Pink. Brilliant buds: well formed; globular, very fragrant flowers. Splendid growth and wonderful bloomer. Easiest growing, most reliable pink HT Rose. **75c.**

**Double White Killarney**—HT. Pure White. Long-pointed buds opening enormous petals. Vigorous grower and very free-bloomer, similar to Killarney except in color. **75c.**

**K. Auguste Viktoria**—HT. Creamy White. Perfect buds and flowers, lemon at first center; fragrant, hardy and rather vigorous. Extremely lovely and the indispensable white. **75c.**

**Duchess of Luxembourg**—HT. Rich Yellow. Orange centered, fragrant, exquisitely shaped. Beautiful for cut-flowers. Similar to Sunburst but stronger grower. **75c.**

**Lady Hillingdon**—T. Soft Pink. Perfect pointed buds and elegantly cupped flowers of deep yellow, paling at edges; fragrant. Erect, with perfect foliage. Simply exquisite. **75c.**

**Rev. F. Page Roberts**—HT. Golden Yellow. Copper-red, very long buds, opening golden yellow stained outside with red, 40 to 50 petals, very large and very fragrant. Ideal in size and color. **$1.00.**

### Southern Nursery Rose Collection

One, No. 1, highest grade, budded Rose bush of each of the above 12 outstanding new and most popular standard varieties, a wonderful assortment of gorgeous colors for your Rose garden at the special collection price—a real bargain offer. **$5.75**

### The 3 Perpetual Roses—$1.75

**FRAU KARL DRUSCHKI**—HP. White American Beauty. Magnificent snow-white, deep cream petals; absolutely perfect shape; no fragrance. Best white Rose in existence; tall, free bloomer. **75c.**

**Gen. Jacqueminot**—HP. Clear Red. Scarlet-crimson buds. Fine shape; deeply fragrant; plant strong, tall and bushy; normal foliage. Lovely color and fragrance. **75c.**

**Paul Neyron**—HP. Dark Lilac-Rose. Immense size, fair form, very double and fragrant. Quite vigorous, strong, rather smooth canes; free-bloomer. Largest of all; very tall. **75c.**

### The Big 4 Cochet Roses—$1.95

**Etoile de Lyon**—T. Golden Yellow. Large, full buds and flowers with bright center; scented. Healthy, spreading plant with heavy, nodding blooms. Called the Yellow Cochet. **75c.**

**Rambler**—Poly. Rich Carmine. Scarlet tones for brightness and doesn't fade in color during hottest sun. Very double flowers: continuous bloomer; very hardy and vigorous. **75c.**

**Maman Cochett**—T. Carmine Pink. Creamy buff at center. Very large, double blooms of fine form and excellent growth; disease free and very prolific bloomer. **75c.**

**White Maman Cochett**—T. White. Often pink flush on outer petals. Fully double, very large, perfect, very free-bloomer. Disease resistant, vigorous, spreading growth. **75c.**

The 4 Sweetheart Roses—$1.90

**Cecile Brunner-Sweetheart Rose**—Poly. Light Pink. Yellow base; small exquisite flowers in graceful clusters. **75c.**

**Ellen Poulsen**—Poly. Bright Rose-Pink Finest pink "Baby Rambler." Large compact clusters on 15 to 18 in. plant. **75c.**

**Miss Edith Cavell**—Poly. Scarlet-Red. Small flowers of brilliant color, in big, compact clusters on sturdy plants. **75c.**

**Tip-Top or Baby Doll**—Poly. Exquisite blend of yellow and pink. Sweet rose type. Very distinct, bushy, cluster rose. **75c.**

### The 3 Radiance Roses—$1.65

**Mrs. Charles Bell**—HT. Shell Pink. Lovely buds and blooms of fine globular form: soft salmon shading. Exactly like its parent, Radiance, except finer, softer color. **75c.**

**Radiance**—HT. Rose Pink. Described in opposite column. **75c.**

**Red Radiance**—HT. Rose Red. See opposite column. **75c.**

### B.U.T.T. Best 4 Climbing Roses—$1.85

**CLIMBING AMERICAN BEAUTY**—HW. Brilliant Carmine. 3 to 4 inch fragrant flowers of fine form produced in abundance. Early and very beautiful, especially in a cool season. Color fades in hot sun. **75c.**

**Dr. W. Van Fleet**—HW. Pink. Undoubtedly the best of all climbing Roses. Ranked first by the American Rose Society. Perfectly formed, long perfect pink buds. **75c.**

**Paul's Scarlet Climber**—HW. Red. Intense scarlet flowers of fine shape: brightest and purest red climber. Midseason, excellent pillar Rose, blooms in clusters last several weeks. Easily the best red. **75c.**

**Silver Moon**—HW. White. Long creamy buds, nearly single, giant flowers borne in small sprays, extra vigor, growing 15 to 20 feet in one season: perfect foliage. Ranked second by Am. Rose Society. **75c.**

### Climbing Rose Collection—One each of these 4 greatest climbing Roses in existence. Order several at $1.85.
500 ALFALFA

Alfalfa or Lucerne Clover is the most talked of and most widely planted of all clover varieties in the world. Alfalfa in the South will produce 5 to 20 tons of hay to the acre each year and in true value is worth 45% more than other clovers and 60% more than Timothy hay. It will grow 4 or 5 crops a year and it does not exhaust the soil; it enriches the soil. Its long branching roots penetrate far down, 15 to 20 feet, and so loosen the subsoil that it is a gigantic subsoiler, resists drought, and gets plant food where other crops would be a failure. When the plants are destroyed in order to raise other crops on Alfalfa land, the large roots decay and produce a vast source of fertility to be used by following crops.

Fall sowing is preferable although fine results can be obtained from early spring sowing. Get it thoroughly established by first preparing your land, applying plenty of lime, and using the seedling you should inoculate the seed. If your land has never had Alfalfa growing on it before, be sure to inoculate the seed with nitrogen-gathering bacteria for Alfalfa which are necessary. See Stimulator, Page 47. It is adapted to almost the entire South. Do not sow on wet ground, high and rather dry being preferable, and only cut when coming into bloom.

503 BUR CLOVER Builder of Land and Animals. It's a builder from start to finish, adding nitrogen to the soil for succeeding crops, adding vegetable matter, holding plant food from washing away in winter rains, and building up your live stock every day it is grazed.

It is an annual legume, coming from seed each year, furnishes some grazing during the winter, and if grazing is stopped late in March it will make a good hay crop in May. However, most prefer to let it go to seed, thus reseeding the ground for another winter's grazing. In the meantime summer crops can be easily grown on the same ground. The seed matures in time for the soil to be plowed by June first. Its growth is strong, even on poor ground. On soils too poor for rye to get high enough to cut, Bur Clover made a growth of 2½ to 3 feet high.

Also called Swedish Clover. Best clover for wet lands. On soils too poor for rye to get high enough to cut. Bur Clover made a growth of 2½ to 3 feet high. It is fine for sowing in Bermuda Grass sod. Lb., 45c. 5 Lbs., $1.80. Not Prepaid—10 Lb. lots, about 30c per Lb. 100 Lbs. or over, about 26c per Lb. Write for special quantity prices.

504 CRIMSON CLOVER

Thousands of farmers are now planting winter soil building crops. They have opened the eyes of the South. Crimson Clover is the most largely planted. It is a distinct and most valuable annual clover for sowing in late summer and fall in all parts of the South.

One enthusiastic grower wrote: “Crimson Clover is a vegetable gold mine—it will yield under fair conditions 8 to 10 tons of green feed per acre, ½ to 2 tons of hay, and is considered worth fully $20.00 to $50.00 per acre as a fertilizer crop. Succeeds on almost all kinds of soil except the very poorest. It is especially valuable in light sandy or loamy soils. Sow at the last working of staple crops like cotton or corn; it is now also largely used in seeding down orchards. Crop can be grazed during the winter and fall. Crimson Clover is the most largely planted. It is a distinct and most valuable annual clover for sowing in late summer and fall in all parts of the South.

Crimson Clover is the most largely planted. It is a distinct and most valuable annual clover for sowing in late summer and fall in all parts of the South.

This clover does well in the Central South. Most all permanent lawn and pasture mixtures should also have some White Clover. By itself it makes good grazing for cattle and sheep. It is perennial with rather uncertain habits of growth, sometimes covering the ground with a thick mat of vigorous plants and sometimes lying comparatively dormant, so it should be seeded into sod or mixed with other clovers or grasses. It succeeds best on moist ground, rich in subsoil, and in a wet season. If sown by itself use 10 pounds per acre, or half that amount in a mixture. Highest grade seed. Lb., 65c. 5 Lbs., $2.60. Not Prepaid—10 Lb. lots, about 50c per Lb. 100 Lbs. or over, about 26c per Lb. Write for quantity prices.

508 American Grown Red Clover

A valuable farm crop in the northern part of the Cotton Belt. Equally good for pasture, hay or soil improvement. Even the first crop makes rich feed and is most valuable for hay. Red Clover is a nitrogen-gathering plant and one of the best soil improvers. Crimson Clover is the farmer's best friends, used in the regular rotation. Sow in the fall or spring, September and March being best. American grown seed. Crimson Clover is a nitrogen-gathering plant and one of the best soil improvers. Crimson Clover is the farmer's best friends, used in the regular rotation. Sow in the fall or spring, September and March being best. American grown seed. Crimson Clover is the farmer's best friends, used in the regular rotation. Sow in the fall or spring, September and March being best. American grown seed. Crimson Clover is the farmer's best friends, used in the regular rotation. Sow in the fall or spring, September and March being best. American grown seed.

NOTICE! A great amount of foreign grown Red Clover is sold in the bur. Sow at the rate of 50 to 50 pounds per acre.
AUSTRIAN WINTER PEA

402 A remarkable new winter legume, coming rapidly to the front. It resembles an early table or English Pea in size of seed, Canada Field Pea in character of vine growth. It's a hearty yielder, can be grazed and will put on a good second growth with better stooling out. It makes splendid hay, excellent for turnings under, a fine winter cover crop and soil improver. It grows 15 to 30 inches high, making a splendid green feed and forage crop relished by all kinds of stock but principally planted for hogs and poultry. It is also popular for "greens" on the table and is a fine substitute for turnip or collard greens. Rape is very hardy, standing any ordinary cold in the winter. Can be grazed or foraging in 3 to 4 weeks after planting, with its broad, succulent leaves, and we know of no crop planted during the fall and winter that will bring as great returns for such a little expenditure of time and money for seeding.

RECOMMENDATION—Rape makes good greens for the table, is particularly fine as a feed for poultry, is relished by cows, sheep and all other live stock, but is especially recommended for hogs. At one of the Experiment Stations one acre of Rape was used, in connection with a small grain ration, to pasture 20 hogs for 3 months. Rape is easily grown, fast growing, and is ready for grazing or green feed much sooner than rye, oats, wheat or barley. It puts and keeps stock in fine condition. Seed is cheap and results are great. You certainly should plant Rape for hogs and poultry.

PRICE—Packet, 10c; Lb., 30c. Not Prepaid.—10 Lb. lots, $1.50 per Lb.; 100 Lbs. or over, about 10c per Lb. Write for large quantity prices when ready to buy.

GRAIN PASTURE MIXTURE

525 BEST GRAIN PASTURE FOR HOGS AND ALL STOCK—Hastings' Special Grain Mixture for Hogs and Cattle will supply you more and better green pasturage during the fall, winter, spring and early summer than any other combination we know.

Made of the finest winter growing grains and forage crops, including Oats, Rye, Wheat and Barley for grazing purposes with enough Vetch and Essex Rape in just the right proportion to add variety to the pasture and help make it a complete diet.

This mixture acts as a cover crop, keeping the land from "washing" during the winter rains and turning it under before the summer crop builds up your soil. If planted with small amounts of rye, oats, wheat or barley for a support after it begins to run, Vetch makes an excellent hay crop, besides which it adds greatly to the fertility of the soil.

PRICE—Not Prepaid.—50 Lb. Bag, $2.50; 100 Lb. Bag, $4.50; 200 Lb. Bag, $8.00.

400 DWARF ESSEX RAPE

DESCRIPTION—Rape in its top growth looks very much like Rutabaga Turnips but it does not form a bulbous root. According to soil and season, it grows 15 to 30 inches high, making a splendid green feed and forage crop relished by all kinds of stock but principally planted for hogs and poultry. It is also popular for "greens" on the table and is a fine substitute for turnip or collard greens. Rape is very hardy, standing any ordinary cold in the Cotton Belt or farther south. It can be grazed or foraging in 3 to 10 weeks after planting, with its broad, succulent leaves, and we know of no crop planted during the fall and winter that will bring as great returns for such a little expenditure of time and money for seeding.

CULTURE—Plow and harrow your land down fine. Plant any time during the late summer, fall or winter, August to April, at the rate of 10 pounds per acre broadcast or 3 to 4 pounds per acre if planted in drills like turnips. If broadcast, cover the seed by a light harrow. The following year Rape may be planted between the corn rows at the last working. It is a winter annual. Use it on land that is usually fallowed and has been plowed under before the winter rains and turned under after the summer crop builds up your soil. If planted with small amounts of rye, oats, wheat or barley for a support after it begins to run, Vetch makes an excellent hay crop, besides which it adds greatly to the fertility of the soil.

PRICE—Packet, 10c; Lb., 30c. Not Prepaid.—10 Lb. lots, $1.50 per Lb.; 100 Lbs. or over, about 10c per Lb. Write for large quantity prices when ready to buy.

401 VETCH, THE WINTER CROP

When we speak of Vetch we mean the plant known as Sand, Hairy or Winter Vetch, which is the hardy variety, standing severe winters in all parts of the South without injury. This is the only variety we recommend. Do not allow yourself to be fooled into buying the Spring Vetch either under the name of Spring Vetch, English Vetch or Oregon Vetch. Such is also used to adulterate Winter Vetch, and if you are offered Winter Vetch at a low price, look out for it. Spring Vetch is usually worth about 2 cents per pound and it is easy to fool the unsuspecting buyer.

Planted with small amounts of rye, oats, wheat or barley for a support after it begins to run, Vetch makes a magnificent hay crop in spring, coming in ahead of everything else except thoroughly established fields of alfalfa, and at the same time leaves added fertility to the soil.

From our own experience with Vetch, we want to impress on our customers the necessity for early planting. We have had splendid results from broadcasting the seed, mixed with oats, at the last working of both corn and cotton. If planted too late in the summer, the crop may be injured by the hot weather in late August or early September and become short and curiosity. In fact, it is a poor year's work to plant Vetch after the 1st of September.

CULTURE—Start it making your land rich this fall. Seed should be inoculated. See page 47 for Soil Bacteria Cultures. Remember—there is no better winter crop in the south than Winter Vetch. We bank on it on the Hasting's Plantation and we recommend it as highly as we possibly can. It's a real crop.

PRICE—Packet, 15c; Lb., 40c. Not Prepaid.—10 Lb. lots, about 14c per Lb.; 100 Lbs. or over, about 9c per Lb. Write us when you are ready to buy and we will tell you the exact price in any quantity. Genuine Winter, Sand or Hairy Vetch.
WHEAT CULTURE

Write for our "Grain Book," which gives you detailed instructions about Wheat and other grains. The best time to plant Wheat in the Southern States is from October 15 to December 15, giving the plants a chance to get a start before freezing weather. In early seeding, plant one bushel of seed per acre. After about November 15, it's better to use 1 1/2 to 1 1/2 bushels per acre. Plant in drills, using the "open furrow" method, the same as for Oats. Wheat is easily grown in the South and much more of it should be planted.

FULCASTER WHEAT

This is a bearded wheat of the finest type grown anywhere. Fulcaster is a thoroughly acclimated wheat grown here in the South for many years. It's strong, vigorous and heavy yielding. It makes satisfactory crops in good seasons and bad. It's extremely hardy, standing our severest winters without serious injury, and a safe, reliable variety to plant.

There are thousands of people each year in the South who plant wheat for the first time and possibly do not give the preparation that more experienced growers would give. To such we especially recommend our Fulcaster, for it will stand adverse conditions better than any variety of wheat we know. When you plant Fulcaster you know exactly what you have, an acclimated wheat that makes heavy yields. Write for prices on quantity you need when ready to buy.

HOW TO PREVENT GRAIN SMUT

The greatest drawback to planting grains is "Smut." Smut can infect any variety of grain, but it is hardly as prevalent anywhere that is not infected. We could treat all our grain seeds before sending them out but such is not practical nor effective. You must treat your grain before planting. Here's the way to prevent smut:

Keep all barberry bushes cut close to the ground. Treat every lot of seeds, wheat or Barley you plant with "Ceresan" or "Formalin." The day before planting spread grain on floor and sprinkle thoroughly with a solution of Ceresan. Simple dilution directions are printed on packages.

For Oats and Barley, 1 pound treats 5 bushels of seed. For Wheat, Rye and other cereals, 1 pound treats 8 bushels of seed. It surely pays to prevent grain smut in your crops.

Write for our "Grain Book," which gives you detailed instructions about Oats, Wheat, Rye and other cereals, 1 pound treats 8 bushels of seed. It surely pays to prevent grain smut in your crops.

HASTINGS' WINTER RYE

SOUTHERN GROWN—All our rye is strictly winter rye and perfectly hardy. It is Southern grown and adapted to this entire section. Either for winter grazing or grain production. With half a chance it almost invariably "makes good" wherever planted in the South. Every bushel of rye that goes out from this house is right stock. Our rye comes from where it caused exclusively from where it comes. Every bushel of it goes through our re-cleaning machinery, which takes out dust, trash and light grains that are left by threshing machines. It's exactly what you need to make a successful rye crop for winter. Write for our best prices on quantity you want when ready to buy.

ABRUZZI RYE—SOUTHERN GROWN

We have grown Abruzzi Rye many years and do not hesitate to say that it is as far ahead of the old Southern Rye as the Southern is ahead of Northern Rye. Adapted to Southern conditions, pure Abruzzi Rye is the best Rye for the South. It stools out quicker and has the habit of covering the ground and getting its roots in early and going through the winter. It can be pastured a month or six weeks earlier than other varieties of Rye or Oats.

For the dairymen especially, this early pasture makes it invaluable. For others it is certainly worth while planting a variety that will make 50% more pasturage or hay than other sorts.

Frankly, the best Georgia Winter Rye is often sold as Abruzzi Rye. Abruzzi has become so well spread and mixed with Georgia Rye that there is practically no pure, original Italian Abruzzi. Southern grown seed, on the market. We have obtained some of the real Southern grown Abruzzi this year, however, and offer it as long as the supply lasts. We ask you to write for a special quotation and as soon as we are ready to have it on hand, you will make the best Georgia Winter Rye.

ROSEN RYE

"SOUTHERN GROWN" is being dumped into the South by the carload. Most of it is common Western Rye but Rosen Rye itself is mighty poor in the South. Plant Southern grown Winter or Abruzzi Rye for success.

BEARDED BARLEY

In recent years there has been a great increase in barley planting, especially by poultry raisers, who want it for winter feeding and grazing. Furnishes fine grazing through the fall, winter and spring; also makes a fine quality hay. If not grazed too long Barley may be harvested for grain, making it a dual purpose crop. Very easily grown through the South and your idle land needs this cover crop. Sowed at last cotton or corn working, the only expense is the cost of seeds. All our Barley is recleaned and tested Southern grown seed, Northern grown seed, 1 pound treats 8 bushels of seed.

Write for our best prices on quantity you want when ready to buy.
HASTINGS’ 100-BUSHEL OATS

BEST of ALL HEAVY YIELDING RUST-PROOF OATS for the SOUTH

For paying, worth while oat crops the planter must have a good heavy yielding, well adapted “rust-proof” variety, and then strong, vital, re-cleaned and graded seed of that variety. In the past too little attention has been paid to the quality of seed planted, especially seed grain.

On our part we knew that we could not furnish the best unless we first grew or had grown for us the best quality possible and then re-cleaned it of weed seed and small undeveloped grains. This necessitated our spending thousands of dollars for re-cleaning machinery, steady, regular and effective in seed cleaning.

It is no exaggeration to say that the Hastings’ system of re-cleaning and grading increases the stand by at least 15% over seed not re-cleaned. Besides, every plant coming up is capable of making a vigorous plant giving a maximum yield.

Oats are easier to grow than corn, cost less to make and are a far better feed in summer for work stock, being less heating. They furnish a combination of grain and hay feed in case it is inconvenient to thresh them out.

Hastings’ 100-Bushel Oat is a true strain of Southern rust-proof oats. For an all around general purpose oat you can find nothing that will compete with it. Planted in early full it grows off quickly and has proven almost as hardy as rye. Stools out strongly and makes the best kind of grazing for cattle, hogs and mules during the winter and early spring.

PRICES— Dealers selling farm run of oats regardless of quality and not re-cleaned or graded can undersell us. So can a person claiming to sell re-cleaned seed when it has only been run through a fanning mill. It will pay you to plant Hastings’ Oats even at double the price of ordinary seed oats. Hastings’ grains are of the strongest vitality, over 95% germination, as clean and free from dirt, trash, weed seed, chaff and small or undeveloped grains as the best re-cleaning machinery can make them. Further, we use new, sound bags, and give full, even weights. Lb., 30c. Not Prepaid—Bushel, 32 Lbs., 90c. 10 Bushels or over, 75c per Bushel. Write for special prices on quantity lots when ready to buy. It will pay you well.

Hastings’ 100-Bushel Oats, Growing on the Hastings’ Plantation. Order Seed Early and Grow Your Own Feed.

FULGHUM EARLY OATS

Extravagant claims have been made for the Fulghum for extra earliness, large yields, etc., which have not been borne out by actual test. However, it is a good early oat with exceedingly heavy straw. A three-year impartial test by one of the Southern Experiment Stations shows that its average date of maturity is eight days earlier than Appier, and the yield per acre each year ranged from eight to ten bushels less than Appier. Apparently its greatest value is a variety to plant for part of the crop, for by planting half the acreage in Fulghum and half in Appier the length of the harvesting season is lengthened and the farmer with limited machinery equipment can handle successfully a larger acreage.

The Fulghum is the best early oat we have seen for the South. We recommend it as an early oat only and for those willing to sacrifice quantity to earliness. It is a clean, vigorous growing, healthy variety for early crops and has practically superseded the Burt or 90-Day Oat in the Cotton Belt. We grow it extensively on the Hastings’ Plantation and know its merits. Plant some of your crop in Fulghum. Lb., 30c. Not Prepaid—Bushel, 32 Lbs., 90c. 10 Bushels or over, 75c per Bushel. Write for quantity prices.

GENUINE APPLER OATS

A selection from the Texas Red Rust Proof made years ago in Georgia, and was the best variety up to the introduction of our “100-Bushel.” It is a genuine “rust-proof” strain and a main crop Oats for you to plant this year. It’s a heavy yielder, stools out nicely, is very hardy and we will have the best grade you can buy. Lb., 30c. Not Prepaid—Bushel, 32 Lbs., 90c. 10 Bushels or over, 75c per Bushel. Write for quantity prices.

TEXAS RUST PROOF OATS

Genuine Texas grown seed. We get this variety direct from Texas in solid car lots. While we do not recommend it as compared with “100-Bushel” and “Appler” we can supply the very best re-cleaned seed with the weed seed and Johnson Grass, almost invariably found in them, removed. Lb., 30c. Not Prepaid—Bushel, 32 Lbs., 90c. 10 Bushels or over, 75c per Bushel. Write for quantity prices.

Remember! Write for special quantity prices as soon as you are ready to buy on all fall grains. We cannot make definite quantity prices as this is written but will give you our closest prices when you are ready. "It pays to Plant Hastings’ seeds."
It is our belief that every Hastings' seed buyer should be a consistent reader of the best farm paper available. For some years it has been our policy to provide an attractive subscription offer to the Southern Ruralist. Now we feel that all our customers will be highly pleased with the offering of the greatest farm paper that serves Southern farm homes—The Progressive Farmer and Southern Ruralist consolidated into one great farm paper with over 1,000,000 circulation. This union of the South's two greatest farm papers makes it possible more than ever before to serve the interests and needs of every member of every Southern farm family. Thousands of our customers have learned to appreciate and have confidence in the fine articles by such recognized leaders as Dr. Clarence Poe, Culley A. Cobb, Dr. Tait Butler, Lois P. Dowdle, B. W. Kilgore, Jr., W. C. Lassetter and the many other editors who give their entire time to The Progressive Farmer and Southern Ruralist.

Since these two great institutions have been joined in a common cause, there has resulted a farm paper that really does justice to the field that it serves. For over 40 years The Progressive Farmer had been making its weekly visits into a constantly increasing number of farm homes until at the time of the merger it had reached a total circulation of over 600,000 farm homes. Likewise the Southern Ruralist had been delivering wholesome and instructive reading material to its great family of readers for a period of approximately 38 years. Certainly we feel that it is a real service to our customers to be in position to make them the liberal subscription offer which is given on this page.

One of the outstanding advantages of The Progressive Farmer and Southern Ruralist is that its articles relating to farm practices and home conveniences can be accepted with absolute confidence by the readers in every section of the South. In order to make this possible, five separate editions, each serving one of the five major farming divisions of the South, are published.

These editions are as follows:
- Carolinas-Virginias edition for North and South Carolina, Virginia and West Virginia.
- Mississippi Valley edition for Mississippi, Louisiana, Arkansas and West Tennessee.
- Texas Edition for Texas and Oklahoma.
- Kentucky-Tennessee edition for Kentucky, Middle and East Tennessee.

The Progressive Farmer and Southern Ruralist is published on the 1st and 15th of each month, and in every issue there are departments designed to interest the mother, the father, the boy and the girl. There are interesting and instructive articles on the crops that you grow on your own farm, livestock that are common to your section, fiction stories that you like to read, children's stories which not only interest them but help establish a foundation for more useful citizenship in later years.

REASON FOR THIS OFFER

We know you will be glad to get each of the 24 valuable issues during the year. We know you will profit and gain much pleasure from reading the worth-while articles that apply to every farm and home and the entertaining stories published in The Progressive Farmer and Southern Ruralist.

The Progressive Farmer and Southern Ruralist has the largest circulation of any farm paper or magazine in the South. It carries more prestige and naturally can afford the best editors. You know that you can depend on the timely advice given throughout the year in The Progressive Farmer and Southern Ruralist.

We have arranged with The Progressive Farmer and Southern Ruralist the special reduced offer below because it pays us to have our customers well posted on garden, farm and home problems and interests. We are all working alike for better farm conditions. We profit on the Hastings' Plantation from reading The Progressive Farmer and Southern Ruralist regularly, and we know that you will profit likewise.

We might consider this special offer a part of Hastings' Complete Planting Service. In every offer we want to actually give you more value for your money than you can obtain anywhere else. We have chosen The Progressive Farmer and Southern Ruralist as the best all-round farm magazine for the South and offer it to you with your money back if you are not entirely satisfied with it. You cannot find a fairer, squarer offer than that. Just include 25 cents for a one year subscription, along with your order to Hastings'.

SPECIAL SUBSCRIPTION OFFER

The regular subscription price of The Progressive Farmer and Southern Ruralist is 35 cents per year, about 1½ cents per copy. If sent in with your seed order, we can have it sent to you for 22 cents, 1 cent per copy, along with your seed order brings you twice each month for one full year The Progressive Farmer and Southern Ruralist. Latest events in pictures, good stories, editorials and worth-while farming, gardening, orchard, live stock and home information by the leading men and women in Southern agriculture.

In this offer we guarantee full satisfaction and money back at the end of three months if you don't think it worth it. Just enclose 25 cents extra with your seed order for The Progressive Farmer and Southern Ruralist for one year. We will start it coming promptly.
**PULVERIZED SHEEP MANURE**

Best for Lawns, Vegetables, Flowers, Trees, Fruits and Shrubbery

The real secret in making a beautiful, velvety green lawn or parkway, provided you have good, heavy, plump, viable seeds: the real secret in making vegetable and flowering plants grow luxuriantly. It is not a combination of chemical fertilizers but all building plant food—safe and dependable for every fertilizer virus. It not only stimulates plant growth but supplies Humus to the soil for retention of moisture and air circulation, is slow acting to give plants food over the whole season of growth and it puts new life in worn out soils.

10-Lb. bag is equal in plant food value to a whole wagon load of barnyard manure. The cost of a load of manure, hauling it, composting it or just spreading it will very likely be far more than the cost of a Wizard. Being dry and pulverized, Wizard Brand is convenient and easy to use, not objectionable to handling and it makes your lawn and garden grow to perfection. It makes good garden soil. For excellent results use 100 pounds, one bag, to 1,000 square feet (plat of 20 by 50 feet) of lawn or garden or flower yard. Use 1,000 pounds or more per acre. Have this fact and the most beautiful plantings in your neighborhood this year and have a velvety green lawn with Sheep Manure.

**Cheap, Easy to Use—Gets Results**

This concentrated, weedless manure will make your lawn and all plants grow luxuriantly. It is not a combination of chemical fertilizers but all building plant food—safe and dependable for every fertilizer virus. It not only stimulates plant growth but supplies Humus to the soil for retention of moisture and air circulation, is slow acting to give plants food over the whole season of growth and it puts new life in worn out soils.

**Prices of Wizard Brand Sheep Manure**

- **Fertilizers are not to be mailed.** Write for Dealer Prices.
- **SPECIAL TRAVEL PACKAGE, 2 Bu., $1.50.** Bale, 19 bu. (compressed), $4.00. 5 bales, $3.75 per bale. 10 bales, $3.00. 50 bales, at $3.50. 100 bales, at $3.75. Write for quantity or dealer prices.
- **SPECIAL TRAVEL PACKAGE, 2 Bu., $1.50.** Bale, 19 bu. (compressed), $4.00. 5 bales, $3.75 per bale. 10 bales, $3.00. 50 bales, at $3.50. 100 bales, at $3.75. Write for quantity or dealer prices.

**SEMOSEAN**

The organic mercury disinfectant for dust or liquid use on seeds and soil. Inhruiose, fusarium, rots, blight, rust, scab, wilt, mildew, damping off, smut, scurf and many other seed-borne diseases are controlled by this DuPont-Bayer disinfectant. It does not attack nor destroy the seeds and seeds we sell but it’s a poison so we cannot. You can treat all you plant. Write for full information. **POISON!** Cannot be mailed. By Express—Not Prepaid—Lb., $2.75. 25 Lb., $5.00. 100 Lbs., $25.00. 500 Lbs., $2.50 per 100 Lb.

**EVERGREEN**

Non-poisonous, all-around, good and effective fungicide and pyrithymic insecticide that is sure death to common insects. Effective on tomato, potato, radish, beet, turnip, carrot, lettuce, onion, celery, seedlings, and many others. Not Prepaid—Lb., 35c. 5 Lbs., $1.00. 10 Lbs., $2.00. Not Prepaid—5 Lbs., $1.00. 10 Lbs., $2.00. 25 Lbs., $5.00. Not Prepaid—5 Lbs., $2.00. 10 Lbs., $4.00. 25 Lbs., $8.00.

**Fish Oil Soap**

Often used with Tobacco Dust. Lb. box, 5c. 5 Lbs., $1.25. For aphids and flea beetles, especially in soil and around roots. 2 Lb. box, 35c.

**Tobacco Dust**

For aphids and flea beetles, especially in soil and around roots. 2 Lb. box, 35c.

**Hastings’ Special Lawn and Garden Fertilizer (4-12-4)**

Contains elements necessary for all growing plants—grass, shrubbery, gardens and flowers. Efficient, easy to apply and reasonable in price. **Not Prepaid—10 Lbs., 10c. 50 Lbs., 25 Lbs., $1.00.** 100 Lbs., $2.75.

**Loma Plant Food**

Scientifically prepared, quick acting, rich in nitrogen, potassium and phosphates. One of the best for all uses. **Not Prepaid—5 Lbs., 10c. 25 Lbs., 45c. 50 Lbs., $1.75. 100 Lbs., $5.00.**

**Bloomaid**

Contains essential ingredients for rapid growth and full development of flowers, shrubs and vegetables. Good plant food. Lb., 35c. not prepaid.

**Stim-U-plant**

Stim-U-plant tablets are the richest plant foods, sold, highly concentrated, immediately available plant food for lawns, flowers, vegetable and ornamental plants. Small size, 25c. Medium size (100 tablets), 75c. Large size (1,000 tablets), $3.50.

**Bird Seeds**


**BACTERIA CULTURES**

Covers, Alfalfa, Beans, Peas, Vetches, Peanuts and other legumes will yield larger crops per acre if the seeds are inoculated with Stimugerm—a culture of bacteria selected and bred for maximum vitality and ability to form nodules and take nitrogen from the air. Bacteria act on the roots of leguminous plants as mentioned. Stimugerm increases the yield and quality, gives quicker growth, increases food value, supplies nitrates to companion crops and saves fertilizer costs by enriching the soil.

**ORDER BY GROUP NUMBER**

**GROUP 5—Special Garden Fertilizer (for 15 Lbs., a peck of Peas, Beans, Sweet Peas, Perennials, Peas, 23c.)**

- **Group 1—For Red, Crimson Alsike and White Clover. 1/2 Bu. size, 60c. 1 Bu. size, $1.00, 2 1/2 Bu. size, $2.25.**
- **Group 2—Alfalfa, White and Yellow Sweet Clover. Bar and Hubbard Clover. 1/2 Bu. size, 60c. 1 Bu. size, $1.00. 2 1/2 Bu. size, $2.25.**
- **Group 13—For Japan Clover or Lespedeza. 1/2 Bu. size, 60c. 1 Bu. size, $1.00. 2 1/2 Bu. size, $2.25.**

**GROUP 9—Soy or Soja Beans, all varieties. 1 Bu. size, 60c. 5 Bu. size, $2.25.**
**GRASS SEEDS—LAWN, HAY, PASTURE**

**533 Kentucky Blue Grass** Excellent lawn grass; and putting greens; makes the sweetest and best pasture grass. Maximum growth in spring and early summer; more effective the second year than first. Deep vivid green, leaf blades very narrow and slightly curved. Ideal growth is 4-6 inches high in early fall. Grows on all soils but best on low, soft, moist land. Holds well in summer if repeatedly mowed; stands wet weather and overwintering. Chief value is for winter pastures. Sow about 15 Lbs. per acre. Lb., 50c. Write for prices. Not Prepaid—10 Lb., lots, about 32c per Lb. 100 Lbs., or over, about 30c per Lb.

**542 Orchard Grass** Widely used for hay and pastures. Grows on all soils, reaching 4 feet tall in late spring with its large bluish green plants with flat leaf bases. Bears largest grazing. Sow about 45 Lbs. per acre. Lb., 40c. Write for quantity prices. Not Prepaid—10 Lb., lots, about 23c per Lb. 100 Lbs., or over, about 21c per Lb.

**544 Timothy** The most important hay and pasture grass for the northern part of the South and farther north. It is a coarse, vigorous plant with very broad leaves; grows 3 feet tall in summer on rich land. Sow 30 Lbs. per acre. Lb., 35c. Write for quantity prices. Not Prepaid—10 Lb., lots, about 16c per Lb. 100 Lbs., or over, about 14c per Lb.

**545 Red Top or Herd’s Grass** Valuable for lawns and pastures with leaves narrow, long, and dark green. Grows in the mixture. It is properly proportioned for best results and contains Blue Grass, Orchard, Meadow Fescue, Red Top, Tall Meadow, Italian Rye, Crested Dog’s Tail and English or Perennial Grasses. Lb., 40c. 5 Lbs., $1.75. Not Prepaid—10 Lbs., 30c per Lb. 100 Lbs., 25c per Lb. Prices subject to change. Write.

**534 Italian Rye Grass** AMERICAN GROWN. This rapid grower, fine winter and spring lawn grass, with its quick growth; smooth, narrow, flat, shining leaves; ideally reaching 2 feet in summer with moist, medium soil. Especially valuable for early fall and spring planting. Also very valuable for hay and pasture on any soil not water-logged. Sow about 35 Lbs. per acre. Lb., 30c. Write for quantity prices. Not Prepaid—10 Lb., lots, about 23c per Lb. 100 Lbs., or over, about 21c per Lb. Write for prices.

**535 English or Perennial Rye Grass** This mixture is only recommended for the northern parts of Georgia, Alabama, Arkansas and South Carolina, but in North Carolina, Tennessee and further north you will find it gives good results. It is a permanent mixture. Clover and grass seeds won't mix evenly so buy the clover separately. There is no Bermuda or Johnson Grass in the mixture. It is properly proportioned for best results and contains Blue Grass, Orchard, Meadow Fescue, Red Top, Tall Meadow, Italian Rye, Crested Dog’s Tail and English or Perennial Grasses. Lb., 40c. 5 Lbs., $1.75. Not Prepaid—10 Lbs., 30c per Lb. 100 Lbs., 25c per Lb. Prices subject to change. Write.

**546 Timothy** The most important hay and pasture grass for the northern part of the South and farther north. It is a coarse, vigorous plant with very broad leaves; grows 3 feet tall in summer on rich land. Sow 30 Lbs. per acre. Lb., 35c. Write for quantity prices. Not Prepaid—10 Lb., lots, about 16c per Lb. 100 Lbs., or over, about 14c per Lb.

**547 Johnson Grass** Planted in early fall or spring, produces 10 Lbs., 30c per Lb. 100 Lbs., 25c per Lb. Write for prices.

Gentlemen:—I am enclosing $__________ for this order.

Ship to me by — Mail □ Express □ Freight □

Mr. Name Mrs. Name Miss (If Mrs., kindly use husband's first name or initials, as Mrs. Sam B. Clark)

Postoffice __________________________ State __________________________

Rural Box Express or Route No. No. Freight office

(Please do not write in above space)

BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOG ON PAGE 2

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<tr>
<th>Number in Catalog</th>
<th>Quantity</th>
<th>Names of Seeds or Other Articles Wanted</th>
<th>PRICE</th>
<th>Dollars</th>
<th>Cents</th>
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<tr>
<td>SUB. SEED COL.</td>
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<td>1 YEAR'S SUBSCRIPTION TO PROGRESSIVE FARMER- SOUTHERN RURALIST Numbers 25 CENTS</td>
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<td>BULB COL.</td>
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<td>35c—HASTINGS' BIG 7 TURNIP COLLECTION—$1.00 35c for 7 Ounces—7 VARIETIES—7 Quarter Pounds for $1.00</td>
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<td>50c—GIANT DARWIN TULIP COLLECTION—$1.00 10 Varieties for 50c—20 Varieties for $1.00</td>
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Remember——No order too large or too small to send to HASTINGS’
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**Seed Premiums** Please read carefully so that you understand this offer fully. When you order seeds in packets and ounces to the amount of one dollar or over you can select other seeds in packets only to the amount of 25 cents on each dollar's worth of packets and ounces ordered. This does not apply to the larger sized packages, such as quarter-pounds, pounds, two-pounds, etc., nor does it apply on special collections of seeds, onion sets, plants or bulbs. You can not order a dollar's worth of seeds in packets and ounces and then select a quarter-pound of something priced at 25c, or a pound of peas or beans as a premium; neither can you order a dollar's worth of seeds in quarter-pounds, pounds or two-pounds, and then select 25 cents' worth of seeds in packets. To be entitled to these premium seeds you must order seeds in packets and ounces to the amount of a dollar or more, and then select the premium seeds in packets only. **We shall be glad to have you select the premium seeds that your order may entitle you to under this offer.**

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Greatest fine Rose offer we ever made. All exceptional varieties, including the new sensations: Talisman, President Herbert Hoover, and Rev. F. Page-Roberts—all 12 pictured on this page and described inside catalog.

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HASTINGS' Nursery Rose Collection
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We offer all 12 fine Roses pictured on this page in two-year-old, large, strong, well-branched, hardy, outdoor nursery-grown, budded Rose bushes—ready to bloom in early spring. No finer Rose plants than these anywhere at any price. Here are $10 worth of the finest Roses, strongest growers and wonderful bloomers. All make splendid cut-flowers. Order several of these collections at this bargain price... $5.75 POSTPAID
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20 selected, outstanding varieties, the 10 pictured above and all 20 fully described on page 38. All top-size bulbs, the finest of all Tulips.
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50c. Giant Darwin Tulip Collection
The 10 varieties pictured above, including the most popular varieties of today. All top-size, selected bulbs. See page 38.
10 bulbs, 10 varieties, 50c.

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