Seeds, Scoops & Scales

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Germination Standards and Labeling Regulations for Vegetable Seeds*

Labeling requirements for vegetable seeds in containers of one pound or less:
1. Name and variety of seed.
2. Origin, for pepper seed. If unknown, so stated.
3. The year for which the seed is packed or the percentage of germination, month and year tested.

Labeling requirements for vegetable seeds in containers of more than one pound:
1. Name and variety of seed.
2. Lot number.
3. Origin, for snap bean and pepper. If unknown, so stated.
4. Percentage of germination.
5. Calendar month and year the test was completed.
6. Net weight, except when loose in bins or open containers.
7. Name and address of person who labeled seed.
8. No tag or label shall be required, unless requested, on seeds sold directly to and in the presence of the purchaser and taken from a bag or container properly labeled.
9. When seeds are transferred from the original container (that is properly labeled), the lot number, germination, date, and name and address of person who labeled seed must be attached to the new container.

Sampling, Inspecting, and Testing:
It shall be the duty of the Commissioner, who may act through his authorized agents, to sample, inspect, make analysis of and test vegetable seeds transported, held in storage, sold, offered or exposed for sale within this state.

Stop-Sale Orders:
The Commissioner is authorized to issue and enforce a written or printed “stop-sale” order to the owner of custodian of any lot of vegetable seeds which the Commissioner finds in violation of any of the provisions of this article. Any person violating the labeling requirements of the law shall be subject to a penalty covering all costs and expenses incurred in connection with the withdrawal from sale and the release of said seed. This order shall prohibit further sale or movement of such seed until the Commissioner has evidence that the law has been complied with.

*North Carolina Seed Law (Article 31 of Chapter 106, Sections 277.6, 277.7, 277.21, 277.22)

Germination Standard for Vegetable Seeds - The following germination standard shall apply to vegetable seeds offered or exposed for sale or seeding purposes.

<table>
<thead>
<tr>
<th>Percent</th>
<th>Percent</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artichoke</td>
<td>60</td>
<td>Cress, Water</td>
</tr>
<tr>
<td>Asparagus</td>
<td>70*</td>
<td>Cucumber</td>
</tr>
<tr>
<td>Beans, Garden</td>
<td>70</td>
<td>Dandelion</td>
</tr>
<tr>
<td>Bean, Lima</td>
<td>70</td>
<td>Eggplant</td>
</tr>
<tr>
<td>Beets</td>
<td>65</td>
<td>Endive</td>
</tr>
<tr>
<td>Broccoli</td>
<td>75</td>
<td>Kale</td>
</tr>
<tr>
<td>Brussel Sprouts</td>
<td>70</td>
<td>Kohlrabi</td>
</tr>
<tr>
<td>Cabbage</td>
<td>75</td>
<td>Leek</td>
</tr>
<tr>
<td>Carrot</td>
<td>55</td>
<td>Lettuce</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>75</td>
<td>Muskemelon</td>
</tr>
<tr>
<td>Celery</td>
<td>55</td>
<td>Mustard</td>
</tr>
<tr>
<td>Chicory</td>
<td>65</td>
<td>Okra</td>
</tr>
<tr>
<td>Collards</td>
<td>80</td>
<td>Parsley</td>
</tr>
<tr>
<td>Corn-Sweet</td>
<td>75</td>
<td>Parsnip</td>
</tr>
<tr>
<td>Cowpea</td>
<td>75</td>
<td>Peas</td>
</tr>
<tr>
<td>Cress, Garden</td>
<td>40</td>
<td>Pepper</td>
</tr>
<tr>
<td>Pumpkin</td>
<td>55</td>
<td>Radish</td>
</tr>
<tr>
<td>Rhubarb</td>
<td>60</td>
<td>Rutabaga</td>
</tr>
<tr>
<td>Salsify</td>
<td>75</td>
<td>Soybean</td>
</tr>
<tr>
<td>Spinach (except New Zealand)</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Spinach, New Zealand</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Squash</td>
<td>75</td>
<td>Tomato</td>
</tr>
<tr>
<td>Tomato, Husk</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Turnip</td>
<td>80</td>
<td>Watermelon</td>
</tr>
<tr>
<td>Vegetable Seed Or Plant</td>
<td>Amount Per 100' Row</td>
<td>Recommended Varieties</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Asparagus (roots)</td>
<td>65 roots</td>
<td>Jersey Knight</td>
</tr>
<tr>
<td>Beans, Bush Snap</td>
<td>1 pound</td>
<td>Tenderette, Contender, Blue Lake Bush, Roma</td>
</tr>
<tr>
<td>Beans, Pole Snap</td>
<td>½ pound</td>
<td>Kentucky Wonder, Blue Lake</td>
</tr>
<tr>
<td>Beans, Bush Lima</td>
<td>½ pound</td>
<td>Early Thorogreen, Eastland, Fordhook 242, Henderson Bush</td>
</tr>
<tr>
<td>Beans, Pole Lima</td>
<td>½ pound</td>
<td>King of the Garden, Willow Leaf</td>
</tr>
<tr>
<td>Beet</td>
<td>1 oz.</td>
<td>Detroit Dark Red</td>
</tr>
<tr>
<td>Broccoli (plants)</td>
<td>65 plants</td>
<td>Italian Green Sprouting, Premium Crop</td>
</tr>
<tr>
<td>Broccoli (seeds)</td>
<td>½ oz.</td>
<td>Italian Green Sprouting, Salad, Premium Crop</td>
</tr>
<tr>
<td>Brussel Sprouts</td>
<td>½ oz.</td>
<td>Long Island Improved</td>
</tr>
<tr>
<td>Cabbage (plants)</td>
<td>100 plants</td>
<td>Early Jersey Wakefield, Stonehead Hybrid, All Seasons</td>
</tr>
<tr>
<td>Cabbage (seeds)</td>
<td>½ oz.</td>
<td>Early Jersey Wakefield, Stonehead Hybrid, All Seasons</td>
</tr>
<tr>
<td>Cantaloupe</td>
<td>½ oz.</td>
<td>Edisto 47, Burpee Hybrid, Hales Jumbo</td>
</tr>
<tr>
<td>Cauliflower (plants)</td>
<td>65 plants</td>
<td>Snowball</td>
</tr>
<tr>
<td>Cauliflower (seeds)</td>
<td>½ oz.</td>
<td>Snowball</td>
</tr>
<tr>
<td>Collards</td>
<td>½ oz.</td>
<td>Vates, Morris Improved Heading, Champion</td>
</tr>
<tr>
<td>Corn, Sweet</td>
<td>4 oz.</td>
<td>Silver Queen (white), Kandy Korn (yellow), Silver King (white), Golden Queen (yellow), Ambrosia (Bi-Color)</td>
</tr>
<tr>
<td>Chinese Cabbage</td>
<td>½ oz.</td>
<td>Michihili</td>
</tr>
<tr>
<td>Cucumber, Slicing</td>
<td>½ oz.</td>
<td>Ashley, Poinsett 76, Hybrid Sweet-Slice</td>
</tr>
<tr>
<td>Cucumber, Pickling</td>
<td>½ oz.</td>
<td>Early Green Cluster, National Pickling</td>
</tr>
<tr>
<td>Eggplant</td>
<td>65 plants</td>
<td>Black Beauty</td>
</tr>
<tr>
<td>Endive</td>
<td>1 oz.</td>
<td>Green Curled</td>
</tr>
<tr>
<td>Kale</td>
<td>½ oz.</td>
<td>Dwarf Curled Scotch, Early Siberian</td>
</tr>
<tr>
<td>Kohlrabi</td>
<td>½ oz.</td>
<td>White Vienna</td>
</tr>
</tbody>
</table>

*In Mountain area, delay Spring planting date 2-3 weeks; plant 2-3 weeks earlier in Fall. In the lower Coastal Plain, plant 2-3 weeks earlier in Spring and delay Fall planting 2-3 weeks. In Virginia, delay Spring planting date 2-3 weeks; plant 2-3 weeks earlier in Fall. In South Carolina, plant 2-3 weeks earlier in Spring and delay Fall planting 2-3 weeks.
## Vegetable Planting Guide (Continued from other side)

<table>
<thead>
<tr>
<th>Veg, Seed or Plant</th>
<th>Amount / 100 Row</th>
<th>Recommended Varieties</th>
<th>Planting Times for N. C. Piedmont*</th>
<th>Depth to Plant (Inches)</th>
<th>Distance Between Plants</th>
<th>Distance Between Rows</th>
<th>Best Soil pH</th>
<th>Days to Maturity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leek</td>
<td>1 oz.</td>
<td>Large Flag</td>
<td>Sept. 1 - Sept. 30</td>
<td>4 in.</td>
<td>12 - 18 in.</td>
<td>6.0 - 7.0</td>
<td>120 - 150</td>
<td></td>
</tr>
<tr>
<td>Lettuce, Leaf</td>
<td>0 oz.</td>
<td>Salad Bowl, Buttercrunch, Black Seeded Simpson, Romaine</td>
<td>Feb. 15 - Apr. 1; Aug. 15 - Sept. 15</td>
<td>4 in.</td>
<td>12 - 18 in.</td>
<td>6.0 - 6.7</td>
<td>45 - 50</td>
<td></td>
</tr>
<tr>
<td>Lettuce, Head</td>
<td>0 oz.</td>
<td>Great Lakes, iceberg</td>
<td>Feb. 15 - Mar. 15</td>
<td>12 in.</td>
<td>18 - 24 in.</td>
<td>6.0 - 6.7</td>
<td>75 - 85</td>
<td></td>
</tr>
<tr>
<td>Mustard</td>
<td>0 oz.</td>
<td>Southern Giant Curled, Tendergreen, Florida Broadleaf, Old Fashion</td>
<td>Feb. 1 - Apr. 1; Aug. 1 - Sept. 15</td>
<td>2 in.</td>
<td>12 - 18 in.</td>
<td>6.0 - 7.0</td>
<td>30 - 40</td>
<td></td>
</tr>
<tr>
<td>Okra</td>
<td>2 oz.</td>
<td>Clemson Spineless, Lee</td>
<td>May 1 - June 1</td>
<td>12 in.</td>
<td>28 - 36 in.</td>
<td>5.5 - 6.5</td>
<td>50 - 60</td>
<td></td>
</tr>
<tr>
<td>Onion (sets)</td>
<td>1 quart</td>
<td>Silver Skin, Yellow Danvers</td>
<td>Feb. 1 - Mar. 15; Sept. 1 - Oct. 15</td>
<td>4 in.</td>
<td>12 - 24 in.</td>
<td>6.0 - 6.5</td>
<td>60 - 80</td>
<td></td>
</tr>
<tr>
<td>Peas, Garden</td>
<td>1 pound</td>
<td>Super Sugar Snap (edible pod), Early Alaska, Wando, Green Arrow, Knight</td>
<td>Feb. 1 - Mar. 1</td>
<td>2 - 3 in.</td>
<td>18 - 30 in.</td>
<td>6.0 - 6.5</td>
<td>65 - 70</td>
<td></td>
</tr>
<tr>
<td>Peas, Field (Cowpeas)</td>
<td>5 pound</td>
<td>Dixielee, Mississippi Silver, Queen Anne, Browneye Six Week, Pinkeye Purple Hull</td>
<td>Apr. 15 - July 1</td>
<td>4 in.</td>
<td>36 - 42 in.</td>
<td>5.5 - 6.5</td>
<td>55 - 65</td>
<td></td>
</tr>
<tr>
<td>Pepper, Sweet</td>
<td>65 plants</td>
<td>California Wonder, Banana, Keystone Giant</td>
<td>May 1 - May 30</td>
<td>18 in.</td>
<td>3 ft.</td>
<td>6.0 - 6.5</td>
<td>75 - 80</td>
<td></td>
</tr>
<tr>
<td>Pepper, Hot</td>
<td>65 plants</td>
<td>Long Red Cayenne, Jalapeno M</td>
<td>May 1 - May 30</td>
<td>18 in.</td>
<td>3 ft.</td>
<td>6.0 - 6.5</td>
<td>75 - 80</td>
<td></td>
</tr>
<tr>
<td>Potato, Irish</td>
<td>120 plants</td>
<td>Kennebec, Pontiac</td>
<td>Mar. 1 - May 15</td>
<td>4 - 6 in.</td>
<td>10 in.</td>
<td>4.8 - 5.4</td>
<td>100 - 120</td>
<td></td>
</tr>
<tr>
<td>Potato, Sweet</td>
<td>100 plants</td>
<td>Puerto Rico, Centennial Jewel</td>
<td>May 15 - June 1</td>
<td>12 in.</td>
<td>36 - 42 in.</td>
<td>5.4 - 6.0</td>
<td>105 - 135</td>
<td></td>
</tr>
<tr>
<td>Pumpkin</td>
<td>0 oz.</td>
<td>Mammoth Gold, Sugar or Pie, Big Max</td>
<td>June 15 - July 1</td>
<td>4 ft.</td>
<td>6 - 10 ft.</td>
<td>6.0 - 6.5</td>
<td>115 - 120</td>
<td></td>
</tr>
<tr>
<td>Radish</td>
<td>1 oz.</td>
<td>Early Scarlet Globe, Cherry Belle, White Icicle</td>
<td>Feb. 1 - Apr. 15; Aug. 1 - Sept. 15</td>
<td>1 in.</td>
<td>6 - 12 in.</td>
<td>6.0 - 7.0</td>
<td>20 - 25</td>
<td></td>
</tr>
<tr>
<td>Rutabaga</td>
<td>0 oz.</td>
<td>American Purple Top</td>
<td>Feb. 1 - Apr. 1; Aug. 1 - Aug. 15</td>
<td>4 in.</td>
<td>18 - 24 in.</td>
<td>6.0 - 7.0</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>Spinach</td>
<td>1 oz.</td>
<td>Dark Green Bloomsdale, Hybrid 7</td>
<td>Feb. 1 - Mar. 15; Aug. 1 - Sept. 1</td>
<td>4 in.</td>
<td>12 - 14 in.</td>
<td>5.6 - 6.0</td>
<td>45 - 50</td>
<td></td>
</tr>
<tr>
<td>Spinach, New Zealand</td>
<td>1 oz.</td>
<td>New Zealand</td>
<td>Mar. 15 - Apr. 30</td>
<td>12 in.</td>
<td>24 in.</td>
<td>6.0 - 6.5</td>
<td>55 - 60</td>
<td></td>
</tr>
<tr>
<td>Squash, Summer</td>
<td>0 oz.</td>
<td>Early Summer Crookneck, Goldbar, Zucchini, Early Prolific Straightneck</td>
<td>Apr. 15 - May 15</td>
<td>1 ft.</td>
<td>3 - 5 ft.</td>
<td>5.5 - 6.5</td>
<td>50 - 60</td>
<td></td>
</tr>
<tr>
<td>Squash, Winter</td>
<td>0 oz.</td>
<td>Waltham Butternut</td>
<td>Apr. 15 - May 15</td>
<td>4 ft.</td>
<td>8 - 10 ft.</td>
<td>6.0 - 6.5</td>
<td>85 - 95</td>
<td></td>
</tr>
<tr>
<td>Tomato</td>
<td>50 plants</td>
<td>Homestead, Marion, Better Boy, Big Beef</td>
<td>Apr. 10 - July 15</td>
<td>2 ft.</td>
<td>3 - 5 ft.</td>
<td>6.0 - 6.5</td>
<td>75 - 85</td>
<td></td>
</tr>
<tr>
<td>Turnip</td>
<td>0 oz.</td>
<td>Purple Top White Globe, Seven Top (greens only), Just Right Hybrid</td>
<td>Feb. 1 - Apr. 15; Aug. 1 - Sept. 15</td>
<td>2 in.</td>
<td>15 - 18 in.</td>
<td>6.0 - 7.0</td>
<td>55 - 60</td>
<td></td>
</tr>
<tr>
<td>Watermelon</td>
<td>1 oz.</td>
<td>Congo, Charleston Gray #133, Crimson Sweet, Jubilee</td>
<td>Apr. 15 - June 1</td>
<td>3 ft.</td>
<td>5 - 8 ft.</td>
<td>5.8 - 6.2</td>
<td>90 - 100</td>
<td></td>
</tr>
</tbody>
</table>

*In Mountain area, delay Spring planting date 2-3 weeks; plant 2-3 weeks earlier in Fall. In the lower Coastal Plain, plant 2-3 weeks earlier in Spring and delay Fall planting 2-3 weeks. In Virginia, delay Spring planting date 2-3 weeks; plant 2-3 weeks earlier in Fall. In South Carolina, plant 2-3 weeks earlier in Spring and delay Fall planting 2-3 weeks.
# Approximate Number of Seeds Per Ounce and Field Seeding Rates

<table>
<thead>
<tr>
<th>Vegetable</th>
<th>No. of Seeds (Oz.)</th>
<th>Field Seeding* (Lb./Acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asparagus</td>
<td>700</td>
<td>2-3</td>
</tr>
<tr>
<td>Lima Bean, Bush</td>
<td>25-75</td>
<td>40-60</td>
</tr>
<tr>
<td>Lima Bean, Pole</td>
<td>25-75</td>
<td>30-40</td>
</tr>
<tr>
<td>Snap Bean, Bush</td>
<td>100-125</td>
<td>70-90</td>
</tr>
<tr>
<td>Snap Bean, Pole</td>
<td>100-125</td>
<td>20-40</td>
</tr>
<tr>
<td>Beet</td>
<td>1,600</td>
<td>10-12</td>
</tr>
<tr>
<td>Broccoli</td>
<td>8,000</td>
<td>1</td>
</tr>
<tr>
<td>Brussels Sprouts</td>
<td>8,000</td>
<td>1</td>
</tr>
<tr>
<td>Cabbage</td>
<td>8,000</td>
<td>1</td>
</tr>
<tr>
<td>Cantaloupe</td>
<td>1,100</td>
<td>3</td>
</tr>
<tr>
<td>Carrot</td>
<td>23,000</td>
<td>2-3</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>8,000</td>
<td>1</td>
</tr>
<tr>
<td>Collard</td>
<td>9,000</td>
<td>5</td>
</tr>
<tr>
<td>Cucumber</td>
<td>1,000</td>
<td>3</td>
</tr>
<tr>
<td>Eggplant</td>
<td>6,500</td>
<td>1-2</td>
</tr>
<tr>
<td>Endive</td>
<td>15,000</td>
<td>2-3</td>
</tr>
<tr>
<td>Kale</td>
<td>8,500</td>
<td>2-3</td>
</tr>
<tr>
<td>Kohlrabi</td>
<td>9,000</td>
<td>3</td>
</tr>
<tr>
<td>Leek</td>
<td>9,000</td>
<td>4</td>
</tr>
<tr>
<td>Lettuce</td>
<td>25,000</td>
<td>1-2</td>
</tr>
<tr>
<td>Mustard</td>
<td>16,000</td>
<td>4</td>
</tr>
<tr>
<td>New Zealand Spinach</td>
<td>350</td>
<td>15</td>
</tr>
<tr>
<td>Okra</td>
<td>500</td>
<td>8</td>
</tr>
<tr>
<td>Parsley</td>
<td>18,000</td>
<td>3-4</td>
</tr>
<tr>
<td>Pea</td>
<td>175</td>
<td>80-140</td>
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<tr>
<td>Pepper</td>
<td>4,000</td>
<td>1</td>
</tr>
<tr>
<td>Pumpkin</td>
<td>100-300</td>
<td>3-4</td>
</tr>
<tr>
<td>Radish</td>
<td>3,000</td>
<td>10-12</td>
</tr>
<tr>
<td>Rutabaga</td>
<td>11,000</td>
<td>1-2</td>
</tr>
<tr>
<td>Southern Pea</td>
<td>200</td>
<td>50-100</td>
</tr>
<tr>
<td>Spinach</td>
<td>3,000</td>
<td>10-15</td>
</tr>
<tr>
<td>Squash</td>
<td>120-300</td>
<td>2-5</td>
</tr>
<tr>
<td>Swiss Chard</td>
<td>1,600</td>
<td>10-12</td>
</tr>
<tr>
<td>Sweet Corn</td>
<td>150-225</td>
<td>10</td>
</tr>
<tr>
<td>Tomato</td>
<td>10,000</td>
<td>1</td>
</tr>
<tr>
<td>Turnip</td>
<td>13,000</td>
<td>2-3</td>
</tr>
<tr>
<td>Watermelon</td>
<td>300</td>
<td>3</td>
</tr>
</tbody>
</table>

*Actual seeding rates are adjusted to desired plant populations, germination of the seed lot, and weather conditions that influence germination.*
Flower Seed Planting Guide

This table is for middle South climate and conditions. Allowances must be made. It is only a general guide. Abbreviations: T - Tender, H - Hardy, HH - Half-Hardy, A - Annual, B - Biennial, P - Perennial. Months are numbered: 1 - January, 2 - February, etc.

<table>
<thead>
<tr>
<th>Name</th>
<th>Plant Height</th>
<th>Flower Colors</th>
<th>Use</th>
<th>Location Sun-Shady</th>
<th>Mos. to Plant</th>
<th>Mos. to Transplant</th>
<th>Blooming Months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ageratum, HH A</td>
<td>8&quot;-24&quot;</td>
<td>Blue, White</td>
<td>Bedding</td>
<td>Sunny</td>
<td>1-4</td>
<td>4-5</td>
<td>6-11</td>
</tr>
<tr>
<td>Alyssum, HH A, H P</td>
<td>2&quot;-12&quot;</td>
<td>White</td>
<td>Edging</td>
<td>Sunny</td>
<td>3-4</td>
<td>Thin</td>
<td>5-11</td>
</tr>
<tr>
<td>Antirrhinum, TA</td>
<td>24&quot;-60&quot;</td>
<td>Red</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>4-5</td>
<td>6-10</td>
</tr>
<tr>
<td>Aquilegia, HP</td>
<td>18&quot;-36&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Any</td>
<td>8-9</td>
<td>10-11</td>
<td>5-6</td>
</tr>
<tr>
<td>Armeria, H P</td>
<td>6&quot;-8&quot;</td>
<td>Rosy, Pink</td>
<td>Edging</td>
<td>Sunny</td>
<td>2-4, 9</td>
<td>3-5, 10-11</td>
<td>5-9</td>
</tr>
<tr>
<td>Asters, A</td>
<td>12&quot;-30&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Any</td>
<td>1-6</td>
<td>4-5</td>
<td>6-11</td>
</tr>
<tr>
<td>Calendula, HA</td>
<td>12&quot;-36&quot;</td>
<td>Yellows</td>
<td>Bedding</td>
<td>Sunny</td>
<td>1-4</td>
<td>3-5</td>
<td>6-11</td>
</tr>
<tr>
<td>Candytuft, HA</td>
<td>12&quot;-18&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-4</td>
<td>Thin</td>
<td>6-9</td>
</tr>
<tr>
<td>Candytuft, HP</td>
<td>10&quot;-12&quot;</td>
<td>White</td>
<td>Bedding</td>
<td>Sunny</td>
<td>2-4, 9</td>
<td>3-5, 10-11</td>
<td>4-5</td>
</tr>
<tr>
<td>Canna, TP</td>
<td>30&quot;-72&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>2-3</td>
<td>4-5</td>
<td>7-11</td>
</tr>
<tr>
<td>Canterbury Bells, B</td>
<td>18&quot;-42&quot;</td>
<td>Many</td>
<td>Border</td>
<td>Sunny</td>
<td>3-9</td>
<td>4-5</td>
<td>6-7</td>
</tr>
<tr>
<td>Carnation, P</td>
<td>18&quot;-36&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>2-3</td>
<td>4-5</td>
<td>6-10</td>
</tr>
<tr>
<td>Celosia, HH A</td>
<td>24&quot;-36&quot;</td>
<td>Red, Yellow</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>Thin</td>
<td>6-11</td>
</tr>
<tr>
<td>Centaurea, HA</td>
<td>24&quot;-36&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>2-5</td>
<td>Thin</td>
<td>6-9</td>
</tr>
<tr>
<td>Chrysanthemum, A</td>
<td>24&quot;-36&quot;</td>
<td>Several</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>Thin</td>
<td>7-11</td>
</tr>
<tr>
<td>Coreopsis, HP</td>
<td>18&quot;-36&quot;</td>
<td>Yellows</td>
<td>Bedding</td>
<td>Sunny</td>
<td>2-4, 9</td>
<td>4-5, 10</td>
<td>6-10</td>
</tr>
<tr>
<td>Cosmos, A</td>
<td>48&quot;-72&quot;</td>
<td>Several</td>
<td>Bedding</td>
<td>Sunny</td>
<td>4-5</td>
<td>Thin</td>
<td>7-11</td>
</tr>
<tr>
<td>Dahlia, TP</td>
<td>36&quot;-72&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>2-3</td>
<td>4-5</td>
<td>7-11</td>
</tr>
<tr>
<td>Daisy, H P</td>
<td>10&quot;-30&quot;</td>
<td>White, Pink</td>
<td>Edging</td>
<td>Any</td>
<td>2-3, 8</td>
<td>3-4, 10</td>
<td>5-10</td>
</tr>
<tr>
<td>Delphinium, HP</td>
<td>36&quot;-60&quot;</td>
<td>Blues</td>
<td>Border</td>
<td>Sunny</td>
<td>1-3, 8</td>
<td>3-4, 10</td>
<td>5-7, 10</td>
</tr>
<tr>
<td>Dianthus, HA</td>
<td>12&quot;-15&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>Thin</td>
<td>5-11</td>
</tr>
<tr>
<td>Digitalis, H B, H P</td>
<td>30&quot;-48&quot;</td>
<td>Many</td>
<td>Border</td>
<td>Shady</td>
<td>2-3, 8</td>
<td>3-4, 10</td>
<td>5-7, 10</td>
</tr>
<tr>
<td>Eschscholzia, A</td>
<td>10&quot;-12&quot;</td>
<td>Several</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>Thin</td>
<td>6-9</td>
</tr>
<tr>
<td>Feverfew, HH P</td>
<td>18&quot;-24&quot;</td>
<td>White</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-4</td>
<td>Thin</td>
<td>7-11</td>
</tr>
<tr>
<td>Forget-Me-Not, T P</td>
<td>8&quot;-12&quot;</td>
<td>Blue, White</td>
<td>Edging</td>
<td>Shady</td>
<td>3-4</td>
<td>Thin</td>
<td>4-5, 10</td>
</tr>
<tr>
<td>Four O’Clock, H A</td>
<td>24&quot;-30&quot;</td>
<td>Many</td>
<td>Border</td>
<td>Sunny</td>
<td>3-4</td>
<td>4-5</td>
<td>8-11</td>
</tr>
<tr>
<td>Gaillardia, H P, H A</td>
<td>8&quot;-30&quot;</td>
<td>Red, Gold</td>
<td>Bedding</td>
<td>Sunny</td>
<td>2-4</td>
<td>4-5</td>
<td>6-11</td>
</tr>
<tr>
<td>Glove Aamaranth, T A</td>
<td>12&quot;-18&quot;</td>
<td>Purple, White</td>
<td>Bedding</td>
<td>Sunny</td>
<td>4-5</td>
<td>Thin</td>
<td>7-10</td>
</tr>
<tr>
<td>Gypsophila, H A</td>
<td>18&quot;-24&quot;</td>
<td>White</td>
<td>Border</td>
<td>Sunny</td>
<td>4-5</td>
<td>Thin</td>
<td>6 wks.</td>
</tr>
<tr>
<td>Gypsophila, H P</td>
<td>2-3½ ft.</td>
<td>White</td>
<td>Border</td>
<td>Sunny</td>
<td>3 4, 9</td>
<td>4-5, 10</td>
<td>6-8</td>
</tr>
<tr>
<td>Helichrysum, HA</td>
<td>24&quot;-30&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>2-4</td>
<td>4-5</td>
<td>6-10</td>
</tr>
<tr>
<td>Hibiscus, TP</td>
<td>24&quot;-60&quot;</td>
<td>Several</td>
<td>Specimen</td>
<td>Sunny</td>
<td>3-4</td>
<td>Thin</td>
<td>6-9</td>
</tr>
<tr>
<td>Hollyhock, H P</td>
<td>8-8 ft.</td>
<td>Many</td>
<td>Border</td>
<td>Moist</td>
<td>2-3, 8</td>
<td>3-4, 10</td>
<td>6-9</td>
</tr>
<tr>
<td>Lantana, A</td>
<td>24&quot;-36&quot;</td>
<td>Several</td>
<td>Bedding</td>
<td>Sunny</td>
<td>2-4</td>
<td>4-5</td>
<td>6-10</td>
</tr>
<tr>
<td>Larkspur, A</td>
<td>36&quot;-48&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>9-11</td>
<td>Thin</td>
<td>3-5</td>
</tr>
<tr>
<td>Lobelia, TA</td>
<td>6&quot;-8&quot;</td>
<td>Blue</td>
<td>Edging</td>
<td>Shady</td>
<td>3-4</td>
<td>3-5</td>
<td>6-10</td>
</tr>
<tr>
<td>Lupines HA</td>
<td>24&quot;-30&quot;</td>
<td>Several</td>
<td>Border</td>
<td>Shady</td>
<td>4-6</td>
<td>Thin</td>
<td>6-9</td>
</tr>
<tr>
<td>Marigold, HA</td>
<td>8&quot;-30&quot;</td>
<td>Yellows</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>4-5</td>
<td>6-11</td>
</tr>
<tr>
<td>Morning Glory, A</td>
<td>20-50 ft.</td>
<td>Many</td>
<td>Shade</td>
<td>Sunny</td>
<td>3-5</td>
<td>Thin</td>
<td>6-11</td>
</tr>
<tr>
<td>Nasturtium, A</td>
<td>12&quot;-8 ft.</td>
<td>Many</td>
<td>Edging</td>
<td>Sunny</td>
<td>4-6</td>
<td>Thin</td>
<td>5-11</td>
</tr>
<tr>
<td>Nicotiana, TA</td>
<td>30&quot;-42&quot;</td>
<td>Several</td>
<td>Border</td>
<td>Sunny</td>
<td>3-5</td>
<td>5</td>
<td>6-8</td>
</tr>
<tr>
<td>Pansy, HH P</td>
<td>4&quot;-6&quot;</td>
<td>Many</td>
<td>Edging</td>
<td>Any</td>
<td>1-3, 9</td>
<td>3-4, 10</td>
<td>4-6, 10</td>
</tr>
<tr>
<td>Petunia, H A, T P</td>
<td>18&quot;-24&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Any</td>
<td>2-5</td>
<td>4-5</td>
<td>5-10</td>
</tr>
<tr>
<td>Phlox, HH A</td>
<td>12&quot;-18&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>Thin</td>
<td>6-9</td>
</tr>
<tr>
<td>Poppy, H A, B P</td>
<td>24&quot;-60&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>1-4</td>
<td>Thin</td>
<td>6-9</td>
</tr>
<tr>
<td>Portulaca, TA</td>
<td>4&quot;-6&quot;</td>
<td>Many</td>
<td>Edging</td>
<td>Sunny</td>
<td>4-5</td>
<td>Thin</td>
<td>6-10</td>
</tr>
<tr>
<td>Ricinus, T A</td>
<td>5-10 ft.</td>
<td>Bronze Lvs</td>
<td>Massing</td>
<td>Sunny</td>
<td>4-5</td>
<td>Thin</td>
<td>6-11</td>
</tr>
<tr>
<td>Salvia, A</td>
<td>24&quot;-42&quot;</td>
<td>Red, Blue</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>4-5</td>
<td>6-11</td>
</tr>
<tr>
<td>Statice, H A, H P</td>
<td>18&quot;-30&quot;</td>
<td>Several</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>4-6</td>
<td>6-10</td>
</tr>
<tr>
<td>Stocks, A</td>
<td>24&quot;-30&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>4-5</td>
<td>6-8</td>
</tr>
<tr>
<td>Sunflower, A</td>
<td>48&quot;-72&quot;</td>
<td>Yellow</td>
<td>Border</td>
<td>Sunny</td>
<td>4-5</td>
<td>Thin</td>
<td>7-8</td>
</tr>
<tr>
<td>Sweet Pea, H A</td>
<td>4-8 ft.</td>
<td>Many</td>
<td>Cutting</td>
<td>Sunny</td>
<td>12-3</td>
<td>Thin</td>
<td>3-6</td>
</tr>
<tr>
<td>Sweet William, H P</td>
<td>12&quot;-24&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>1-4</td>
<td>3-4</td>
<td>5-11</td>
</tr>
<tr>
<td>Thunbergia, HH A</td>
<td>4-5 ft.</td>
<td>Several</td>
<td>Climbing</td>
<td>Sunny</td>
<td>4-5</td>
<td>Thin</td>
<td>6-11</td>
</tr>
<tr>
<td>Tithonia, HH P</td>
<td>3-4 ft.</td>
<td>Orange, Red</td>
<td>Border</td>
<td>Sunny</td>
<td>2-4, 9</td>
<td>4-5, 10</td>
<td>8-11</td>
</tr>
<tr>
<td>Verbena, H P</td>
<td>6&quot;-10&quot;</td>
<td>Many</td>
<td>Edging</td>
<td>Sunny</td>
<td>2-5</td>
<td>3-5</td>
<td>6-10</td>
</tr>
<tr>
<td>Wallflower, HA</td>
<td>12&quot;-18&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>4-5</td>
<td>6-7</td>
</tr>
<tr>
<td>Zinnia, HH A</td>
<td>24&quot;-36&quot;</td>
<td>Many</td>
<td>Bedding</td>
<td>Sunny</td>
<td>3-5</td>
<td>4-6</td>
<td>6-11</td>
</tr>
</tbody>
</table>
**ASPARAGUS ROOTS**
This choice of spring vegetable should be grown in every garden. Asparagus, a perennial, can be planted once and then harvested each spring for many years.

**VS 011 Jersey Giants Hybrid** Male roots with high yields. Rust-resistant and tolerant of Fusarium, Crown and Rust rot. Excellent spear quality, with spears growing up to 7 to 9 inches long. Outstanding flavor. Excellent for cooking, canning and freezing. 100 roots plant about 15 x 50 feet area; 5,000 to 7,000 roots will plant an acre. Usually available in January. Available in bundles of 25 Roots

**BUSH SNAP BEANS**
Plant in the spring after danger of frost and the soil is warm. For a continuous supply plant every 2 to 3 weeks until late August. Select any well drained soil of loose texture with a pH of 5.5 to 6.5. Fertilize with a quality garden fertilizer. Snap beans are susceptible to fertilizer injury, so mix fertilizer well with soil. Make rows 2½ to 3 feet apart and plant seed 1½ inches deep and 2 to 3 inches apart. Cultivate shallowly. Do not pick beans when vines are wet, this can spread disease. Side dress at time of bloom with Nitrate of Soda. Fifty pounds of seed to plant an acre; one lb. per 200 feet of row.

**VS 016 Blue Lake** (55 days) High yielding, stringless bush bean with characteristics of the popular Blue Lake Pole Bean. 6-7" pods. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 017 Bountiful** (48 days) Plants are 16-20 inches, upright, foliage. Pods are 6-7 inches long, straight, broad, thick, flat, light green and stringless. Heirloom
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 019 Contender** (52 days) An outstanding yielder. Mosaic and Powdery Mildew resistant. A very attractive bean, 6½ inches long, dark green, stringless and nearly round. Because of its heat tolerance, Contender is particularly valuable for late summer planting. Very high yields are possible with Contender on fertile soil or with extra nitrogen.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 021 Commodore** (58 days) Bush Kentucky Wonder. Popular for home gardens because of its “Kentucky Wonder” flavor, high yield and prolonged production. Pods 6½ to 7 inches long, dark green, fleshy, round and stringless. Heirloom
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 022 Roma I I** (50 days) Bush Roma is a flat pod variety 4½ inches long by ¾ inches wide. Thin, smooth and hold their quality. True Bush Romano type resembles the pole variety fruits in appearance, flavor and width. Snaps well, picks well and yields well. Seeds are white.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 026 Derby** (55 days) A commercial and home garden bush bean. Good yields of 7” round, medium green pods.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 029 Strike** (55 days) A white seeded bean with round, slim pods reaching 5½ inches. Resistant to mosaic and BCMV. Stringless.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 030 Topcrop** (52 days) Plants are productive and mosaic resistant. Beans are round, tender, meaty, 5½ to 6 inches long, stringless and fiberless. AAS winner.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 031 Tenderette** (55 days) A superior, good flavored, white seeded variety for canning and freezing, as well as for a general purpose variety for garden and market. Plants 18-20”. Pod set is concentrated on the upper portion. Pods are 5½ to 6 inches long, straight, round, dark green, smooth, stringless and without fiber. Resistant to common bean mosaic, New York 15 virus and pod mottle virus.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 032 Jade** (60 days) A round-podded bean that produces long, straight pods with dark green color, tender texture and sweet flavor. High pod placement on an upright plant.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 033 Taylor Long Pod Horticultural** (65 Days) Called “October or Shelly Beans” because they are used after the beans are mature and are shelled out. Large, red and cream speckled beans when dried.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 038 Mountaineer White Half Runner** (60 days) Improved white half runner. The pods are 3½-4 inches long, oval to round in shape and a medium light green color. Resistant to common bean mosaic I.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 039 State Half Runner** (60 days) Resistant to common bean mosaic I. The pods are 4-4½ inches long and slightly curved and oval. Light green in color.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**WAX PODDED BUSH BEAN**
**VS 043 Slenderwax** (56 days) An attractive deep yellow pod. Excellent production yields. Tolerant to white mold, resistant to NY 15 strain and type strain of common Bean Mosaic Virus.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

**BUSH LIMA BEANS**
Plant well after danger of frost and when soil is warm. Seeds tend to decay in cold, wet soils. Select a loose well drained soil with a pH 5.5 to 6.5. Fertilize with a quality garden fertilizer. Mix fertilizer thoroughly with soil. Plant well after danger of frost and the soil is warm. Seeds tend to decay in cold, wet soils. Select a loose well drained soil with a pH 5.5 to 6.5. Fertilize with a quality garden fertilizer. Mix fertilizer thoroughly with soil. Plant seed 1½ inches deep, 4 to 6 inches apart in rows 3 feet apart. Sidedress with Nitrate of Soda when first blooms appear. Additional side dressings at 3 week intervals will prolong bearing season. 50 lbs. of small seeded varieties, or 75 lbs. of large seeded varieties per acre. 1½ lbs. of small or 1 lb. of large seeded kinds will plant 100 ft. of row.
VS 063 Fordhook 242 (75 days) Large, thick, almost round beans; tender and delicious. Good fresh or for canning or freezing. AAS Winner. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 064 Eastland Green (75 days) A green seeded baby lima developed by Doctors Thomas and Fisher, USDA. A strong, sturdy plant of 20 inches supports numerous 3-4 inch long pods. Eastland is resistant to downy mildew strains A, B, C and D. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 065 Early Thorogreen (Green Seeded Henderson’s) (65 days) Similar to the popular Henderson Bush except that the beans retain their green color longer and are therefore preferred especially for freezing and canning. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 066 Henderson (65 days) A fine strain of small white seeded bush butter or lima beans. Plant small, dark green, bushy and erect, very early. Pods flat, containing 3 to 4 flattish, small oval beans. Heirloom ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 067 Burpee’s Improved (72 days) Large, flat, white lima bean. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 068 Calico or Jackson Wonder (68 days) Vigorous drought and heat tolerant and quite productive. Rich flavored, speckled beans. Heirloom ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 069 Wood’s Prolific (68 days) White beans slightly larger than Henderson. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 071 Dixie Butter Pea, White (72 days) A very productive, small bush butter bean, so named because of its deliciously rich flavor. A valuable variety for your garden for serving fresh, freezing, canning or marketing. Plant successively throughout the summer. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 072 Dixie Butter Pea, Speckled (75 days) Excellent for home and market use. Plant size of 16-21 inches with pods 3½’ long. The seed color being red speckled. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

POLE LIMA BEANS
Pole beans will produce more fruit over a much longer period than bush beans and require less garden space. Plant April 15 to July 15. Fertilization and cultivation similar to bush beans, except for spacing. Plant in rows 4 to 5 feet apart. Use 7 to 8 ft. stakes spaced 18 to 30 inches in row, 3 to 4 plants per stake, or a trellis. Drill seed 6 to 8 inches apart in row. 30 lbs. of seed per acre. ½ lb. seed per 200 ft.

VS 080 Willow Leaf (90 days) Very narrow dark green leaves with 3 or 4 white beans per pod. The narrow leaf thought to have some drought and heat tolerance. Heirloom ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 084 King of the Garden (90 days) Largest white seeded pole lima. Heirloom ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 095 Mezcla Pole Lima (82 days) Popular baby lima with great flavor. Plants are vining and have glossy green foliage. Pods measure 3 to 3½ inches long. Great for eating fresh, canning or freezing. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 087 Giant Calico (88 days) This is a large sized speckled pole butter bean similar to the smaller Calico or Florida Butter. Produces an extremely heavy crop of deliciously rich flavored beans over a wide season. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

POLE SNAP BEANS
Use poles spaced three to four feet apart and grow several plants around each, or grow in a row on a fence or trellis. Thin plants six to ten inches apart.

VS 101 Rattlesnake (75 days) A vigorous pole bean with dark green pods streaked with purple. The 7” long pods produce a good flavor. Heirloom ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 106 Blue Lake Stringless (Pole) (65 days) A white seeded, high yielding stringless variety. Excellent for canning and freezing as well as using fresh. Pods are dark green, round, medium in length, smooth, straight, tender and fleshy. Vines resistant to common Mosaic and some strains of rust. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 107 Kentucky Wonder or Old Homestead (67 days) An old favorite with home and market gardeners because of its fine flavor. Vigorous grower and climber and a wonderfully heavy producer. The pods are 6 to 8 inches long, round, dark green in color, very meaty, tender and practically stringless. Rust resistant. Heirloom ½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 109 McCaslan (65 days) Fresh market variety. Plant size 5-6½ feet tall. Pods 7-7½ inches broad, flat and white seeds. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

BEETS
A cold season crop. Plant seeds in February or March for spring crop, and in August through October for fall and winter crop. For well shaped roots a loose textured soil with pH of 6.0 to 6.5 is desirable. Fertilize with a quality garden fertilizer. Drill seed ½ inch deep, ½ inch apart, in rows 2 to 3 feet apart. When plants are 2 inches high thin to 1½ to 2 inches apart. Sidedress with of Nitrate of Soda when plants are 4 to 6 inches high. Six to eight lbs. of seed per acre; 1 oz. per 100 ft. of row.

### SWISS CHARD
A type of beet that makes edible leaves and stalks instead of roots. Seeds planted early in the spring will quickly produce plants from which cuttings may be made in 30 days, and continued all summer. Late summer seeding produces a cold hardy crop all winter. Can be cut to the ground and new shoots will soon spring up and make a fast growth.

**VS 137 Rainbow Swiss Chard** (55 days) Great flavor. Can be harvested young for salads. Stems and veins vary in color and are beautiful in the garden.

½ oz., 1 lb.

**VS 138 Swiss Chard** (60 days) Has light green leaves and broad white stalks.

½ oz., 1 lb.

### BROCCOLI
Sow in early spring for first crop or in midsummer for fall crop. Withstands light frost. Plants should be 15 inches apart in rows 2½ to 3 feet apart. ½ oz. produces about 3,000 plants.

**VS 141 Italian Sprouting** (80 days) A superior strain of sprouting broccoli. Develops a large, dark green central head and a high production of off shoots. Delicious flavor and early.

1 oz., 1 lb.

**VS 143 Salad/ Broccoli Rabb** (50 days) Popular in eastern NC. It is planted in late summer and again in February to April. In growth it somewhat resembles the Seven Top Turnip. In the spring, it sends up sprouts which are cut and bundled for market. Withstands cold and hot weather better than most greens.

1 oz., 1 lb.

**VS 146 Waltham 29 Broccoli** (74 days) A variety known for producing large heads and long stalks, this longtime favorite is excellent for cooking fresh or freezing. The 4-6" dark blue-green heads are arrayed with side shoots. Developed to withstand cold, it performs outstandingly in the fall.

Pkt., 1 oz., 1 lb.

### BRUSSELS SPROUTS
Plant ½ inch deep in hot beds in January - February or outside during July - August. Then transplant to rows 2½ feet apart with the same distance between plants in a row. As sprouts form at base of plant, remove lower leaves and stems, but not top foliage. 1 oz. will produce about 1,500 plants.

**VS 148 Long Island** (90 days) Plants 18 inches to 3 ft. high, hardy, stems thickly covered with small, firm cabbage-like heads.

1 oz., 1 lb.

### CABBAGE
A cold hardy crop, cabbage can be grown in all types of soils but a sandy loam, high in organic matter with a pH of 6.0 to 6.5 is preferred. Fertilize with a quality garden fertilizer. Sidedress with Nitrate of Soda. 1 oz. of seed produces about 1,500 plants; 1 lb. of seed will produce plants for an acre. For spring planting, sow seed in beds December to March. For fall crop, sow seed in late June and July. Space plants 15 to 18 inches apart in rows 3 feet apart.

**VS 151 Early Jersey Wakefield** (95 days) Earliest pointed head variety. Plants medium size, uniform, and with few outer leaves. 2-3 lb., dark green outside and creamy light green inside.

Heirloom

½ oz., 1 lb.

**VS 152 Charleston Large Wakefield** (105 days) Matures about ten days later than Early Jersey Wakefield. Produces good yields of 4 lb heads of cabbage.

½ oz., 1 lb.

**VS 153 Late Flat Dutch** (110 days) Large firm flattened oval heads, 12 - 14 inch diameter. White interior, good late fall and winter cabbage. Heirloom

½ oz., 1 lb.

**VS 154 Red Acre** (110 days) Medium sized heads, deep purplish red, compact growth with purplish green outer leaves.

½ oz., 1 lb.

### CANTALOUPES
The melons thrive best and develop the highest flavor in a hot dry climate. Sow the seed after all danger of frost has passed. The most suitable soil is a warm, rich, sandy loam with a pH of 6.0 to 6.5; however, they will do well in most types of well drained soils. Fertilize with a quality garden fertilizer. Plant in rows 5-6 feet apart. Plant 6 seed per hill (1 inch deep). Gradually thin to 1-2 plants per hill. Sidedress with Nitrate of Soda. 3 lbs. of seed will plant one acre; 1 oz. will plant 800 feet of row.

**VS 155 Copenhagen Market** (63 - 100 days) Round solid heads, 6-8 inches in diameter, 3-4 lbs. medium green plants with good wrapper leaves. Heads not inclined to burst, uniform, keeps well. Popular for market and shipping.

½ oz., 1 lb.

**VS 156 Stonehead Hybrid** (72 days) Firm round heads on compact plants and suitable for close planting. Resistant to yellows.

Pkt., ½ oz.

**VS 158 Golden Acre** (60 days) Solid uniform round gray-green heads. 3-5 lbs. High yields, white interior.

½ oz., 1 lb.

**VS 161 All Seasons** (110 days) A valuable medium/early variety and a reliable header. It resists heat and drought well. Very solid and compact, round head of fine quality.

½ oz., 1 lb.

**VS 169 Chinese Cabbage, Michihli** (100 days) Can be sown early in spring and again in August-September. Early, and the surest header of the Chinese Cabbages. Dark green leaves, uniform heads 3 to 4 inches thick tapering at the tip. Sweet flavored.

½ oz., 1 lb.

**VS 170 Chieftain Savoy** (110 days) Especially cold hardy. Heads nearly round, firm, large coarsely savoyed, dark green leaves. Well known for its extra fine flavor and tenderness.

½ oz., 1 lb.
Seeds, Scoops, & Scales

VS 396 Athena Hybrid (75 days) A top seller among US gardeners and growers. Produces very early, 5 - 6 lb. fruits. Excellent color, flavor, aroma, firmness and shelf life.

1,000 seeds

VS 397 Super Market Hybrid (84 days) A home and market variety slightly oval 4-4½ lb. fruits with deep salmon flesh and close, thick net, pronounced sutures. Tolerant to powdery mildew.
Pkt., 1 oz.

VS 399 Burpee Hybrid (82 days) Fine quality and excellent flavor. Fruits are heavily netted, ribbed, round to slightly oval. Weigh 4 to 4½ pounds each. Flesh deep orange, thick, firm, juicy, sweet and of the most delicious flavor.
Pkt., 1 oz.

VS 400 Burpee's Ambrosia Hybrid (88 days) The high sugar content in this melon makes it one of the best tasting cantaloupes today! The heavy netting holds firmly the thick, delicious flesh. Ambrosia is slightly smaller than Burpee Hybrid cantaloupe weighing an average of 4 to 6 lbs. Slightly resistant to powdery and downy mildew.
Pkt., 1 oz.

VS 401 Banana (100 days) A very long, smooth cantaloupe, tapering at both ends, with lemon colored skin when mature. The flesh is pink with delicious banana flavor. They grow 14 to 18 inches long and withstand the summer heat.
½ oz., 1 lb.

VS 409 Hale’s No. 36, M. R. (88 days) Mildew Resistant. Fruits are short oval with indistinct ribbing and heavily netted. Flesh thick, firm, sweet, of good quality and flavor, light orange in color. Recommended for areas in which powdery mildew is prevalent.
½ oz., 1 lb.

VS 412 Edisto 47 (92 days) Firm, vigorous plant, resistant to downy and powdery mildew. Excellent quality with 6 to 7 melons per plant.
½ oz., 1 lb.

VS 413 Honey Dew (100 days) The fruits are large, globe shaped with a hard, smooth, creamy white skin. The flesh, ripening to the rind, is light green, exceptionally juicy, with a distinctive flavor.
½ oz., 1 lb.

VS 418 Hale’s Jumbo (85 days) A large early, and attractive melon grown principally for home gardens and local markets. Fruits oval, 4-5 lbs. slightly ribbed and well netted. Thick flesh of deep salmon, and fine quality.
Heirloom
½ oz., 1 lb.

VS 424 Genuine Rockyford (90 days) Distinctive flavor and quality. Fruits small, 2½ lbs., rounded with faint ribs, very heavy covering of hard gray netting. Uniform size, juicy, thick green flesh with yellow tinge at center and a sweet spicy flavor. Principally used for home and market gardens, since it does not stand distant shipping.
½ oz., 1 lb.

CARROTS

A cold hardy crop. Sow seeds spring and fall. The carrot thrives best in a deep, loose, fertile, loamy soil. Thin plants to one or two inches apart when 2 inches in height. ½ oz. per 100 ft. of row.

VS 183 Chantenay Red Core (60 - 74 days) Large, deep red-orange, 5 x 2½ inches, tops are 15-20 inches, suitable for heavier soils. Heirloom
½ oz., 1 lb.

VS 185 Danvers Half-Long (75 days) Bright orange throughout, smooth roots taper to a blunt point. Roots uniform and tender. Best for heavier soils.
½ oz., 1 lb.

VS 186 Tendersweet (69-80 days) Uniform deep orange carrot with great sweet flavor. One of the sweetest carrots on the market. Nearly coreless. Holds color during cooking. Great for home gardens. Heirloom
½ oz. $2.00, 1 lb. $32.00

CAULIFLOWER

Grows best as a fall crop in most areas. Sow in early summer in prepared seed bed, then later set plants 1½ to 2 feet apart in rows 2½ feet apart. 1 oz. of seed will produce about 1,500 plants. 1 lb. is sufficient for an acre.

VS 191 Snowball (90 days) Adapted to forcing and early outdoor planting. Start seeds again in June for late summer growing.
Pkt., ½ oz., ½ lb.

COLLARDS

Collards grow best during cold seasons, but may be grown throughout the year. Seeds can be sown in both spring and summer, either directly in rows or in beds for transplanting. Space 18 to 24 inches apart in 3 to 4 ft. rows. Fertilize with a quality garden fertilizer.

VS 221 Cabbage (80 days) A heading collard with flavors of both collard and cabbage. Compact dark green head on short stems.
1 oz., 1 lbs.

VS 222 Vates (90 days) Developed by and named for the Virginia Truck Experiment Station. Best open or loose head collard. Small, low, cold hardy. Slow seeder. Leaves waxy green with green rib.
1 oz., 1 lbs., 5 lbs., 25 lbs., 50 lbs.

VS 225 Southern or Georgia (90 days) This collard will not winter-kill and also grows fine during hot weather. The plant has medium height, a cluster of loose folding tender leaves forms the head. Heirloom
1 oz., 1 lbs., 5 lbs., 25 lbs., 50 lbs.

VS 226 Morris Improved Heading (85 days) Plants are compact producing heavy heads on short stems and can be set closer in the rows, increasing the tonnage per acre. Leaves are slightly savoyed, darker green than ordinary collards and the flavor is distinctly better.
1 oz., 1 lbs., 5 lbs., 25 lbs., 50 lbs.
CORN
Fertilize with a quality garden fertilizer prior to planting the seed. Sweet corn responds to nitrogen sidedressing. Apply Nitrate of Soda when plants are about knee high and when tassels begin to show. Plant seed in hills one foot apart. One or two plants per foot is recommended. Rows should be spaced 3 feet apart. Several rows insure better pollination than 1 or 2 rows. 2 oz. of seed to plant 100 ft. of row; 10 lbs. seed per acre. Plant several varieties for continuous harvest.

There are different types of sweet corn that vary in their sweetness, keeping quality, and cold tolerance. Sugary sweet corn is the "standard" sweet corn. It often does better in cold soils and is typically not as sweet. Sugar Enhanced sweet corn has a higher sugar content, is more tender than standard sweet corn, and the ears maintain their sweet taste longer. It requires higher soil temperatures for germination. Triple Sweet corn is a synergistic corn that has both supersweet and sugar enhanced kernels on the same ear. These varieties require higher soil temperatures as well. Corn is a warm season crop requiring a minimum soil temperature of 50˚F (60-95˚F is optimum) for seed germination.

**VS 232 Serendipity Hybrid** (82 days)
A bicolor Triple Sweet® variety that produces high quality ears with medium-green husks and ears. Average 8” in length with 16-18 rows. (Bi-color) Triple Sweet ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 233 Merit Hybrid** (80 days) A vigorous and productive yellow corn making it popular for roadside and local market. The 9-inch ears are produced on 6-foot stalks. (Y) Sugary ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 234 Kandy Korn E. H. Hybrid** (89 days) An Everlastling Heritage high sugar corn that is not affected by cross pollination from other sweet corns. Kandy Korn remains sweet for a 7-14 day period. Yield is exceptional, and the kernels are not shrunken. Kernels germinate in cold soils better than high sugar varieties. (Y) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 235 Honey Select Hybrid** 79 days A Triple Sweet® variety noted for producing large, refined ears with medium-green husks and good flags. It delivers tender, flavorful, sweet quality ears, averaging 8.5” in length, with 18-20 rows. (Y) Triple Sweet ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 236 Avalon Hybrid** (82 days) High-quality, Triple-Sweet® white corn with 8” ears beneath tight green husks. This corn combines both sugar-enhanced and super sweet qualities to provide a sweet flavor and tender texture. Excellent variety for local markets. (W) Triple Sweet ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 237 Golden Queen Hybrid** (93 days) A golden sister line to the popular Silver Queen with the same vigor and quality. (Y) Sugary ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 239 Silver Queen Hybrid** (92 days) Developed to fill the demand for a truly high quality, white corn. Stalks 7 to 8 ft., dark green husk and flag. High yield of ears 8 to 9 inches long. 14 to 16 straight rows of snow white kernels, sugary-sweet and tender. (W) Sugary ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 240 Golden Bantam** (80 days) A perennial favorite with good eating quality and an easy to grow plant. Average ear length 9 inches x 1.95 inches. (Bi-color) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 241 G-90** (85 days) A perennial favorite with good eating quality and an easy to grow plant. Average ear length 9 inches x 1.95 inches. (Bi-color) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 242 Bodacious** (75 days) A sugar enhanced variety resulting in an exceptionally tender kernel with superior sweet flavor that holds well after harvest. Excellent for home garden, roadside stand and shipping. Ear length 8 inches with a plant height of 87 inches. (Y) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 243 Honey Select Hybrid** (75 days) Bi-color, homozygous enhancer with supreme eating quality. Plant height 78” with ear lengths of 8”. Noted for early vigor and high tolerance to Stewart’s Wilt. (Bi-color) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 244 Early Sunglow Hybrid** (68 days) Ready several weeks earlier than most sugar corns. A delicious, bright golden, early hybrid. (Y) Sugary ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 245 Argent SE** (86 days) White, heterozygous sugary enhancer. Plant height of 77” with ear lengths of 8.5”. Noted for its wide adaptability and very high tolerance to Stewart’s Wilt and Northern Corn Leaf Blight. (W) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 249 Silver King Hybrid** (82 days) A white homozygous sugar enhanced type. Average ear length 8”. Tolerant to Stewart’s wilt, northern corn leaf blight, and common rust. (W) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 250 Incredible** (85 days) Ears 9½ inches long with 18 rows of yellow kernels. (Y) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 255 Peaches & Cream** (83 days) Great tasting, mid-season corn. This hybrid, bi-color is a favorite of home gardeners and for market. Ears grow to about 8.” (Bi-color) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs., 50 lbs.

**VS 256 Delectable Hybrid** (84 days) A favorite hybrid bicolor. Good eating quality with a plant height of 7 feet and ear length of 9 inches. (Bi-color) Sugar Enhanced ½ lbs., 5 lbs., 25 lbs.

**VS 253 Truckers Favorite** (75 days) Somewhat more cold tolerant than other garden corns and may be planted a week or two earlier. Produces attractive ears 8-9 inches long. 7½-8 ft. tall. (W) ½ lbs., 10 lbs., 30 lbs., 50 lbs.
Seeds, Scoops, & Scales

1 lbs., 5 lbs.

19x650

Yellow VS 273 Purdue (Hybrid) Golden Yellow (95 days) Improved popping corns. Grows to 5 feet in height and yields 6-inch ears. (Y) Open pollinated
1 lbs., 5 lbs.

19x641

Open pollinated
1 lbs., 5 lbs.

19x711

½ lbs., 10 lbs., 30 lbs., 50 lbs.

19x758

½ oz., 1 lb.

19x255

½ oz., 1 lb.

19x395

½ oz., 1 lb.

19x313

½ oz., 1 lb.

19x418

½ oz., 1 lb.

19x56

Heirloom
½ oz., 1 lb.

19x535

¾ oz., 1 lb.

19x594

¾ oz., 1 lb.

19x79

¾ oz., 1 lb.

19x184

¾ oz., 1 lb.

19x325

¾ oz., 1 lb.

19x337

¾ oz., 1 lb.

19x372

¾ oz., 1 lb.

19x477

¾ oz., 1 lb.

19x56

¾ oz., 1 lb.

19x758

¾ oz., 1 lb.

19x173

¾ oz., 1 lb.

19x243

¾ oz., 1 lb.

19x348

¾ oz., 1 lb.

19x512

¾ oz., 1 lb.

19x594

¾ oz., 1 lb.

19x79

¾ oz., 1 lb.

19x184

¾ oz., 1 lb.

19x337

¾ oz., 1 lb.

19x372

¾ oz., 1 lb.

19x477

¾ oz., 1 lb.

19x56

¾ oz., 1 lb.

19x758

¾ oz., 1 lb.

19x173

¾ oz., 1 lb.

19x243

¾ oz., 1 lb.

19x348

¾ oz., 1 lb.

19x512

¾ oz., 1 lb.

19x594

¾ oz., 1 lb.

19x79

¾ oz., 1 lb.

19x184

¾ oz., 1 lb.

19x337

¾ oz., 1 lb.

19x372

¾ oz., 1 lb.

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¾ oz., 1 lb.

19x372

¾ oz., 1 lb.

19x477

¾ oz., 1 lb.

19x56

¾ oz., 1 lb.

19x758

¾ oz., 1 lb.

19x173

¾ oz., 1 lb.

19x243

¾ oz., 1 lb.

19x348

¾ oz., 1 lb.

19x512

¾ oz., 1 lb.
**KALE**

A cool season crop that may be grown throughout the year. May be grown on most types of soil with pH of 5.5 to 6.5. Fertilize with a quality garden fertilizer. Make first planting 3-4 weeks before last frost in spring and make periodic plantings, every 3-4 weeks, until a month before first frost in fall. Sidedress with Nitrate of Soda. 1 oz. until a month before first frost in fall. Periodic plantings, every 3-4 weeks, make it the most widely used variety growing type, desirable in every way.

**VS 340** Dwarf Siberian Improved (60 days) The hardiest of all leafy vegetables. Plant early spring or fall, drilled as turnips for salad. Kale withstands more heat and cold. The flavor is similar to that of turnip salad and it exceeds spinach in total food value. 1 oz., 1 lb., 5 lbs., 25 lbs., 50 lbs.

**VS 341** Dwarf Blue Curled Scotch (55 days) Popular with truck growers because of its rich green color and double-curled leaves. This Kale is extremely hardy to both hot and cold weather making it a sure crop regardless of conditions. Heirloom 1 oz., 1 lb., 5 lbs., 25 lbs., 50 lbs.

**VS 342** Red Russian (50 days) This tender, colorful specialty kale is also used as baby kale, maturing around 25 days. Purple stems with purple veined, deep grey-green leaves are flat, non-curled with a tooth edge. The medium tall plants produce unusually tender leaves used for mixed salad and light cooking. Heirloom 1 oz., 1 lb., 5 lbs., 25 lbs., 50 lbs.

**VS 343** Dwarf Siberian Improved (60 days) Plants are early medium large, compact and vigorous. The leaves, light green, large, frilled and curled form a compact bunch in the center of the plant. 1 oz., 1 lb.

**LETTUCE**

A cold hardy crop. Fall seeding (August-September) stands through winter. Spring crop is seeded outdoors February-March.

**LOOSE LEAF LETTUCE**

**VS 371** Black Seeded Simpson (50 days) Plants are early medium large, compact and vigorous. The leaves, light green, large, frilled and curled form a compact bunch in the center of the plant. ½ oz., 1 lb.

**HEAD LETTUCE**

**VS 379** Iceberg (85 days) For forcing or home garden planting this crisp lettuce is ideal. The leaves are broad, crumpled, borders finely frilled. Heat resistant and produces firm, white, tender sweet flavored heads. ½ oz., 1 lb.
Seeds, Scoops, & Scales

to wash for the table.

leaves are dark green, thick and easy
tender and delicious. The large oblong

table in less than 5 weeks. Crisp, ten-
tions tendrgreen can be ready for the

VS 486 Old Fashion

1 oz., 1 lb.

MUSTARD

Sow February to October, ½ inch deep, broadcast, or in drills 18 inches apart, thinning to 3 inches. By successive sowings every two weeks beginning early in the spring, the salad may be at its best all season. Winter hardy and long standing. A year ‘round crop. One ounce is sufficient for 200 feet of
drill; 2 pounds will sow an acre.

VS 484 Florida Broad Leaf (45 days)

Large, upright, bright green leaves, thick and smooth. Many prefer the smooth variety because it’s easier to clean than the curled types.
1 oz., 1 lb.

VS 485 Southern Giant Curled (40 days) This splendid variety continues to be the most popular mustard for the South. The large, erectly held leaves are finely curled at the edges, adding much to the appearance of the plant. In addition to being resistant to cold the plants withstand some hot weather and are seldom attacked by insects or diseases. Heirloom
1 oz., 1 lb.

VS 486 Old Fashion (Hen Pecked) (40 days) The fine quality of this variety accounts for its long lasting popularity. It is sometimes referred to as Hen Peck and Old Fashion Ragged Edge Mustard. The leaves are long and ruffled. Heirloom
1 oz., 1 lb.

VS 488 Tendersgreen Salad (35 days) Widely known as the quickest growing salad crop. Under favorable conditions tendersgreen can be ready for the table in less than 5 weeks. Crisp, tender and delicious. The large oblong leaves are dark green, thick and easy to wash for the table.
1 oz., 1 lb.

OKRA

A warm season crop that should not be planted until the soil is warm. Most good soil in the South will grow a satisfactory crop, but a sandy loam with a pH of 6.0 - 6.5 is preferred. Fertilize with a quality garden fertilizer. Sidedress twice with Nitrate of Soda to lengthen the harvesting season.

VS 491 Dwarf Stalk Long Pod (58 days) A dwarf stalk variety, grows only 3 to 4 feet tall. It starts bearing early and is a prolific producer. Pods are green, long and ribbed. Harvest young for best flavor and texture
1 oz., 1 lb., 5 lb., 50 lb.

VS 492 Red Burgundy (55 days) Pods and stems are a beautiful, deep-red. Very productive 3 to 4 feet tall plants. Produce tender, 6” long pods that are delicious in soup, gumbo, and stew, or deep-fried. Pods keep their
delicious flavor when cooked but not their red color.
1 oz., 1 lb.

VS 494 Emerald Green Velvet (55 days) Dark green, round, smooth, spineless pods. Very tender even in large sizes. Pods 7 inches to 9 inches.
1 oz., 1 lb., 5 lb., 50 lb.

VS 496 Clemson Spineless (55 days) Developed by the S. C. Agricultural Experiment Station, this fine variety won All-America selection when introduced. Plants 4½ ft. Pods rich green and spineless. Excellent quality. Heirloom
1 oz., 1 lb., 5 lb., 50 lb.

ONION SETS

Plant in rows ½ to 3 feet apart and space them 4 inches apart in the row and 3 inches deep for green onions, or ½” to 1″ if expected to make large onions. One pound will plant 50 feet; 8 bushels will plant an acre.

VS 509 Super Sweet Onions Large often flattened globe with a light yellow skin and white flesh. Excellent flavor, extra sweet. Short day. Available in 10 lb bags.

VS 510 Shallots Relative of the onion, with a sweeter, milder flavor. Available in 10 lb bags.


VS 513 Silver Skins Excellent for green onions, and will make medium size bulbs of mild flavor. Available in bushel bags.

VS 515 Yellow Dependable and good keeper. Makes green onions or bulbs. Available in bushel bags.

FIELD PEAS

Plant when soil is warm. It fits in well as a summer crop following spring vegetables. Important both for fresh market and for processing. It grows well on a wide range of soil types, but produces best on soils of medium fertility with pH of 5.5 - 6.5. Fertilize with a quality garden fertilizer.

VS 533 Colossus (80 days) A large pea with green hull that produces in bunches for easier harvesting. Peas are brown at harvest. Home gardeners like the taste of this pea fresh from the garden. It is also a popular canner or freezer.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 534 Big Boy (80 days) A large field pea that is easy to shell when picked fully grown, Big Boy is the same length as a Blackeye pea, but much larger in size. The peas cook up white and have a distinctive flavor. The peas are creamy in color with a brown eye.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 535 Blackeye WR5 (Wilt Resistant) (65 days) Long pods well filled with black-eyed white peas.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 537 Black Crowder (70 days) A large black pea with green pods of 7½ inches. Bunch type, popular for fresh market.
½ lbs., 10 lbs., 30 lbs., 50 lbs.

VS 539 Brown Crowder (90 days) One of the most prolific and best flavored edible cowpeas.
½ lbs., 10 lbs., 30 lbs., 50 lbs.
**VS 543 Dixielee** (65 days) Unsurpassed for market and home gardening, and for canning and freezing. The bunch to semi-bunch plants are highly productive bearing several heavy sets of 8 inch pods which ripen uniformly. Roots are not attacked by nematodes. An edible pod pea. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 545 Pinkeye Purple Hull** (80 days) Medium to small creamy white peas with brown eyes. Used extensively, fresh for canning and for market. The long pods turn purple toward maturity. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 546 Early Scarlet Pinkeye** (78 days) Medium sized, bush plants with no basal runners. Pod sets are concentrated and produced at the top of the plant. Shelled peas have a light pink eye and are similar in size to Pinkeye Purple Hull. Easy to shell. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 548 Mississippi Silver** (70 days) An improved silver-skinned type of Brown Crowder with pods concentrated on top of bushy plants. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 549 Knuckle Purple Hull** (80 days) Brown Sugar Crowder with purplish hull. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 555 Mississippi Purple Hull, Certified** (70 days) A crowder pea with bright purple hull. Uniform maturity and good yield. Easily shelled. Resistant to Fusarium wilts and root knot nematodes. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 558 Red Ripper** (80 days) A small, late non-crowder maroon color pea. The 6” pod is curved slightly and green in color. A high, bushy plant. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 559 Summertime Pinkeye** (65 days) Excellent producer, with pods borne above foliage for easy picking and shelling. Shelled peas are bright green with a pale pinkeye and retain color when cooked.

**VS 560 Queen Anne** (56 days) Southern Blackeye pea developed by the Virginia Truck Experiment Station. The bush plant is compact, with no basal runners. High productive yield. It is suitable for canning or freezing. The pea is slightly smaller than the California Blackeye. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 561 Zipper Cream** (62 days) Southern favorite. Bushy 2’-3’ plants that bear heavy yields. 6”-9” large pods with large, creamy-white seeds. 18-20 seeds per pod. Easy to shell. Delicious flavor. ½ lbs., 10 lbs.

**GARDEN PEAS**

A cool season crop that should be planted during January in the East and February in the Piedmont. Plant in a sandy loam soil that is not too high in organic matter and with a pH of 5.5 - 6.5. Fertilize with a quality garden fertilizer and sidedress at time of first bloom with Nitrate of Soda. Plant seeds 1½ inches deep and one inch apart in rows 2½ - 3 feet apart. One hundred pounds of seed will plant one acre; ½ pound will plant 100 ft. of row.

**VS 563 Early Alaska** (Wilt Resistant) (55 days) Very popular with canners and market gardeners. Grows about 2½ feet and a heavy yielder of well filled medium size pods. Extra early and winter hardy. May be planted in December. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 564 Knight** (61 days) Laxton type, pods are narrower but contain more peas per pod. Good for fresh market and home use. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 566 Thomas Laxton** (60 days) Excellent for home and market gardens and shipping, canning, and freezing. Plants 3 feet high; pods 3½ inches long, dark green and packed with 7 to 8 delicious peas that are almost round, medium green color, and of high quality. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 567 Snow Green** (70 days) A popular dark green edible pod that can hold its color. A plant height of 30 inches, this snow pea has pods averaging 3 inches long. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 570 Wando** (68 Days) Much more tolerant of cold and heat than other peas. Plants are upright, 2½ feet tall and mildew resistant. Pods dark green, blunt, 3 inches long containing medium size dark green peas. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 574 Green Arrow** (70 days) Excellent variety showing much promise in this country. Extra long pods with 8 to 10 superb quality peas per pod on 20 to 24 plants. Green Arrow is resistant to yellows, Fusarium wilt and mildew. A good all purpose variety for processing and fresh use. **Heirloom** ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 578 Dwarf Gray Sugar** (65 days) An edible podded pea that does not require staking. Light green pods are tender and sweet when picked young. The 2½ feet plants are prolific producers. **Heirloom** ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 579 Super Sugar Snap** (66 days) A 55-65” plant that is similar to Sugar Snap with earlier maturity. Resistant to powdery mildew and tolerant to pea leaf roll virus. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**VS 580 Laxton’s Progress No. 9** (62 days) Plants 16 to 18 inches tall. The pods are dark green, about 4 inches long. ½ lbs., 10 lbs., 30 lbs., 50 lbs.

**PEANUTS**

After all danger of frost, plant seeds - in or out of shells - four to six inches apart, 2 inches deep, in rows three feet apart. Thin seedlings eight to twelve inches apart. Before frost, dig up plant and air-dry before removing pods. Seed peanuts Available in 50 lb. bags. Valencia peanuts available in 25 lb. bags.
Seeds, Scoops, & Scales

**VS 589 Keystone Resistant Giant**
(80 days) Very thick, dark green to red large 4 lobed, blocky and fleshy fruit 4” x 3”, borne continuously until frost on strong, upright plants, 28” to 30”. Tolerant to Tobacco Mosaic.

¾ oz., ½ lb.

**VS 590 Banana**
(70 days) Medium thin, light yellow to red, good for pickling. 5½” to 6” tapering to point. Continuous fruit on sturdy, upright plant.

¼ oz., ½ lb.

**VS 592 California Wonder**
(75 days) Fruit walls thick, heavy and firm. The bright, attractive green changes to a brilliant light crimson.

¼ oz., ½ lb.

**VS 595 Pimento**
(78 days) Heart-shaped, thick flesh fruits of medium size, 3½ inches long and 2½ inches in diameter, becoming bright crimson at maturity.

¼ oz., ½ lb.

**VS 591 Habanero**
(100 days) This extremely pungent fruit is wrinkled and lantern shaped, measuring 2 inches in length. It is a thin-walled hot pepper maturing from light green to yellow-orange.

Pkt., ¼ oz.

**VS 593 Hungarian Wax**
(80 days from seed) Fairly hot fruits 8 inches long and tapered. Canary yellow turning to bright red when ripe.

1/4 oz., 1/2 lb.

**VS 594 Long Red Cayenne**
(70 days) A favorite hot variety for canning, pickles, and drying. Plants large and prolific. Fruits tapering, 3 inches long, one half inch thick, frequently twisted. Dark green changing to bright red when mature. Heirloom

¼ oz., ½ lb.

**VS 605 Jalapeno M**
(75 days) A very hot, thick-walled pepper that grows about 3 inches long. Dark green in color turning to red.

¼ oz., ½ lb.

**PUMPKINS**

**VS 610 Connecticut Field**
(115 days) One of the best winter sorts. Produces nice yields of golden orange flesh. Averages 5-7 lbs. The standard for making terrific pies.

Heirloom

½ oz. $2.50, 1 lb. $24.00

**VS 611 Big Max**
(120 days) Bright orange skin with thick bright yellow-orange flesh. Fruits 30-50 lbs., with some growing up to 100 lbs. Good for pies and canning.

½ oz., 1 lb.

**VS 613 Mammoth Gold**
(120 days) Produces nice yields of golden orange 40-60 lb. pumpkins. The average fruit is 20” long by 20” in diameter with a slightly grooved rind. Great carving pumpkin.

½ oz., 1 lb.

**VS 614 Halloween/Jack-O-Lantern**
(100 days) Fruits vary in shape from globular to long-oval, reaching a weight of 8-15 lbs. Medium orange in color, slightly pungent. Great for carving and cooking.

½ oz., 1 lb.

**VS 616 Jack-Be-Little**
(100 days) True miniature pumpkin with vigorous vines. Make great decorations for fall/winter.

Pkt. $2.50, ½ oz. $5.00, 1 lb. $84.00

**VS 618 Howden**
(115 days) Deep round shape with firm structure that has less tendency to produce flat-sided fruits. Intense orange color. Averages 20 to 25 lbs.

½ oz. $3.50, 1 lb. $34.00

**VS 619 Sugar or Pie**
(90 days) A handsome and productive small pumpkin, 10 to 12 inches in diameter, with orange skin and deep yellow flesh. Averages 5-7 lbs. The standard for making terrific pies.

Heirloom

½ oz. $2.50, 1 lb. $24.00

**VS 621 Green Striped Cushaw**
(100 days) Creamy white, irregularly striped or traced with green. A home garden variety, grows 20” x 9” to a slender curved neck and weighs around 12 lbs. Flesh light yellow, very thick, rather coarse, but sweet. Hardy and vigorous.

Heirloom

½ oz., 1 lb.

**RADISHES**

Radishes develop a sweet, tender flavor when grown quickly. Sow seeds in early spring as soon as ground can be worked. Plant seeds every ten days until early summer and again about a month before frost. One ounce plants 100 ft.

**VS 650 Chinese Rose Winter**
(60 Days) One of the best winter sorts. Cylindrical, or widest near the bottom; stump-rooted; skin smooth and bright rose in color; flesh white, crisp and pungent.

1 oz., 1 lb.

**VS 651 Early Scarlet Globe**
(23 days) Roots slightly olive shaped and a rich, bright, scarlet. Flesh white, crisp and tender. Grows quickly and evenly, ready in just over 4 weeks Recommended for early planting for
the home garden or market.  
1 oz., 1 lb., 5 lbs., 50 lbs.

**VS 652 Early Scarlet White-Tipped**  (28 days) Extra early, handsome, bright red, with sparkling white tip. Tops are small, allowing close planting. A superior variety making a nice globe-shaped root.  
½ oz., 1 lb., 5 lbs.

**VS 654 Cherry Belle** (28 days) A uniform variety widely used for both forcing and outdoor planting. Its bright scarlet color shows very attractively through polyethylene bags now used by the majority of the shippers. Roots are round, small and uniform, with fine root ends. **Heirloom**  
1 oz., 1 lb., 5 lbs., 50 lbs.

**VS 656 White Icicle** (27 days) A crisp, juicy radish with mild flesh. Icy white skin, thin and tender. Roots grow 5 inches long but best when young. **Heirloom**  
1 oz., 1 lb.

**RAPE**  
A good forage plant for all kinds of stock, especially sheep and hogs. Grows quickly and almost in any type of soil. Plant 4 lbs. in rows or broadcast 10 lbs. from August to April.  

**VS 675 Dwarf Essex** (40 days) Similar to Rutabaga Turnips in leaf and stalk, but is more thrifty and rank. Rape is ready for grazing in 8 to 10 weeks, and is liked as green feed by all stock. It is most popular for “greens” on the table.  
1 oz., 1 lb., 5 lbs., 50 lbs.

**RUTABAGAS**  
Sow January to April and again July through October. Any good, loose textured soil is satisfactory. Drill seed ¼ inch deep and about ¼ inch apart in rows 2 - 3 feet apart. 1 oz. will plant 300 feet of row.  

**VS 787 American Purple Top Yellow**  
(88 days) The flesh is rich and sweet, retains its excellent flavor until late in the spring. **Heirloom**  
1 lbs., 5 lbs., 25 lbs., 50 lbs.

**SOYBEANS**  
**VS 850 Edamame - Midori Giant**  
(70 days) Unique soybeans that are harvested at the green stage. They can be boiled and eaten like a snack (the bean, not the pod!) Multitude of pods form on 1.5 - 2 ft. plants. Plant late April through summer.  
1 oz., 1 lb.

**SPINACH**  
For the spring crop, seed should be planted February to April. For the fall crop, seed should be planted August to November 15. Drill seed in row, ¼ inch deep, at rate of about 24 seed per foot. Plants should be thinned to 4 inches apart. Space rows from 18 inches to 3 feet apart.  

**VS 694 Hybrid 7** Exhibits dark green leaves that are oval-round and slightly bubbled. Slow bolting. High yielding. Great tasting for the home gardener.  
1 oz., 1 lb.

**VS 696 Dark Green Bloomsdale** (45 days) A true Bloomsdale Savoy type with unusually dark green color. **Heirloom**  
1 oz., 1 lb.

**VS 698 New Zealand** (55 days) Heat resistant variety that produces small, arrowhead-shaped, fleshy green leaves. For the best flavor, harvest all greens frequently and when young.  
½ oz., 1 lb.

**SQUASH**  
A tender crop that should not be planted until danger of frost has passed. Plant seeds in 4 foot rows, one inch deep, putting 6 seeds per hill and spacing hills 3 feet apart. Gradually thin to one plant per hill. Three pounds of seed will plant one acre; ½ ounce will plant 100 feet of row.  

**VS 702 Gentry Hybrid** (44 days) Semi-crookneck yellow fruit are smooth skinned and grow 5-6 inches in length. Provide excellent yields, even in hot weather.  
Pkt., ½ oz., 5,000 seeds

**VS 706 Early Summer Crookneck** (52 days) A delicious small yellow crookneck squash. The earliest of the yellow squashes and always a favorite for the table or on the market.  
½ oz., 1 lb.

**VS 707 Spaghetti** (90 days) Thick, stringy and creamy flesh. Fruits are 8” x 4” yellow tan and cylindrical. A prolific vine plant.  
½ oz., 1 lb

**VS 708 Early White Bush** (52 days) Small, round flat with ridges or scalloped edges. It is quite disease-resisting and a very prolific variety. They measure 7 to 8 inches across, are almost smooth, and creamy white.  
½ oz., 1 lb

**VS 709 Multipik Hybrid** (50 days) Extremely prolific! Produces a bumper crop of straightneck fruits. Vigorous, bush plants grow well in many regions. Pick often for highest yields.  
5,000 seeds

**VS 710 Enterprise Hybrid** (41 days) Long, slender, yellow fruit with an average length of 7-8 inches. Standard for growers in the Southeast. Vigorous, productive plant. Straightneck.  
Pkt. $4.00, ½ oz. $17.00

**VS 714 Early Prolific Straightneck** (50 days) An important commercial squash especially designed with straight neck for packing in crates with minimum damage and best appearance. Quite uniform, small, early, fine quality, bright yellow, and very productive. A delicious squash for the table.  
½ oz., 1 lb., 5 lbs.

**VS 715 Black Zucchini** (62 days) Mature fruit 14” x 4”, 120 days, edible in 43 to 46 days. Fruit is cylindrical, long, straight, and slender with slight ridges; very dark green at first edible stage, turning black-green at full maturity. Smooth skin. Flesh is greenish white, firm and fine quality. Very tender. Bush type plant of fairly closed habit.  
½ oz., 1 lb., 5 lbs.
**Seeds, Scoops, & Scales**

will produce plants for 1 acre. Used for ornamental and table planting as late as July. 

Changes in soil temperatures and should be mulched to minimize damage from cold. Only ¼ of plant remains above ground. Most of the quality garden or tomato fertilizer (as directed on container). Set so that no part of the seed is buried. Prepare the soil a foot or more deep and wide mixing liberal amounts of well rotted organic matter, and a good quality fertilizer. Heat the seed bed in February or March. Transplant to peat pots when about 1½ inches tall. Plant outdoors after danger of frost, or protect with hot caps. Break soil a foot or more deep and wide mixing liberal amounts of well rotted organic matter, and a good quality garden or tomato fertilizer (as directed on container). Set so that only ¼ of plant remains above ground. Keep well mulched to minimize changes in soil temperatures and moisture. Sow successive crops for planting as late as July. ¼ lb. of seeds will produce plants for 1 acre.

**VS 717 Turk’s Turban** (85 days)

Used for ornamental and table purposes. A hard and fairly durable fruit. Grows 7 inches in height. Streaked with orange, white and sometimes green or red.

½ oz., 1 lb.

**VS 718 Waltham Butternut** (90 days)

Quality is excellent with good flavor and color. Plants are highly productive of attractive uniform fruit of superior keeping quality.

½ oz., 1 lb.

**VS 719 Table Queen** (90 days)

The fruits are acorn shaped, 4 to 5 inches in diameter and 5 to 6 inches in depth, prominently ribbed with dark green skin. Flesh of the finest texture, quality and flavor. Should be allowed to mature on the vine after which they will bake fine or keep all winter.

½ oz., 1 lb.

**TOMATOES**

For early crop sow seeds in flats or heated seed bed in February or March. Transplant to peat pots when about 1½ inches tall. Plant outdoors after danger of frost, or protect with hot caps. Break soil a foot or more deep and wide mixing liberal amounts of well rotted organic matter, and a quality garden or tomato fertilizer (as directed on container). Set so that only ¼ of plant remains above ground. Keep well mulched to minimize changes in soil temperatures and moisture. Sow successive crops for planting as late as July. ¼ lb. of seeds will produce plants for 1 acre.

**VS 725 Delicious** (77 days) Smooth, red solid interior tomato producing 1 lb. fruit.

Pkt., ½ oz., ½ lb.

**VS 728 Sweetie** (65 days) An indeterminate plant that produces long clusters of very sweet cherry tomatoes. A vigorous grower that should be staked for best results.

Pkt., ½ oz., ½ lb.

**VS 729 Roma VF** (76 days) Compact determinate plant. Resistant to Verticillium and Fusarium wilts. Bright red, plum-shaped fruit with meaty interior and few seeds making it excellent for paste or whole pack.

Pkt., ½ oz., ½ lb.

**VS 730 Rutgers** (78 days) Plant vigor and heavy production plus the color, quality and size of the fruit are the prime reasons for the popularity of Rutgers. The tomatoes are large, solid and meaty. Plants are mildley fusarium resistant. For greater fusarium-wilt resistance use No. 735 Marion. 

Heirloom

Pkt., ½ oz., ½ lb.

**VS 735 Marion** (78 days) In trial it yielded 20% more marketable fruits per acre than Rutgers and equal to Homestead. If is resistant to grey leaf spot and fusarium wilt and moderately resistant to early blight. Fruit is large, smooth, deep ovate with red flesh, less cracking than most varieties. This is an excellent tomato for both market and home garden.

Pkt., ½ oz., ½ lb.

**VS 736 Homestead 24** (75 days) Selected from Homestead for uniform determinate plant type and fruit colors. Resistant to fusarium-wilt. Produces higher percentage of marketable, full-globe fruits than the original with thick walls, smooth shoulders and small blossom scar. Fruits medium-large and bright red.

Pkt., ½ oz., ½ lb.

**VS 739 Marglobe** (75 days) A main crop, scarlet fruited variety possessing fine commercial qualities. Where fusarium is a problem, we recommend No. 735 Marion. 

Heirloom

Pkt., ½ oz., ½ lb.

**VS 740 Big Beef Hybrid** (73 days) Produces extra large “beefy” fruits from 9 oz. to 1 lb. Shape is deep oblate to globe and the shoulder color is apple green prior to ripening. Plants large, vigorous and indeterminate.

Pkt., ¼ oz.

**VS 744 Celebrity, Hybrid** (70 days) All-American winner. An all-purpose variety with medium-sized, globe-shaped fruits. This determinate plant grows about 7 oz. fruits. Resistant to Verticillium, Fusarium I and II wilts, tobacco mosaic virus and root knot nematodes.

Pkt., ¼ oz., 1 oz.

**VS 745 Better Boy F1 Hybrid VFN** (78 days) Better Boy is one of the few tomatoes resistant to the three major causes of premature death: verticillium, fusarium and nematodes. It produces fruit in the 1-pound range throughout the season. Excellent for the fresh market and home garden. Reports of 24 to 30 tomatoes at one time. Sturdy, stocky green plants with round red fruit, with meaty interior, excellent fruit set, healthier foliage.

Pkt., ¼ oz., 1 oz.

**VS 746 Beefmaster Hybrid** (75-80 days) A mouth-watering, lightly ribbed beefsteak tomato. Beefmaster Hybrid bears enormous yields of mild, meaty, bright red tomatoes, up to 20lbs. Suitable for home gardens and market growers. Indeterminate. Disease resistant.

Pkt., ¼ oz.

**VS 747 Patio F1 Hybrid** (70 days) Medium-shaped fruit with good color. Has a compact upright habit with dark crinkled foliage. Grows 24-30 inches tall and should be staked. Resistant to fusarium wilt. Designed for growing in tubs and containers for the gardener with limited space.

Pkt., ¼ oz.

**VS 748 Burpee Big Boy Hybrid** (80 days) Reg. T.M. of W. Atlee Burpee Co. Fruits large, meaty, red, not wilt resistant; high yielder. Very popular large tomato because of its size and delicious flavor.

Pkt., ¼ oz.
**TURNIPS**

Sow January to April and again July through October. Any good, loose textured soil is satisfactory. Drill seed ¼ inch deep and about ½ inch apart in rows 2 - 3 feet apart. One and one-half pounds of seed will plant one acre; 1 oz. will plant 300 feet of row.

**VS 769 Tokyo Cross Hybrid** (35 days) A white root with good shape when harvested small. Good disease resistance.

Pkt., 1 oz., 1 lb.

**VS 772 Just Right Hybrid** (55 days) It has heavy cut foliage and well developed white, smooth roots of flattened globe shape. Just Right is just that for both tops and roots. All-American Silver Medal Winner

Pkt., 1 oz., 1 lb.

**VS 773 Topper Hybrid** (35 days) A hybrid Seven Top turnip produced for greens. It matures 5-10 days earlier, is heavier yielding, and is more erect than Seven Top.

1 lb.

**VS 781 Purple Top White Globe** (35 days) Roots globe shaped and flesh pure white. For table use pull when 8-10 days) A splendid quick-growing egg-shaped variety, with pure white skin.

1 oz., 1 lb., 5 lbs., 50 lbs.

**VS 783 Seven Top** (45 days) Makes plenty of leaf and sprouts in the spring. Tender and tasty as Turnip greens.

Heirloom

1 oz., 1 lb., 5 lbs., 50 lbs.

**VS 785 White Egg** (45 days) A splendiferous egg-shaped variety, with pure white skin.

1 oz., 1 lb., 5 lbs.

**WATERMELON**

Sow seed after all danger of frost has passed. A well drained sand loam soil with a pH of 5.0 - 6.0 is ideal. Do not plant on land where melons were grown before. The vines remove something from the soil not readily replaced, and following crops may produce deformed melons with black or shriveled ends. Fertilize with a quality garden fertilizer. Sidedress with Nitrate of Soda. Plant 6-8 seeds in hills spaced 8-10 feet each way. Gradually thin the plants out to one or two per hill. 3 lbs. of seed will plant an acre; 1 oz. will plant 50 hills.

**VS 438 Black Diamond** (85 days) A dark blue-green thick rind, sweet bright-red flesh with vigorous vines, 95-105 lbs. and nearly round.

½ oz., 1 lb.

**VS 439 Crimson Sweet** (90 days) An excellent shipping melon because of its thin tough rind. The dark red flesh has a delicious flavor. The melon is light green with dark green stripes, and the seeds are small. The uniformly shaped fruit weights 26 to 28 pounds. Vigorous vines are resistant to Anthracnose and Fusarium wilt.

½ oz., 1 lb.

**VS 442 Dixie Queen, Wilt Resistant** (85 days) Fruits are round, oval, striped, more uniform in size, cut REDder and ship better than the standard strain of Dixie Queen.

½ oz., 1 lb.

**VS 445 Jubilee** (90 days) Big green-striped, black seeded giant. Resistant to both Anthracnose and Fusarium wilt. Deep red flesh, deliciously sweet, tough rind, good shipper.

½ oz., 1 lb.

**VS 447 Florida Giant (Cannonball)** (95 days) Large, 40-50 lbs., nearly round, glossy dark green, thick rind, bright red, firm textured flesh of excellent quality. Black seeds. Vines are vigorous and productive.

½ oz., 1 lb.

**VS 450 Sugar Baby** (80 days) A small round melon, resembling Florida Giant in appearance. It is an ice box type with superior flesh and shipping qualities to other midget types. Flesh is red and good quality.

½ oz., 1 lb.

**VS 452 Charleston Gray #133** (85 days) A long, light-green water-melon, possessing the following fine qualities: Strong against sunburn and Fusarium wilt and resistant to 3 races (susceptible to 1 race) of Anthracnose. A high yielder of top quality melons, weighing 28 to 35 pounds. The thin rind is unusually tough, making it a good shipper.

½ oz., 1 lb.

**VS 459 Congo** (93 days) Resistant to 3 races (susceptible to 1 race) Anthracnose and slightly resistant to Fusarium wilt. A good yilder and shipper, having attractive marketing characteristics. The fruits (up to 5 lbs.) are long, cylindrical, two-toned green striped. Bright red flesh that is solid, crisp, sweet.

½ oz., 1 lb.

**Flowers**

**ANNUAL CUT FLOWERS**

1040 Cut Flower Mix - Many types of annuals that are suitable for cutting. Different sizes and heights. Provide contrasting colors throughout the summer. 1 lb. covers 9,000 sq. ft.

Pkt., 1 oz., 1 lb.

**ASTER**

1200 Single Rainbow Mix Single flowers with a yellow eye. This colorful mix contains scarlet, rose, pink, blue shades and purple. Perfect for cut flowers. Height 2 feet. Annual. Approx. 12,000 seeds per oz.

Pkt., ¼ oz.

**CONEFLOWER**

1480 Purple A large 3-4” purple-red flower with bronze, dome shaped centers on 2-3’ stems. Plants are drought-resistant. Perennial, Approx. 7,000 seeds per oz.

Pkt., ¼ oz., 1 lb.

**COREOPSIS**

1474 Sunburst An easy to grow perennial with lance-shaped leaves and bright yellow flowers. Grows to a height of 1 - 3 ft. and blooms throughout the summer. Adaptable to dry or wet conditions. Perennial. Approx. 12,000 seeds per oz.

Pkt., ¼ oz., 1 lb.
COSMOS - ANNUAL
Approx. 5,550 seeds per oz. Cosmos should be sown in spring in the open ground, when danger of frost is past. Plant not less than 18" apart in rows or in masses in beds.

1482 Sensation Double Mixed
Height 32 inches. Feathery foliage. Pkt., 1 oz., 1 lb.

FLOWER MIXTURE
1605 Wildflower Mixture A combination of hardy annuals of various heights and colors. Ideal for wild spots, beds and borders. 1 lb. covers 9,000 sq. ft.

GOURDS (ORNAMENTAL)
Annual, Approx. 500 seeds per oz. Climbers that form curiously shaped fruits on vines 10 to 20 feet high. Sow the seed like you would squash or cucumber. Useful for covering arbors, fences or stone walls.

1657 Dipper or Siphon Club shaped, light green. Pkt., 1 oz., 1 lb.


1660 Ornamental Mixed This surprise mixture embraces many small-fruiting varieties. Pkt., 1 oz., 1 lb.

1665 Luffa, Sponge Gourd Climbing vine. When under 6", can be eaten like zucchini. At a larger size and dried peeled for the fibrous sponge. Pkt., 1 oz., 1 lb.

1667 Large Mixed This mixture contains a wide assortment of shapes and colors. Pkt., 1 oz., 1 lb.

LUPINE
1749 Russell Mixed The plants generally grow about 3 ft. tall, thriving in either sun or partial shade. Typically bloom in May and June. Perennial, Approx. 1,400 seeds per oz. Pkt., 1 oz.

MARIGOLDS
Annual, Approx. 9,000 seeds per oz.

DWARF MARIGOLDS
1780 Sparky Mix Easy-to-grow French Marigold will bloom all season long. Compact mounds up to 12 inches tall will produce vivid bi-color orange and yellow flowers with an unusual form. This unique flower has wider, wavy petals that make these blooms spectacular when planted en masse. A beautiful choice for containers as well as gardens. Pkt. $1.39, ¼ oz. $2.40

GIAN T DOUBLE MARIGOLDS
1779 Cracker Jack This giant flowered Marigold is early, compact, strong, double and free flowering. The colors in this mixture cover the full Marigold range, including yellow, gold, orange and light primrose. Height 3½ feet. Pkt., ¼ oz.

MOONFLOWER
1797 White In good soil Moonflower vines grow to 20 feet high, bearing large heart-shaped leaves and white trumpet-shaped fragrant flowers to 6 inches across. They open in the evening and usually close before noon. Annual, Approx. 110 seeds per oz. Pkt., 1 oz.

NASTURTIUMS
1824 Jewel Dwarf Double Mixed A beautiful Nasturtium to add striking color to your garden. A great improvement over older varieties, it carries its blooms well above the foliage. Brilliant color mixture grown from choice re-selected separate shades. Annual, Approx. 196 seeds per oz. Pkt., 1 oz.

OX-EYE DAISY

PERENNIAL GARDEN
1930 Mixture Mixed and solid colors of Alyssum, Blanketflowers, Daisies, Columbine, Dahlia, Dianthus, Pansies, Poppies, Coneflowers, Snapdragons, Sweet William and Yarrow plus others. Perennial, 1 lb. covers 9,000 sq. ft. Pkt., ¼ oz.

CALIFORNIA POPPIES
Annual, Approx. 15,000 seeds per oz. It flowers early. Grows about a foot tall, with brightly colored flowers of a satiny finish.

1602 Orange California Poppy Daisy shape single with white petals with yellow centers. Bushy 3 ft. plant. Almost any type of soil as long as it’s well drained. Pkt., ¼ oz.

RICINUS
(CASTOR OIL BEAN)
2020 Mixed An annual plant height of 6-8 feet, with immense leaves. Used extensively in borders and along fence rows. It is said the plant repels moles. Approx. 30 seeds per oz. Pkt., 1 oz., 1 lb.

RUDBECKIA
2024 Marmalade This award winner has three inch flowers that are rich golden-orange in color. Grows 22 inches tall and blooms from mid-summer through early frost. Pkt., ¼ oz.

SHASTA DAISY
2065 Alaska 4 to 5 inch white flowers with yellow center. 2½ ft. Perennial, Approx. 19,600 seeds per oz. Pkt., ¼ oz.

SUNFLOWERS
F298 Russian Huge gold pads. Excellent for bird seed. Annual, Approx. 269 (Russian) seeds per oz. Pkt., ¼ lb., 1 lb., 4 lb.
**WINCA (PERIWINKLE)**
2168 Little Bright Eyes  Snow white flowers with a bright red eye. Compact (10") plant. Does well in hot arid areas. Annual. Approx. 21,550 seeds per oz.
Pkt., ¼ lb.

**VIOLET**
Approx. 25,500 seeds per oz.
Pkt., ¼ oz.

**DWARF ZINNIA**
2190 Thumbelina  All-America Selections Gold Medal Winner. Thumbelina is early to bloom and stays attractive throughout the summer to early frost. Perfect for low borders and window boxes. Annual. Approx. 21,550 seeds per oz.
Pkt., ¼ oz.

**PUMILA DOUBLE ZINNIAS**
(CUT AND COME AGAIN)
2200 Mixed  An important early cut flower. Flowers intermediate between Giants and Lilliputs. Plants 2 ft. tall. Flowers not over 1" across.
Pkt., ¼ oz.

**DOUBLE DAHLIA - FLOWEROED ZINNIAS**
Plants are medium height, 2½ to 3 feet tall. Strong stems huge fully double flowers resembling the show type of Dahlia.
2220 Gold Medal Dahlia - Flowered Mixed Zinnias  A very choice mixture.
Pkt., ¼ oz.

**GIANTS OF CALIFORNIA DOUBLE ZINNIAS**
The Giants of California Zinnias differ from the Dahlia flowering group in form. Both produce immense double flowers in almost every color and shade. 2½ to 3 feet tall.
2240 Giants of California Mixture  A mixture of all colors and shades.
Pkt., ¼ oz.

**TALL DOUBLE**
2270 State Fair Mix  Scarlet, Rose, salmon, orange, yellow, white and more. Four inch bright single and double blooms on long 36” stems.
Pkt., ¼ oz.

**DOUBLE LILLIPUT ZINNIAS**
2280 Double Mixed  The Lilliputs (Pompom or Baby Zinnias) are among the most popular for cut flowers. Flowers are small, compact and symmetrical, on strong stemmed plants, 1½ - 2 feet tall. Four inch bright single and double blooms on long 36” stems.
Pkt., ¼ oz.

**Herbs**

802 Sweet Basil  Annual. Sweet scented leaves on 2 ft. tall plants are used for flavoring soups and sauces.
Pkt., ¼ oz.

808 Catnip  Perennial. 80 days maturity. Leaves can be used green or dried as seasoning and also in making tea. An excellent animal tonic, the plants grow from 1½ ft. tall. Have fragrant lavender blue flowers.
Pkt., ¼ oz.

810 Chives  Perennial. Plant 10 inches tall, with thin onion-like leaves. A hardy perennial of the onion family. Stems are used for flavoring soups, salads, stews. Purple flowers. Milder than onions.
Pkt., ¼ oz.

813 Cilantro  Annual. Height 1 - 2 feet. A pretty plant with white, pink, or pale mauve flowers and delicate light green leaves. All parts of the plant are used, and each has its own distinct flavor.
Pkt., ¼ oz.

814 Dill  Annual. Seeds and stems furnish the flavor for the famous dill pickles. Also used in sauces, soups, stews or minced on lettuce. Easily grown and aromatic. 2-3 ft. with yellow flowers.
Pkt., ¼ oz.

820 Sweet Marjoram  Annual. Use fresh or dried to season poultry dressings, meat pies, soups, salads, peas, beans, sausages and stews. Gather to dry just before it flowers. Grows 1 to 2 ft. tall with flowers in purple spikes.
Pkt., 1/16 oz.

824 Oregano  Perennial. Oregano grows well in average well drained soil with full sun. It requires routine watering and foliage does better when the flowers are cut back. It can be grown in containers and needs replacing every three years when it becomes woody. The leaves have a sharp flavor and taste a little like Thyme. They can be used fresh or dried in meats and salads and especially in Italian and Mexican dishes. Grows 2-2½ ft.
Pkt., 1/16 oz.

826 Parsley, Moss Curled  Biennial. Dwarf compact growth gives general appearance of coarse moss and has decorative foliage. Is used fresh as a garnish and fresh or dried in vegetables, meats, stews, salads, casseroles and soups. Harvest leaves before flowering when leaves become bitter. 6-12" plants. Plant August to October, and during spring from the end of January to the end of April. Soak the seed for 24 hours and mix with sand, it is slow to germinate and sometimes remains in the ground from four to five weeks before making its appearance.
Pkt., 1 oz.

828 Parsley, Plain  Annual. More flavorful than curled varieties. Medium green with flat deeply cut leaves.
Pkt., 1 oz.

832 Sage  Perennial. Most popular of all seasoning herbs, matures in 75 days. A fragrant, slightly bitter herb used extensively to flavor poultry, sausages, meats, dressings, fillings, stews, soups, fish chowders and sauces. Use leaves fresh or dried. Plants grow 1 to 2 ft. tall.
Pkt., ½ oz.

836 Thyme  Perennial. German Winter. Plant used green or dry for seasoning. Its dwarf habit, 10" tall, makes the plant an attractive subject for borders or rockeries.
Pkt., 1/16 oz.
FR 083  Unhulled-Coated Bermuda  Has a natural seed husk that generally delays germination until ideal conditions are present. The seed is coated with a coating material and a fungicide to promote better germination. Used for pasture, erosion control, lawns, roadsides, and many other uses. Very drought tolerant. Clip close and often during the summer. The dense sod bowns during winter. Sow 2 lbs. per 1,000 sq. ft.

FR 132 Kentucky Bluegrass  A cool season lawn grass. Used successfully in lawn mixtures. A very deep green grass. Variety Not Stated. Sow 3 lbs. per 1,000 sq. ft.

FR 260 Tifblair Centipede  Dense, low growing sod; crowds out weeds and other grasses; tolerates sun and shade and requires little mowing or feeding. Until recently propagated only by stolons requiring much labor and expense. Now Centi-Seeds are available for direct seeding. One pound plants 2,000 to 4,000 sq. ft. 1 lb., 5 lbs.

FR 400 Kentucky 31 Tall Fescue  A vigorous, fast growing coarse variety, well adapted for lawns in the Southeast. Resists close clipping - cut at 2 ½ to 3 inches. Adapted to all soils except deep sand. Sow 6 to 10 lbs. per 1,000 sq. ft. for lawns. 1 lb., 5 lbs, 50 lbs.

FR 414 W-Q Contractors Mixture  Contains tall fescue and ryegrass. The fescue will be between 70% and 80% of the mixture, and the balance will be ryegrass.

FR 425 Creeping Red Fescue  A shade and drought tolerant variety that should be in every semi-shady or shaded lawn. The very fine leaves and dark green color improves the appearance of the lawn. Like other shade tolerant cool weather grasses, this variety does not tolerate clipping below 2 to 3 inches until well established. Sow 6 to 8 lbs. per 1,000 sq. ft. 4 lbs., 50 lbs.

FR 486 Raptor II Tall Fescue  Dark green with a tight knit growth habit. Improved disease resistance. Drought tolerant. Sow 6-9 lbs. per 1,000 sq. ft.


FR 492 Top Choice Sun & Shade Mixture  Contains premium turf-type fescues plus heat tolerant bluegrass. 3 lbs., 20 lbs., 50 lbs.

FR 721 Certified Potomac Orchardgrass  An improved, cool-season perennial bunchgrass which grows more erect than others (2 to 4 feet). Good companion for legumes, especially Ladino Clover. Plant in September in fall or March and April in spring in well drained moderately heavy soil. Sow 12 to 15 lbs. per acre. 50 lbs.

FR 800 Annual Ryegrass  The quickest germinating and fastest growing grass for lawn or pasture. Sow early fall 10 lbs. per 1,000 sq. ft. for lawns; 40 lbs. per acre for pasture. 5 lbs., 10 lbs., 25 lbs., 50 lbs.

FR 832 Match Play Tri-Tanium  High performance perennial ryegrass blend formulated specifically for the turf professional. Maintains natural insect and disease resistance, dark color, along with heat and drought stress tolerance. Sow 5-7 lbs. per 1,000 sq. ft. 5 lbs., 10 lbs.

FR 999 Zenith Zoysiaagrass  Slow growth - mowing is greatly reduced. Exceptional drought tolerance. Improved cold tolerance. Little or no fertilization needed to maintain a dense, beautiful green appearance. Withstands mowing heights from 3/4” to 2”. Moderately fine texture and density to crowd out weeds. Adaptability to varying soil conditions. Mixed with turf-type tall fescues, it provides greener growth during winter dormant periods. Sow 1 lb. per 1,000 sq. ft. 2 lbs., 6 lbs.
FR 500 Austrian Winter Peas  An excellent choice for southern fall and winter food plots. Hardy to 0°F. Sow 25-35 lbs. per acre
50 lbs.

FR 670 Browntop Millet  Spreading growth 1 to 3 feet tall. Excellent wild bird cover and crop. Plant late spring 30 to 50 lbs. per acre.
50 lbs.

FR 932 Hairy Vetch  An annual legume that is more hardy than Common Vetch. Grows well in sandy soils and is drought resistant. Used as a green manure crop and for grazing and hay. Plant August to October on well drained soil. Sow 25-30 lbs. per acre, 1 lb. per 1,000 sq. ft.
50 lbs.

FR 955 W-Q Carolina Lawn Mixture  The most practical approach to problems that must be met if a satisfying lawn is to be established in the mid-Southeast. Our many years of experience have led us to the grasses most suited to the climate, soils, semi-shade, etc., of this area. The finest seeds of these varieties are carefully selected, tested separately and then blended into our Carolina All-Purpose Mixture. Sow 5 lbs. per 1,000 sq. ft.
5 lbs., 25 lbs., 50 lbs.

FR 960 W-Q Coastlawn Lawn Mixture  A mixture of grasses particularly adapted to our eastern coastal plain soils. It should be considered for lighter soils where reasonable moisture levels are the rule. Sow 5 lbs. per 1,000 sq. ft.
5 lbs., 25 lbs., 50 lbs.

FR 985 W-Q Shady Nook Lawn Mixture  A carefully blended mixture of exclusively perennial grasses best adapted to shaded areas. These shade tolerant varieties are seriously injured by close mowing. Use only a rotary type mower and for the first 2 or 3 years keep the mower up to 2½ inches. Mow often enough to avoid cutting more than 1/3 of the plant at any one time. Where the soil is acid from poor drainage or drippings from trees, occasional applications of agricultural lime should be made. Sow 5 lbs. per 1,000 sq. ft.
5 lbs., 25 lbs., 50 lbs.

“TESTED and ADAPTED” SEEDS
The term “tested and adapted” has a real meaning for everyone planting seeds in the Southeast. Of thousands of varieties available, only those best suited to this area are offered. Every lot is produced by qualified and experienced professional seed growers in the area best suited for that variety. Seed stocks are carefully checked in trial ground before the crop is produced and most Wyatt-Quarles seed crops are rigorously supervised during production for purity of strain and variety. Every lot is sampled, tested and complete records kept on every lot.

PRICES and TERMS
Prices shown on everything in this catalog are subject to change at any time. All offerings are without engagement subject to prior sale and the availability of supplies. We warrant, to the extent of the purchase price, that seeds or bulbs sold are as described on the container, within recognized tolerances. We give no other or further warranty, express or implied.
### WYATT-QUARLES SEED RACKS

#### WQ HR144 Wyatt-Quarles Herb Rack
- **R139**
- 12 Packs of Each
- HB 802 Sweet Basil*
- HB 808 Catnip
- HB 810 Chives
- HB 813 Cilantro
- HB 814 Dill
- HB 820 Sweet Marjoram
- HB 824 Oregano
- HB 826 Parsley, Moss Curled
- HB 828 Parsley, Plain
- HB 832 Sage
- HB 836 Thyme
- **144 Packets Total**
- *24 packs of each

#### WQ PR144 Wyatt-Quarles Flower Rack
- **R139**
- 12 Packs of Each - Perennials
- FP 1474 Coreopsis
- FP 1480 Purple Coneflower
- FP 1690 Hollyhocks
- FP 1749 Lupins
- FP 1930 Perennial Flower Mix*
- FP 1950 Ox-Eye Daisy*
- FP 2024 Rudbeckia*
- FP 2065 Shasta Daisy
- FP 2170 Viola-Johnny Jump-Up
- **144 Packets Total**
- *24 packs of each

#### WQ AR144 Wyatt-Quarles Flower Rack
- **R139**
- 12 Packs of Each - Annuals
- FP 1602 California Poppies
- FP 1017 Alyssum
- FP 1200 Aster
- FP 1482 Cosmos
- FP 1605 Wildflower Mixture
- FP 1660 Ornamental Gourd
- FP 1779 Marigold
- FP 1824 Nasturtiums
- FP 1960 Phlox
- FP 2200 Zinnia-Double Mixed
- FP 2280 Zinnia-Lilliput Mixed
- FP 2190 Zinnia-Thumbelina
- **144 Packets Total**

#### WQ GR48 Wyatt-Quarles "Greens" Rack
- **R249**
- 4 Packs of Each - Greens
- VS 343 Dwarf Siberian Improved
- VS 344 Spring or Smooth Kale
- VS 371 Black Seeded Simpson Lettuce
- VS 388 Salad Bowl Lettuce
- VS 484 Broad Leaf Mustard
- VS 485 So. Giant Mustard
- **“Greens” Rack Continued**

**WQ VS144 Wyatt-Quarles Vegetable Seeds**
- **R189**
- 12 Packs of Each - Vegetables
- VS 16 Bush Bean, Blue Lake
- VS 65 Bush Lima, Early Thorogreen
- VS 234 Sweet Corn, Kandy Korn
- VS 239 Sweet Corn, Silver Queen
- VS 285 Cucumber, National Pickling
- VS 286 Cucumber, Poinsett 76
- VS 418 Cantaloupe, Hale’s Jumbo
- VS 496 Okra, Clemson Spineless
- VS 610 Pumpkin, Connecticut Field
- VS 706 Squash, Crookneck
- VS 714 Squash, Straightneck
- VS 736 Tomato, Homestead
- **144 Packets Total**

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**ENVELOPES WITH WYATT-QUARLES EMBLEM**

1 oz. self-seal envelope.
Measure 3¾" X 5½” w/ WQ logo.
- **WQ 7WQ**
- 500CS

Self-seal color envelope.
Measures 4” X 6¼” w/ WQ logo.
- **WQ 8**
- 1000CS

Self-Seal envelope.
Measures 5¼” X 8¼” w/ WQ logo.
- **WQ 13**
- 500CS
## SHAFER

### WILD BIRD FEED
Wild Bird Feed- contains Red Millet, White Millet, Milo, and Sunflower.  Crude Protein (min.) 10%, Crude Fat (min.) 3%, Crude Fiber (max.) 12%

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 0205</td>
<td>5 lb.</td>
<td>R309</td>
<td>10CS</td>
<td>BZ 0210</td>
<td>10 lb.</td>
</tr>
<tr>
<td>BZ 0225</td>
<td>25 lb.</td>
<td>R1249</td>
<td>1EA</td>
<td>BZ 0250</td>
<td>50 lb.</td>
</tr>
</tbody>
</table>

### PREMIUM WILD BIRD FEED
White Millet, Sunflower Seed, Peanut Hearts, Thistle, and Safflower.  Crude Protein (min.) 9%, Crude Fat (min.) 4%, Crude Fiber (max.) 10%

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 0520</td>
<td>20 lb.</td>
<td>R1229</td>
<td>1EA</td>
<td>BZ 0540</td>
<td>40 lb.</td>
</tr>
</tbody>
</table>

### WHITE PROSO
Tiny seeds of white proso millet are desirable to many species of birds, especially doves, juncos, native sparrows, towhees, quail, and bobwhite.

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 1250</td>
<td>50 lb.</td>
<td>R2369</td>
<td>1EA</td>
</tr>
</tbody>
</table>

### PEANUT HEARTS
High energy feed for birds.

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 3160</td>
<td>25 lb.</td>
<td>R3999</td>
<td>1EA</td>
</tr>
</tbody>
</table>

### STRIPED SUNFLOWER
Large type of sunflower seed has a high oil content. Great for larger birds.

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 0405</td>
<td>5 lb.</td>
<td>R529</td>
<td>6CS</td>
</tr>
<tr>
<td>BZ 0425</td>
<td>25 lb.</td>
<td>R2319</td>
<td>1EA</td>
</tr>
<tr>
<td>BZ 0450</td>
<td>50 lb.</td>
<td>R4499</td>
<td>1EA</td>
</tr>
</tbody>
</table>

### 50/50 BLENDED SUNFLOWER

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 0725</td>
<td>25 lb.</td>
<td>R2079</td>
<td>1EA</td>
</tr>
</tbody>
</table>

### BLACK OIL SUNFLOWER
Attracts a wide variety of birds.  Good source of quality protein.

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 0605</td>
<td>5 lb.</td>
<td>R399</td>
<td>6CS</td>
</tr>
<tr>
<td>BZ 0625</td>
<td>25 lb.</td>
<td>R1639</td>
<td>1EA</td>
</tr>
<tr>
<td>BZ 0650</td>
<td>50 lb.</td>
<td>R3359</td>
<td>1EA</td>
</tr>
</tbody>
</table>

### SAFFLOWER
High fat, protein and oil content.  A favorite of cardinals.

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 1105</td>
<td>5 lb.</td>
<td>R749</td>
<td>4CS</td>
</tr>
<tr>
<td>BZ 1125</td>
<td>25 lb.</td>
<td>R2999</td>
<td>1EA</td>
</tr>
<tr>
<td>BZ 1150</td>
<td>50 lb.</td>
<td>R5795</td>
<td>1EA</td>
</tr>
</tbody>
</table>

## NYJER (THISTLE) SEED
A fine black seed attractive to goldfinches and pine siskins.

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 0805</td>
<td>5 lb.</td>
<td>R1249</td>
<td>8CS</td>
</tr>
<tr>
<td>BZ 0810</td>
<td>10 lb.</td>
<td>R2239</td>
<td>5CS</td>
</tr>
<tr>
<td>BZ 0820</td>
<td>20 lb.</td>
<td>R4395</td>
<td>1EA</td>
</tr>
<tr>
<td>BZ 0850</td>
<td>50 lb.</td>
<td>R9899</td>
<td>1EA</td>
</tr>
</tbody>
</table>

### SUNFLOWER BITS & PIECES
Raw hulled sunflower chips and pieces (coarse).

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 1025</td>
<td>25 lb.</td>
<td>R4439</td>
<td>1EA</td>
</tr>
<tr>
<td>BZ 1050</td>
<td>50 lb.</td>
<td>R8449</td>
<td>1EA</td>
</tr>
</tbody>
</table>

### CARDINAL FOOD
Perfect for attracting cardinals.  Sunflower & Safflower.

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 1507</td>
<td>7 lb.</td>
<td>R659</td>
<td>6CS</td>
</tr>
</tbody>
</table>

### FARMERS DELIGHT WILD BIRD FEED
Has the four basic ingredients needed to attract back-yard birds and at a value price.  Contains: Millet, Milo, Cracked Corn and Sunflower

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZ 9220</td>
<td>20 lb.</td>
<td>R1019</td>
<td>1EA</td>
</tr>
<tr>
<td>BZ 9240</td>
<td>40 lb.</td>
<td>R1989</td>
<td>1EA</td>
</tr>
</tbody>
</table>

## ALUMINUM SCOOPS
Scoops are made using one-piece cast aluminum for lasting durability and strength. Ideal for ice, grains, seeds, pet food and more.

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight</th>
<th>Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>HM 1</td>
<td>holds up to 1 lb.</td>
<td>R1069</td>
<td>1EA</td>
</tr>
<tr>
<td>HM 2</td>
<td>holds up to 2 lb.</td>
<td>R1749</td>
<td>1EA</td>
</tr>
<tr>
<td>HM 3</td>
<td>holds up to 3 lb.</td>
<td>R2499</td>
<td>1EA</td>
</tr>
</tbody>
</table>
**Blazing Hot Blend** is a 100% all natural way to deter squirrels. Superior blend with liquid habanero peppers.
- **CZ BH05** 5 lb. \( \text{R}1599 \) 6CS
- **CZ BH10** 10 lb. \( \text{R}3099 \) 4CS
- **CZ BH20** 20 lb. \( \text{R}5899 \) 2CS

**Blue Ribbon Blend** is a traditional mix that attracts a wide variety of birds. Consists of black oil sunflower, sunflower meats, white proso millet, cracked corn and canary seed.
- **CZ BR05** 5 lb. \( \text{R}999 \) 6CS
- **CZ BR10** 10 lb. \( \text{R}1799 \) 4CS
- **CZ BR20** 20 lb. \( \text{R}3399 \) 2CS

**Cajun Cardinal** is a favorite for birds, but not squirrels. Consists of sunflower meats, safflower, liquid habanero chili peppers, safflower oil.
- **CZ CB05** 5 lb. \( \text{R}1799 \) 6CS
- **CZ CB10** 10 lb. \( \text{R}3499 \) 4CS

**Cracked Corn** appeals to a wide range of ground feeding birds such as cardinals, white-throated sparrows, towhees, ducks, and doves.
- **CZ CC05** 5 lb. \( \text{R}599 \) 6CS
- **CZ CC10** 10 lb. \( \text{R}1099 \) 4CS
- **CZ CC20** 20 lb. \( \text{R}1999 \) 2CS

**Critter Munchies** is for squirrels, chipmunks, etc. Consists of corn, striped and black oil sunflower, peanuts in the shell and raw peanuts.
- **CZ CM05** 5 lb. \( \text{R}899 \) 6CS
- **CZ CM10** 10 lb. \( \text{R}1599 \) 4CS
- **CZ CM20** 20 lb. \( \text{R}2899 \) 2CS

**Finch Friends** attracts a variety of finches. Can be used in regular tube feeders. Consists of sunflower meats, nyjer seed, and Canary seed.
- **CZ FF05** 5 lb. \( \text{R}1399 \) 6CS
- **CZ FF10** 10 lb. \( \text{R}2699 \) 4CS
- **CZ FF20** 20 lb. \( \text{R}5099 \) 2CS

**Hot Meats** keeps squirrels away. Consists of sunflower meats, chili peppers, and safflower oil.
- **CZ HM05** 5 lb. \( \text{R}1999 \) 6CS
- **CZ HM10** 10 lb. \( \text{R}3899 \) 4CS
- **CZ HM20** 20 lb. \( \text{R}7599 \) 2CS

**Niger Seed** A favorite of beautiful wild finches like the American goldfinch. Best used in a specifically designed tubular feeder.
- **CZ NI05** 5 lb. \( \text{R}1199 \) 6CS
- **CZ NI10** 10 lb. \( \text{R}2399 \) 4CS

**Nutberry Suet Blend** is a trail mix for birds! Contains sunflower meats, raw peanuts, pecans, insect kibble, assorted fruits.
- **CZ NB05** 5 lb. \( \text{R}1899 \) 6CS
- **CZ NB10** 10 lb. \( \text{R}3699 \) 4CS
- **CZ NB20** 20 lb. \( \text{R}7099 \) 2CS

**Raw Peanuts** Out of the shell, ready to eat!
- **CZ RWP05** 5 lb. \( \text{R}1999 \) 6CS
- **CZ RWP10** 10 lb. \( \text{R}3799 \) 4CS

**Safflower** If you’re tired of feeding more squirrels than birds, safflower is for you. Cardinals, nuthatches, and chickadees can’t resist it.
- **CZ SA05** 5 lb. \( \text{R}1099 \) 6CS
- **CZ SA10** 10 lb. \( \text{R}2099 \) 4CS
- **CZ SA20** 20 lb. \( \text{R}3899 \) 2CS

**Special Feeder** is the most popular blend. Consists of black oil and striped sunflower, sunflower meats, raw peanuts, safflower and pecans.
- **CZ SF05** 5 lb. \( \text{R}1199 \) 6CS
- **CZ SF10** 10 lb. \( \text{R}2299 \) 4CS
- **CZ SF20** 20 lb. \( \text{R}4399 \) 2CS

**Sunflower Meats** is a no mess feed.
- **CZ SM05** 5 lb. \( \text{R}1599 \) 6CS
- **CZ SM10** 10 lb. \( \text{R}3199 \) 4CS
- **CZ SM20** 20 lb. \( \text{R}6099 \) 2CS

**POP MATERIAL**
- **CZ BROCH** 50 pk \( \text{R}---- \) 1PKG
- **CZ HOLDER** \( \text{R}---- \) 1EA
SUET & OTHER PRODUCTS

Flaming Squirrel Simply add this liquid chili pepper formula to your birdseed or specialty suets to greatly reduce squirrel visits at the bird feeder. 100% food grade ingredients.
CZ FS08 8 oz. R999 12CS
CZ FS16 16 oz. R1699 12CS

Suet Kibbles™ Bursting with berry flavor and loaded with beneficial dried insects.
CZ SKSu 17.6oz. R599 6CS

Blue Ribbon Blend™ Suet Cake all purpose suet that attracts the largest variety of songbirds. You can’t go wrong with this one! Rendered Beef Suet, Sunflower Seeds, Millet, Cracked Corn.
CZ BRUSU R199 12CS

Hot Meats™ Suet Cake Our famous best seller presented in a no melt suet cake that’s guaranteed to make the squirrels give up and go home. Rendered Beef Suet, Red Chili Peppers, Sunflower Meats, Corn, Oats.
CZ HMSU R399 12CS

Natural Peanut Suet Cake No melt formula with a peanut butter base. Rendered Beef Suet, Peanuts, Peanut Butter, Corn, Oats.
CZ NPSU R299 12CS

Special Feeder™ Suet Cake Full of pecans and peanuts, it’s a shoe-in to be your woodpecker’s favorite suet. Rendered Beef Suet, Peanuts, Almonds, Pecans, Corn, Oats.
CZ SFSU R299 12CS

BIRD FEEDERS

Hummer High Rise Feeder™ Elevated perches for more comfortable, stress free feeding. Also comes with a built-in ant moat which stops ants from invading the feeder and spoiling the nectar. It’s super easy to fill and clean.
CZ HH03 8 oz. R2199 6CS

Tough Bird Feeder Guard Snaps in place around your pole, rod or pipe just below the bird feeder, bird house or planter. When an animal attempts to climb past the Feeder Guard the animal receives a static shock and jumps off. The electric pulse is similar to the static shock you get from door handles on a dry winter day.
CZ SKSu 17.6oz. R599 6CS

RAIN GAUGES

EZ Read Decorative Rain Gauge Special magnifying design allows for easy viewing from 25 feet. Decorative copper colored inch markings and float. Measures up to 5” of rainfall. Made in the U.S.A.
RD 820-0582 R1589 6CS

EZ View Rain Gauge Unique design magnifies rain column for easy viewing.
RD 820-0188 R529 12CS

Basic Rain Gauge 5” accurate measurement. Easily mounts in ground or on fence.
RD 820-0409 R279 12CS
Taylor has been in the thermometer business since 1851 and with the first items created being weather thermometers. All outdoor thermometers are weather resistant and have an attractive bezel frame.

<table>
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<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
<th>Quantity</th>
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<td>TT 482BZ</td>
<td>12.25&quot; Glass Tube</td>
<td>R1999</td>
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<td>8&quot; Cardinal Suction Cup</td>
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<td>Indoor/Outdoor</td>
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<td>Minimum/Maximum</td>
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<td>13.5&quot; Black on White</td>
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**Clear Vu™ Rain Gauge**  
Weather-resistant construction with tapered end for ground or post mounting. Measures 5" of rainfall.  
- TT 2702N: 12.5" tall, R529 6CS  
- TT 2703N: 10.75" tall, R299 6CS

**Jumbo Rain Gauge**  
- TT 2706: 26" tall, R1399 12CS
Central Carolina Scales

CENTRAL CAROLINA SCALES
Weighing scale model SW-1. Weighs up to 10lb. Battery operated. AC adaptor included.
KG SW1    R22500    1EA

Notes: