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Production notes

Varieties of several kinds of vegetables were grown and evaluated in conjunction with breeding programs at the Oregon State University vegetable farm in Corvallis, Oregon. Unless otherwise noted, plots were 10 to 20 feet long, in 36-inch rows, and received about 450 lb/acre (about 10 lb/1,000 ft²) of 12-19-11 fertilizer banded prior to planting. Water was applied every 7 to 14 days as needed. The soil is a well-drained Chehalis silt loam.

Home gardens produce the best yields when planted with vegetable varieties adapted to local growing conditions. These variety trials may assist market growers and home gardeners in choosing adapted varieties, based on qualities that are important to them (such as appearance, earliness, flavor, yield, and disease resistance).

To learn more about specific crop characteristics, types of cultivars, crop origins, nutritional content, and other varietal qualities, see the Vegetable Crops (Hort. 233) class notes on the Web at oreonstate.edu/dept/hort/233/index.htm. To learn more about fertilization, cultural practices, pest and disease control, and harvest and storage of specific crops, see the Vegetable Crop Production Guides on the Web at osu.orst.edu/dept/NWREC/vegindex.html

Oregon State University Extension Service offers short publications on specific crops, garden planning, site preparation, and more. You can find many publications on the Web at eesc.oreonstate.edu, or write to Extension & Station Communications, Oregon State University, 422 Kerr Administration, Corvallis, OR 97331-2119; e-mail: puborders@oregonstate.edu; phone: 541-737-2513. Notes were not obtained on all varieties provided by seed companies or other sources.

Authors
Deborah Kean, research technician in horticulture; Jim Myers, associate professor of vegetable breeding; and Jack Stang, associate professor in horticulture; all of Oregon State University.

Sources of Varieties

*Abbott and Cobb, Inc., PO Box 307, Feasteville PA 19053-0307, 800-345-7333
Agrisales, 803 East Reynolds Street, Plant City FL 33563, 800-528-9991
W. Atlee Burpee Company, 300 Park Avenue, Warminster PA 18991, 800-888-1447
*Bejo Seeds, 1972 Silver Spur Place, Oceanside CA 92054, 805-473-2199
BHN Research, 16750 Bonita Beach Road, Bonita Springs FL 34135, 800-606-0163
*Crites Moscow Growers Inc., PO Box 8912, Moscow ID 83843-1412, 208-882-5519
*Daenfeld Seed Company, 1100 North Hanley Road, North Manchester IN 46962, 260-982-7969
*Dansen Seed Company, 10851 Woodbine Street, Los Angeles CA 90034, 310-838-7675
*D. Palmer Seed Co. Inc., 8269 South Highway 95, Yuma AZ 85365, 928-341-8494
*Harris Moran Seed Co., PO Box 4938, Modesto CA 95352-4938, 209-579-7333
Harris Seed, PO Box 24966, 355 Paul Road, Rochester NY 14624-0966, 800-544-7938
*Hazera Quality Seeds Inc., 2250 East Imperial Highway, Suite 200, El Segundo CA 90245, 310-648-6752
*Hollar & Company, Inc., PO Box 106, Rocky Ford CO 81067, 719-254-7411

*Known-You Seed Co., Ltd., 26 Chung Cheng 2nd Road, Kaohsiung, Taiwan, Republic of China
New Mexico State Univ., Dept. of Agronomy & Horticulture, PO Box 30, Las Cruces NM 88003, 505-646-3405
Nichols Garden Nursery, 1190 Old Santiam Road NE, Albany OR 97321, 800-422-3985
Oregon State Univ., J.R. Myers, Department of Horticulture, ALS 4017, Corvallis OR 97331-7304, 541-737-3083
*Orsett Seed Company Inc., 2301 Technology Parkway, PO Box 2350, Hollister CA 95024-2350, 831-636-4822
*Osborne International Seed Co., 2428 Old Highway 99 South, Mount Vernon WA 98273, 360-424-7333
Prairie Garden Seeds, Box 118, Cochlin SK, S0M 0L0, Canada
*Rupp Seeds, Inc., 17919 County Road B, Wauseon OH 43567-9458, 419-337-1841
*Semins Vegetable Seeds, 2700 Camino Del Sol, Oxnard CA 93030-7967, 805-647-1572
Siegers Seed Co., 13031 Reflections Drive, Holland MI 49424-7217, 800-962-4999
Stokes Seeds, PO Box 548, Buffalo NY 14240-0548, 800-396-9238
*Sunseeds, PO Box 2078, Morgan Hill CA 95038-2078, 408-776-1111
Syngenta Seeds, Inc., PO Box 4188, Boise ID 83711-4188, 208-322-7272
*Takii @American Takii, 301 Natividad Road, Salinas CA 93906, 831-443-4901
Territorial Seed Company, PO Box 158, Cottage Grove OR 97424-0061, 541-942-9547
*Vilmorin, Inc., @ Paramount Seeds, Inc., PO Box 1866, Palm City FL 34991, 772-221-0653

*Wholeseal only

The listing of a seed company in this publication does not mean that the Oregon State University Extension Service either endorses its products and services or intends to discriminate against products and services not mentioned.

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Johnny’s Selected Seeds, 955 Benton Avenue, Winslow ME 04901-2601, 207-861-3901

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### Broccoli

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Maturity</th>
<th>Plant Height (cm)</th>
<th>Head Diameter (cm)</th>
<th>Head Shape</th>
<th>Head Color</th>
<th>Bead Size</th>
<th>Stem Color</th>
<th>Head Exsertion</th>
<th>Head Segmentation</th>
<th>Plot Uniformity</th>
<th>Branching</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alborada</td>
<td>Bejo</td>
<td>medium</td>
<td>62</td>
<td>14</td>
<td>5</td>
<td>4</td>
<td>medium</td>
<td>4</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td>Very mild flavor</td>
</tr>
<tr>
<td>Arcadia</td>
<td>Sakata</td>
<td>medium</td>
<td>54</td>
<td>13</td>
<td>6</td>
<td>4</td>
<td>fine to medium</td>
<td>4</td>
<td>6</td>
<td>3</td>
<td>7</td>
<td>3</td>
<td>6</td>
<td>F1</td>
<td>Cabbage-like flavor</td>
</tr>
<tr>
<td>ATX 3040</td>
<td>Osborne</td>
<td>medium</td>
<td>65</td>
<td>12</td>
<td>7</td>
<td>4</td>
<td>medium to coarse</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>6</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td>Mild flavor</td>
</tr>
<tr>
<td>Bejo 1959</td>
<td>Bejo</td>
<td>medium</td>
<td>30</td>
<td>14</td>
<td>6</td>
<td>3</td>
<td>fine to medium</td>
<td>3</td>
<td>1</td>
<td>5</td>
<td>8</td>
<td>2</td>
<td>7</td>
<td>F1</td>
<td>Mild flavor</td>
</tr>
<tr>
<td>Centauro</td>
<td>Takii</td>
<td>medium</td>
<td>67</td>
<td>13</td>
<td>6</td>
<td>3</td>
<td>very fine</td>
<td>1</td>
<td>3</td>
<td>6</td>
<td>8</td>
<td>2</td>
<td>5</td>
<td>F1</td>
<td>Very poor head and stem color; mild flavor</td>
</tr>
<tr>
<td>Decathlon</td>
<td>Sakata</td>
<td>medium</td>
<td>52</td>
<td>17</td>
<td>4</td>
<td>5</td>
<td>medium to coarse</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Tall, erect leaves</td>
</tr>
<tr>
<td>Denali</td>
<td>Orsetti</td>
<td>medium early</td>
<td>46</td>
<td>20</td>
<td>5</td>
<td>3</td>
<td>medium</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Early Dividend</td>
<td>Territorial</td>
<td>early</td>
<td>41</td>
<td>19</td>
<td>4</td>
<td>5</td>
<td>fine to medium</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>7</td>
<td>1</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Emerald Pride</td>
<td>Sakata</td>
<td>medium</td>
<td>51</td>
<td>13</td>
<td>5</td>
<td>5</td>
<td>fine to medium</td>
<td>4</td>
<td>5</td>
<td>3</td>
<td>7</td>
<td>3</td>
<td>7</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Excelsior</td>
<td>Harris Moran</td>
<td>medium late</td>
<td>46</td>
<td>14</td>
<td>5</td>
<td>5</td>
<td>fine</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Gem</td>
<td>Seminis</td>
<td>early</td>
<td>51</td>
<td>12</td>
<td>3</td>
<td>4</td>
<td>medium</td>
<td>3</td>
<td>6</td>
<td>5</td>
<td>6</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td>Uneven bead development</td>
</tr>
<tr>
<td>General</td>
<td>Osborne</td>
<td>medium early</td>
<td>42</td>
<td>15</td>
<td>5</td>
<td>5</td>
<td>fine</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Heritage</td>
<td>Seminis</td>
<td>late</td>
<td>53</td>
<td>16</td>
<td>5</td>
<td>6</td>
<td>medium</td>
<td>4</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>2</td>
<td>7</td>
<td>F1</td>
<td>Some rosetting; open crown; may have processing potential</td>
</tr>
</tbody>
</table>

1. Direct seeded July 11.
2. Scores based on a 1–9 scale with 1 = concave, 5 = flat, and 9 = extreme dome. A dome shape is preferred to enable water to run off the head, minimizing head rot.
3. Scores based on a 1–9 scale with 1 = yellow green and 9 = dark blue green. Processors prefer a dark blue green head; may not be important to home gardeners.
4. Beads are the individual, unopened flower buds that make up a broccoli head.
5. Scores based on a 1–9 scale with 1 = little exsertion and 9 = very exserted. Head exsertion refers to how far the heads are held above the leaves (important for mechanical harvest).
6. Scores based on a 1–9 scale with 1 = uniform, tight head and 9 = highly segmented, loose head. Processors prefer a segmented head; if spears are too tight in the head, color may be uneven when the spears are divided for processing because some florets have not been exposed to light.
7. Scores based on a 1–9 scale with 9 = most uniform.
8. Scores based on a 1–9 scale with 1 = no branching and 9 = many well-developed side branches. Processing types must have a large main head for once-over harvest; home gardeners may prefer a smaller central head and good side branches for an extended harvest.
9. Scores based on a 1–9 scale with 9 = best.
10. F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
11. Rosetting refers to the formation of a large ring of older florets surrounding smaller, younger (and sometimes discolored) florets.

Variety Observations, 2003

Broccoli
# Broccoli

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Maturity</th>
<th>Plant Height (cm)</th>
<th>Head Diameter (cm)</th>
<th>Head Shape</th>
<th>Head Color</th>
<th>Bead Size</th>
<th>Stem Color</th>
<th>Head Exsertion</th>
<th>Head Segmentation</th>
<th>Plot Uniformity</th>
<th>Branching</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laguna</td>
<td>Osborne</td>
<td>medium early</td>
<td>30</td>
<td>18</td>
<td>5</td>
<td>5</td>
<td>fine</td>
<td>3</td>
<td>2</td>
<td>4</td>
<td>5</td>
<td>3</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Monterey</td>
<td>Sakata</td>
<td>late</td>
<td>48</td>
<td>16</td>
<td>6</td>
<td>4</td>
<td>fine to medium</td>
<td>3</td>
<td>5</td>
<td>6</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Mild flavor</td>
</tr>
<tr>
<td>Munchkin</td>
<td>Nichols</td>
<td>medium early</td>
<td>21</td>
<td>10</td>
<td>7</td>
<td>3</td>
<td>fine</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>5</td>
<td>8</td>
<td>4</td>
<td>OP</td>
<td>Uneven floret development; somewhat bitter flavor</td>
</tr>
<tr>
<td>Packman</td>
<td>Nichols</td>
<td>early</td>
<td>44</td>
<td>14</td>
<td>3</td>
<td>4</td>
<td>fine to medium</td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>4</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Premium Crop</td>
<td>Takii</td>
<td>medium</td>
<td>49</td>
<td>15</td>
<td>3</td>
<td>5</td>
<td>medium</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>7</td>
<td>3</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Regal</td>
<td>Harris Moran</td>
<td>early</td>
<td>37</td>
<td>12</td>
<td>4</td>
<td>5</td>
<td>medium</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>6</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Rosalind</td>
<td>Territorial</td>
<td>late</td>
<td>43</td>
<td>14</td>
<td>5</td>
<td>purple</td>
<td>very fine</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>4</td>
<td>OP</td>
<td>Novelty purple broccoli with cauliflower-like leaves and growth habit (non-branching); slightly bitter flavor</td>
</tr>
<tr>
<td>Sultan</td>
<td>Sakata</td>
<td>medium</td>
<td>39</td>
<td>13</td>
<td>6</td>
<td>5</td>
<td>fine to medium</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td>F1</td>
<td>Some head rot developing</td>
</tr>
<tr>
<td>Sussex</td>
<td>Syngenta</td>
<td>medium</td>
<td>48</td>
<td>15</td>
<td>5</td>
<td>6</td>
<td>medium</td>
<td>4</td>
<td>6</td>
<td>2</td>
<td>7</td>
<td>1</td>
<td>7</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Triathlon</td>
<td>Sakata</td>
<td>late</td>
<td>44</td>
<td>14</td>
<td>7</td>
<td>4</td>
<td>fine to medium</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Uneven bead development; poor flavor</td>
</tr>
<tr>
<td>Windsor</td>
<td>Siegers</td>
<td>medium</td>
<td>47</td>
<td>19</td>
<td>4</td>
<td>7</td>
<td>medium</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>6</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Good flavor; slightly sweet</td>
</tr>
</tbody>
</table>

1Direct seeded July 11.

2Scores based on a 1–9 scale with 1 = concave, 5 = flat, and 9 = extreme dome. A dome shape is preferred to enable water to run off the head, minimizing head rot.

3Scores based on a 1–9 scale with 1 = yellow green and 9 = dark blue green. Processors prefer a dark blue green head; may not be important to home gardeners.

4Beads are the individual, unopened flower buds that make up a broccoli head.

5Scores based on a 1–9 scale with 1 = little exsertion and 9 = very exserted. Head exsertion refers to how far the heads are held above the leaves (important for mechanical harvest).

6Scores based on a 1–9 scale with 1 = uniform, tight head and 9 = highly segmented, loose head. Processors prefer a segmented head; if spears are too tight in the head, color may be uneven when the spears are divided for processing because some florets have not been exposed to light.

7Scores based on a 1–9 scale with 9 = most uniform.

8Scores based on a 1–9 scale with 1 = no branching and 9 = many well-developed side branches. Processing types must have a large main head for once-over harvest; home gardeners may prefer a smaller central head and good side branches for an extended harvest.

9Scores based on a 1–9 scale with 9 = best.

10F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.

11Rosetting refers to the formation of a large ring of older florets surrounding smaller, younger (and sometimes discolored) florets.
### Cabbage

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Head Height (cm)</th>
<th>Head Width (cm)</th>
<th>Core Length (cm)</th>
<th>External Color</th>
<th>Internal Color</th>
<th>Head Density²</th>
<th>Uniformity²</th>
<th>Overall Score²</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artost</td>
<td>Bejo fresh market</td>
<td>medium early</td>
<td>early</td>
<td>18.5</td>
<td>20.5</td>
<td>8.5</td>
<td>yellow-green</td>
<td>light green</td>
<td>7</td>
<td>9</td>
<td>8</td>
<td>F1</td>
<td>Pleasant, sweet flavor</td>
</tr>
<tr>
<td>Cambria</td>
<td>Bejo fresh market</td>
<td>medium late</td>
<td>late</td>
<td>20</td>
<td>20</td>
<td>8.5</td>
<td>dark green</td>
<td>cream</td>
<td>9</td>
<td>5</td>
<td>7</td>
<td>F1</td>
<td>Very sweet</td>
</tr>
<tr>
<td>Capricorn</td>
<td>Territorial fresh market</td>
<td>early</td>
<td>early</td>
<td>29</td>
<td>16.5</td>
<td>10.5</td>
<td>dark green</td>
<td>cream</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Good flavor</td>
</tr>
<tr>
<td>Discover</td>
<td>Seminis fresh market</td>
<td>medium early</td>
<td>early</td>
<td>17</td>
<td>17</td>
<td>10</td>
<td>green</td>
<td>cream</td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>F1</td>
<td>Very sweet</td>
</tr>
<tr>
<td>Early Jersey Wakefield</td>
<td>Nichols fresh market</td>
<td>medium</td>
<td>early</td>
<td>24</td>
<td>15</td>
<td>11</td>
<td>yellow-green</td>
<td>cream</td>
<td>4</td>
<td>1</td>
<td>2</td>
<td>OP</td>
<td>Sharp, bitter flavor, not sweet; some heads slightly conical in shape</td>
</tr>
<tr>
<td>Early Thunder</td>
<td>Harris Moran fresh market</td>
<td>medium</td>
<td>medium</td>
<td>16.5</td>
<td>18</td>
<td>7.5</td>
<td>blue-green</td>
<td>light green</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Sweet with slight bitterness</td>
</tr>
<tr>
<td>Fast Vantage</td>
<td>Sakata fresh market</td>
<td>early</td>
<td>early</td>
<td>16</td>
<td>18</td>
<td>7.5</td>
<td>yellow-green</td>
<td>light green</td>
<td>8</td>
<td>7</td>
<td>8</td>
<td>F1</td>
<td>Mild, pleasant flavor</td>
</tr>
<tr>
<td>Morris</td>
<td>Bejo fresh market</td>
<td>medium late</td>
<td>medium</td>
<td>18</td>
<td>22</td>
<td>9</td>
<td>blue-green</td>
<td>light green</td>
<td>8</td>
<td>4</td>
<td>6</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Pacifica</td>
<td>Sakata fresh market</td>
<td>medium early</td>
<td>early</td>
<td>18</td>
<td>18.5</td>
<td>6</td>
<td>blue-green</td>
<td>light green</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Bland flavor</td>
</tr>
<tr>
<td>Parel</td>
<td>Bejo fresh market</td>
<td>medium early</td>
<td>medium early</td>
<td>16.5</td>
<td>16</td>
<td>8.5</td>
<td>green</td>
<td>cream</td>
<td>9</td>
<td>8</td>
<td>9</td>
<td>F1</td>
<td>Pleasant flavor</td>
</tr>
<tr>
<td>Supreme Vantage</td>
<td>Sakata fresh market</td>
<td>early</td>
<td>early</td>
<td>19</td>
<td>19</td>
<td>9</td>
<td>green</td>
<td>light green</td>
<td>4</td>
<td>7</td>
<td>6</td>
<td>F1</td>
<td>Pleasant flavor with slight bite</td>
</tr>
<tr>
<td>Surprise</td>
<td>Bejo fresh market</td>
<td>early</td>
<td>early</td>
<td>16</td>
<td>15.5</td>
<td>7</td>
<td>green</td>
<td>cream</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td>F1</td>
<td>Mild flavor</td>
</tr>
<tr>
<td>Tendersweet</td>
<td>Johnny’s fresh market</td>
<td>early</td>
<td>early</td>
<td>12</td>
<td>22.5</td>
<td>6</td>
<td>yellow-green</td>
<td>light green</td>
<td>3</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Very good, sweet, mild flavor</td>
</tr>
<tr>
<td>Kilosa</td>
<td>Bejo savoy medium late</td>
<td>20</td>
<td>21</td>
<td>8</td>
<td>blue-green</td>
<td>7</td>
<td>7</td>
<td>8</td>
<td>F1</td>
<td>Sweet with slight bite</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Savoy Express</td>
<td>Seminis savoy medium early</td>
<td>20</td>
<td>20</td>
<td>10.5</td>
<td>yellow-green</td>
<td>3</td>
<td>7</td>
<td>3</td>
<td>F1</td>
<td>Strong flavor; tip burn</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹Direct seeded June 11.

²Scores based on a 1–9 scale with 9 = best, most dense or most uniform.

³F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
### Carrots

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Color</th>
<th>Length (cm)</th>
<th>Width (cm)</th>
<th>Top Vigor</th>
<th>Cracking &amp; Defects</th>
<th>Percent Bolted</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chantenay #1</td>
<td>Nichols</td>
<td>Chantenay</td>
<td>light orange</td>
<td>14.5</td>
<td>5</td>
<td>6</td>
<td>none</td>
<td>15</td>
<td>7</td>
<td>F1</td>
<td>Good flavor; rough exterior; some white around core</td>
</tr>
<tr>
<td>Kuttiger</td>
<td>Territorial</td>
<td>Chantenay</td>
<td>white</td>
<td>17.5</td>
<td>8</td>
<td>7</td>
<td>none</td>
<td>0</td>
<td>5</td>
<td>OP</td>
<td>Heavily infected with aster yellows virus</td>
</tr>
<tr>
<td>Apache</td>
<td>Sunseeds</td>
<td>Danvers</td>
<td>orange</td>
<td>20</td>
<td>5</td>
<td>6</td>
<td>none</td>
<td>0</td>
<td>3</td>
<td>F1</td>
<td>Tough with poor flavor; uniform interior and exterior color but somewhat pale</td>
</tr>
<tr>
<td>Artist</td>
<td>Johnny’s</td>
<td>Danvers</td>
<td>orange</td>
<td>25</td>
<td>6</td>
<td>3</td>
<td>forking</td>
<td>0</td>
<td>5</td>
<td>F1</td>
<td>Sweet; rough-looking roots with large crown</td>
</tr>
<tr>
<td>Caropak</td>
<td>Nichols</td>
<td>Danvers</td>
<td>orange</td>
<td>20</td>
<td>5</td>
<td>6</td>
<td>none</td>
<td>0</td>
<td>8</td>
<td>F1</td>
<td>Fair interior color; very mild flavor with little sweetness</td>
</tr>
<tr>
<td>Flakkee Trofeo</td>
<td>Territorial</td>
<td>Danvers</td>
<td>light orange</td>
<td>21</td>
<td>6</td>
<td>9</td>
<td>some cracking</td>
<td>5</td>
<td>7</td>
<td>OP</td>
<td>Uniform, smooth roots; sweet</td>
</tr>
<tr>
<td>Health Master</td>
<td>Nichols</td>
<td>Danvers</td>
<td>orange</td>
<td>24</td>
<td>6.5</td>
<td>4</td>
<td>none</td>
<td>0</td>
<td>5</td>
<td>F1</td>
<td>Good interior color; bland flavor with no sweetness</td>
</tr>
<tr>
<td>Mello Yello</td>
<td>Nichols</td>
<td>Danvers</td>
<td>yellow</td>
<td>20.5</td>
<td>6</td>
<td>6</td>
<td>none</td>
<td>0</td>
<td>4</td>
<td>OP</td>
<td>Green shoulders well down carrot; woody; little flavor</td>
</tr>
<tr>
<td>Sweetness II</td>
<td>Nichols</td>
<td>Danvers</td>
<td>light orange</td>
<td>21</td>
<td>4</td>
<td>4</td>
<td>none</td>
<td>0</td>
<td>6</td>
<td>F1</td>
<td>Greening in top core; fairly sweet; color light</td>
</tr>
<tr>
<td>Yellowstone</td>
<td>Territorial</td>
<td>Danvers</td>
<td>golden-yellow</td>
<td>23</td>
<td>6</td>
<td>7</td>
<td>forking</td>
<td>20</td>
<td>5</td>
<td>OP</td>
<td>Uniform color with lemon-yellow interior; tough; fair flavor but not sweet</td>
</tr>
<tr>
<td>Pacific Gold</td>
<td>Sakata</td>
<td>Imperator</td>
<td>orange</td>
<td>15.5</td>
<td>3.5</td>
<td>5</td>
<td>none</td>
<td>0</td>
<td>8</td>
<td>F1</td>
<td>Tender and sweet; good color; very uniform interior and exterior color</td>
</tr>
<tr>
<td>Primecut 59</td>
<td>Sunseeds</td>
<td>Imperator</td>
<td>orange</td>
<td>21.5</td>
<td>4.5</td>
<td>2</td>
<td>some forking</td>
<td>0</td>
<td>6</td>
<td>F1</td>
<td>Zoning in core; fair flavor with some sweetness</td>
</tr>
<tr>
<td>Rainbow</td>
<td>Nichols</td>
<td>Imperator</td>
<td>salmon, yellow, orange</td>
<td>24</td>
<td>4.8</td>
<td>3</td>
<td>some forking and cracking</td>
<td>0</td>
<td>5</td>
<td>OP</td>
<td>Beautiful color variation, some with yellow core; fair flavor</td>
</tr>
<tr>
<td>Rex 190</td>
<td>Sakata</td>
<td>Imperator</td>
<td>orange</td>
<td>29.5</td>
<td>3</td>
<td>3</td>
<td>none</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Good core color; good carrot flavor</td>
</tr>
<tr>
<td>Sugar Snax 54</td>
<td>Johnny’s</td>
<td>Imperator</td>
<td>orange</td>
<td>28.5</td>
<td>3.5</td>
<td>6</td>
<td>some forking and cracking</td>
<td>0</td>
<td>6</td>
<td>F1</td>
<td>Good red-orange shoulder color; good interior color; aster yellows</td>
</tr>
<tr>
<td>Kinbi yellows</td>
<td>Johnny’s</td>
<td>Kuroda</td>
<td>yellow</td>
<td>18</td>
<td>7</td>
<td>5</td>
<td>some forking</td>
<td>10</td>
<td>6</td>
<td>F1</td>
<td>Green shoulders; translucent core; some aster</td>
</tr>
<tr>
<td>Kuroda</td>
<td>Harris</td>
<td>Kuroda</td>
<td>orange</td>
<td>20</td>
<td>8</td>
<td>8</td>
<td>some cracking and forking</td>
<td>0</td>
<td>6</td>
<td>F1</td>
<td>Some zoning; some cracking; some branching; bland flavor</td>
</tr>
<tr>
<td>New Kuroda</td>
<td>Takii</td>
<td>kuroda</td>
<td>orange</td>
<td>15.5</td>
<td>5.5</td>
<td>5</td>
<td>slight forking</td>
<td>20</td>
<td>8</td>
<td>F1</td>
<td>Very uniform; slight forking</td>
</tr>
</tbody>
</table>

1 Direct seeded June 19.

2 Imperator types have nearly cylindrical, long, durable roots and are especially suited to shipping and processing; Nantes are medium length and cylindrical and generally are considered to have the best flavor for fresh eating; Danvers are medium length and tapered; Chantenay types are broad, blocky, and relatively short, making them suitable for planting in heavy or shallow soils; Kurodas are Japanese types similar to Chantenay in shape; French forcing are small, short carrots of high quality.

3 Scores based on 1–9 scale with 9 = best.

4 Bolting is the premature formation of a seed stalk.

5 F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.

6 Aster yellows is a virus that infects many crops, including carrots; when severe it can affect yield and quality of roots. Zoning refers to interior rings of non-uniform color, generally considered an undesirable trait.
## Carrots

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type¹</th>
<th>Color</th>
<th>Length (cm)</th>
<th>Width (cm)</th>
<th>Top Vigor²</th>
<th>Cracking Defects</th>
<th>Percent Bolting</th>
<th>Overall Score³</th>
<th>Cultivar Type⁴</th>
<th>Notes⁵</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armstrong</td>
<td>Territorial</td>
<td>long nantes</td>
<td>orange</td>
<td>25</td>
<td>2.7</td>
<td>1</td>
<td>forking</td>
<td>0</td>
<td>3</td>
<td>F1</td>
<td>Deep orange color with lighter core; not sweet; branched roots</td>
</tr>
<tr>
<td>Merida</td>
<td>Territorial</td>
<td>nantes</td>
<td>light orange</td>
<td>17.5</td>
<td>4.5</td>
<td>3</td>
<td>some forking</td>
<td>0</td>
<td>5</td>
<td>F1</td>
<td>Green core and light interior; some forking</td>
</tr>
<tr>
<td>Mokum</td>
<td>Bejo</td>
<td>nantes</td>
<td>orange</td>
<td>18.5</td>
<td>2.7</td>
<td>2</td>
<td>some forking</td>
<td>5</td>
<td>8</td>
<td>F1</td>
<td>Uniform length and size; good, sweet flavor; some deep into core but good color below</td>
</tr>
<tr>
<td>Nantaise</td>
<td>Territorial</td>
<td>nantes</td>
<td>orange</td>
<td>15.5</td>
<td>4.5</td>
<td>3</td>
<td>some forking and cracking</td>
<td>0</td>
<td>6</td>
<td>OP</td>
<td>Mild flavor with little sweetness; some branching and cracking</td>
</tr>
<tr>
<td>Nantindo</td>
<td>Harris</td>
<td>nantes</td>
<td>orange</td>
<td>17</td>
<td>5</td>
<td>3</td>
<td>forking</td>
<td>0</td>
<td>6</td>
<td>F1</td>
<td>Good, dark, interior color; mild flavor; some forking; some aster yellows</td>
</tr>
<tr>
<td>Napa</td>
<td>Bejo</td>
<td>nantes</td>
<td>orange</td>
<td>18</td>
<td>3</td>
<td>4</td>
<td>forking</td>
<td>0</td>
<td>7</td>
<td>F1</td>
<td>Good core color; pleasant flavor; some branching</td>
</tr>
<tr>
<td>Nevis</td>
<td>Bejo</td>
<td>nantes</td>
<td>orange</td>
<td>21</td>
<td>4.5</td>
<td>3</td>
<td>forking</td>
<td>0</td>
<td>9</td>
<td>F1</td>
<td>Variable size and shape; mild and sweet; some branching</td>
</tr>
<tr>
<td>Scarlet Nantes Strongtop</td>
<td>Harris Moran</td>
<td>nantes</td>
<td>orange</td>
<td>14</td>
<td>4</td>
<td>2</td>
<td>none</td>
<td>0</td>
<td>5</td>
<td>OP</td>
<td>Rough exterior; core color poor with green deep into core; good flavor</td>
</tr>
<tr>
<td>Triple Play 58</td>
<td>Sunseeds</td>
<td>nantes</td>
<td>orange</td>
<td>18</td>
<td>4</td>
<td>4</td>
<td>forking</td>
<td>0</td>
<td>6</td>
<td>F1</td>
<td>Color somewhat light; fairly uniform roots with some branching; sweet</td>
</tr>
<tr>
<td>White Satin</td>
<td>Nichols</td>
<td>nantes</td>
<td>white</td>
<td>23.5</td>
<td>4.5</td>
<td>4</td>
<td>none</td>
<td>0</td>
<td>8</td>
<td>OP</td>
<td>Extensive green shoulder; some aster yellows; sweet</td>
</tr>
<tr>
<td>Nutri-red</td>
<td>Nichols</td>
<td>novelty</td>
<td>pinkish-red</td>
<td>21</td>
<td>3.5</td>
<td>2</td>
<td>forking and cracking</td>
<td>0</td>
<td>1</td>
<td>OP</td>
<td>Bitter</td>
</tr>
<tr>
<td>Purple Haze</td>
<td>Nichols</td>
<td>novelty</td>
<td>purple</td>
<td>almost 100</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>OP</td>
<td>Grow for flowers, not culinary purposes</td>
</tr>
<tr>
<td>White Belgium</td>
<td>Nichols</td>
<td>novelty</td>
<td>white</td>
<td>35</td>
<td>5.5</td>
<td>7</td>
<td>cracking</td>
<td>almost 100</td>
<td>1</td>
<td>OP</td>
<td>Good carrot flavor, fairly sweet; green shoulders and extending part way into core</td>
</tr>
<tr>
<td>Parmex</td>
<td>Johnny’s</td>
<td>French forcing</td>
<td>orange</td>
<td>10</td>
<td>8.5</td>
<td>2</td>
<td>none</td>
<td>0</td>
<td>7</td>
<td>OP</td>
<td>Hollow center; light interior color light; good, sweet flavor</td>
</tr>
</tbody>
</table>

¹Direct seeded June 19.

²Imperator types have nearly cylindrical, long, durable roots and are especially suited to shipping and processing; Nantes are medium length and cylindrical and generally are considered to have the best flavor for fresh eating; Danvers are medium length and tapered; Chantenay types are broad, blocky, and relatively short, making them suitable for planting in heavy or shallow soils; Kurodas are Japanese types similar to Chantenay in shape; French forcing are small, short carrots of high quality.

³Scores based on 1–9 scale with 9 = best.

⁴Bolting is the premature formation of a seed stalk.

⁵F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.

⁶Aster yellows is a virus that infects many crops, including carrots; when severe it can affect yield and quality of roots. Zoning refers to interior rings of non-uniform color, generally considered an undesirable trait.
## Cauliflower

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Maturity Date</th>
<th>Head Height (cm)</th>
<th>Head Width (cm)</th>
<th>Solidity²</th>
<th>Color²</th>
<th>Wrapper Leaves³</th>
<th>Uniformity²</th>
<th>Overall Score Processing</th>
<th>Overall Score Home Garden</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absolute</td>
<td>Harris Moran</td>
<td>medium</td>
<td>8</td>
<td>13</td>
<td>5</td>
<td>6</td>
<td>8</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Alaska</td>
<td>Seminis</td>
<td>medium</td>
<td>9</td>
<td>14</td>
<td>7</td>
<td>4</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Amazing</td>
<td>Johnnys’</td>
<td>medium</td>
<td>6</td>
<td>10.5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>7</td>
<td>3</td>
<td>5</td>
<td>OP</td>
<td></td>
</tr>
<tr>
<td>Artica</td>
<td>Harris Moran</td>
<td>medium</td>
<td>9</td>
<td>16</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>5</td>
<td>3</td>
<td>5</td>
<td>F1</td>
<td>Slightly spicy flavor</td>
</tr>
<tr>
<td>Callisto</td>
<td>Orsetti</td>
<td>medium</td>
<td>7.5</td>
<td>13</td>
<td>7</td>
<td>7</td>
<td>5</td>
<td>3</td>
<td>6</td>
<td>5</td>
<td>F1</td>
<td>Slightly spicy flavor</td>
</tr>
<tr>
<td>Concert</td>
<td>Osborne</td>
<td>medium early</td>
<td>7</td>
<td>10</td>
<td>4</td>
<td>8</td>
<td>7</td>
<td>5</td>
<td>3</td>
<td>7</td>
<td>F1</td>
<td>Good, mild flavor</td>
</tr>
<tr>
<td>Graffiti</td>
<td>Harris</td>
<td>medium</td>
<td>7.8</td>
<td>15</td>
<td>4</td>
<td>purple</td>
<td>5</td>
<td>3</td>
<td>1</td>
<td>7</td>
<td>F1</td>
<td>Very striking and attractive purple color; flavor is slightly bitter</td>
</tr>
<tr>
<td>Icon</td>
<td>Harris Moran</td>
<td>early</td>
<td>7</td>
<td>13</td>
<td>3</td>
<td>8</td>
<td>5</td>
<td>3</td>
<td>2</td>
<td>5</td>
<td>F1</td>
<td>Pleasant, mild, and slightly sweet flavor</td>
</tr>
<tr>
<td>Imperial 10-6</td>
<td>Harris</td>
<td>medium</td>
<td>8</td>
<td>14</td>
<td>9</td>
<td>5</td>
<td>7</td>
<td>3</td>
<td>7</td>
<td>7</td>
<td>OP</td>
<td>Very firm curds; slight purple blush on stems</td>
</tr>
<tr>
<td>Majestic</td>
<td>Sakata</td>
<td>early</td>
<td>6.5</td>
<td>10.5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>3</td>
<td>F1</td>
<td>Some purpling on stems; bland flavor</td>
</tr>
<tr>
<td>Snow Crown</td>
<td>Takii</td>
<td>very early</td>
<td>6.5</td>
<td>10</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>4</td>
<td>1</td>
<td>5</td>
<td>F1</td>
<td>Some purpling on stems; good flavor</td>
</tr>
<tr>
<td>Snow Mystique</td>
<td>Takii</td>
<td>early</td>
<td>7</td>
<td>10.5</td>
<td>4</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>4</td>
<td>F1</td>
<td>Good flavor</td>
</tr>
<tr>
<td>Symphony</td>
<td>Siegers</td>
<td>medium</td>
<td>9.4</td>
<td>14.5</td>
<td>3</td>
<td>5</td>
<td>7</td>
<td>4</td>
<td>1</td>
<td>5</td>
<td>F1</td>
<td>Purpling on stems</td>
</tr>
<tr>
<td>Titan</td>
<td>Osborne</td>
<td>medium</td>
<td>10</td>
<td>15</td>
<td>5</td>
<td>5</td>
<td>7</td>
<td>5</td>
<td>3</td>
<td>6</td>
<td>F1</td>
<td>Slight purple blush on stems</td>
</tr>
<tr>
<td>White Magic</td>
<td>Sakata</td>
<td>medium early</td>
<td>7.5</td>
<td>10</td>
<td>7</td>
<td>5</td>
<td>7</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Good, sweet flavor; firm curds</td>
</tr>
</tbody>
</table>

1Direct seeded July 11.

2Scores based on a 1–9 scale with 9 = best.

3Scores based on a 1–9 scale with 1 = open and 9 = head tightly wrapped at harvest stage.

4Scores based on a 1–9 scale with 9 = best. Processing types must be uniform and high yielding with good wrapper leaves (to maintain bright white color) and solid heads. Home gardeners may place more importance on flavor and earliness and less on bright white color, solidity, and uniformity.

5F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
### Corn, Sugary Enhanced and Sweet

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Color</th>
<th>Days to Harvest</th>
<th>Tons/ Acre</th>
<th>Ears/ Plant</th>
<th>Lb/ Ear</th>
<th>Ear Length (inches)</th>
<th>Ear Diameter (inches)</th>
<th>Kernel Depth (mm)</th>
<th>Pericarp Toughness</th>
<th>Kernel Refinement</th>
<th>Ear Uniformity</th>
<th>Flavor</th>
<th>Overall Score</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Sunglow</td>
<td>Nichols</td>
<td>su</td>
<td>yellow</td>
<td>84</td>
<td>8.7</td>
<td>1.64</td>
<td>0.38</td>
<td>6.6</td>
<td>1.8</td>
<td>11</td>
<td>94</td>
<td>2.5</td>
<td>3.5</td>
<td>2</td>
<td>3</td>
<td>Very early; rough-looking ears; not sweet</td>
</tr>
<tr>
<td>Prelude</td>
<td>Crites Moscow</td>
<td>su</td>
<td>yellow</td>
<td>91</td>
<td>14.5</td>
<td>2.19</td>
<td>0.47</td>
<td>7.2</td>
<td>1.9</td>
<td>11</td>
<td>114</td>
<td>4.5</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>Very good yield; attractive ears; good flavor</td>
</tr>
<tr>
<td>Kandy Kwik</td>
<td>Territorial</td>
<td>se</td>
<td>yellow</td>
<td>84</td>
<td>10.7</td>
<td>1.58</td>
<td>0.48</td>
<td>7.3</td>
<td>2.0</td>
<td>11</td>
<td>99</td>
<td>3</td>
<td>2.5</td>
<td>4</td>
<td>3</td>
<td>Very early</td>
</tr>
<tr>
<td>Legend</td>
<td>Johnny's</td>
<td>se</td>
<td>yellow</td>
<td>91</td>
<td>9.2</td>
<td>1.55</td>
<td>0.44</td>
<td>6.7</td>
<td>1.9</td>
<td>11</td>
<td>99</td>
<td>4</td>
<td>3.5</td>
<td>3.5</td>
<td>3.5</td>
<td>Uniform, attractive ears with good flavor</td>
</tr>
<tr>
<td>Sweet Cheeks</td>
<td>Harris Moran</td>
<td>se</td>
<td>yellow</td>
<td>91</td>
<td>5.8</td>
<td>1.17</td>
<td>0.38</td>
<td>7.1</td>
<td>1.7</td>
<td>10</td>
<td>87</td>
<td>3</td>
<td>2</td>
<td>3.5</td>
<td>2.5</td>
<td>Many curved ears; rough looking with skipped kernels; very small</td>
</tr>
<tr>
<td>Seneca Starshine</td>
<td>Territorial</td>
<td>se</td>
<td>white</td>
<td>88</td>
<td>6.7</td>
<td>1.09</td>
<td>0.44</td>
<td>6.7</td>
<td>1.8</td>
<td>11</td>
<td>75</td>
<td>3.5</td>
<td>2.5</td>
<td>4.5</td>
<td>3.5</td>
<td>Attractive, small ears with very good flavor</td>
</tr>
<tr>
<td>Spring Snow</td>
<td>Harris</td>
<td>se</td>
<td>white</td>
<td>91</td>
<td>6.6</td>
<td>1.06</td>
<td>0.42</td>
<td>7.1</td>
<td>1.8</td>
<td>10</td>
<td>111</td>
<td>2.5</td>
<td>2</td>
<td>3</td>
<td>2.5</td>
<td>Rough-looking ears; not very sweet</td>
</tr>
<tr>
<td>Sweet Ice</td>
<td>Harris</td>
<td>sb</td>
<td>white</td>
<td>91</td>
<td>7.6</td>
<td>1.29</td>
<td>0.44</td>
<td>7.0</td>
<td>1.8</td>
<td>10</td>
<td>100</td>
<td>4.5</td>
<td>3.5</td>
<td>3.5</td>
<td>3.5</td>
<td>Attractive ears</td>
</tr>
<tr>
<td>Sweet Chorus</td>
<td>Harris</td>
<td>sb</td>
<td>bicolor</td>
<td>88</td>
<td>12.3</td>
<td>1.96</td>
<td>0.51</td>
<td>7.6</td>
<td>1.9</td>
<td>11</td>
<td>104</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>Good yield; some curved ears</td>
</tr>
<tr>
<td>Sweet Rhythm</td>
<td>Harris</td>
<td>sb</td>
<td>bicolor</td>
<td>91</td>
<td>9.2</td>
<td>1.55</td>
<td>0.46</td>
<td>7.2</td>
<td>1.9</td>
<td>11</td>
<td>99</td>
<td>3.5</td>
<td>3</td>
<td>4.5</td>
<td>3.5</td>
<td>Attractive, small ears; very good, sweet flavor</td>
</tr>
</tbody>
</table>

1 Direct seeded June 20 in rows 30” apart, thinned to 9” between plants. All data were obtained from typical husked good ears. For ear length, ear diameter, and tenderness, the value shown is the average of 10 individual ear measurements. All varieties are hybrids.

2 Endosperm type: su = sugary, se = sugary enhanced, sb = “triple sweet” or “sweet breed” types, which are similar in sweetness to supersweet types but can be planted with sweet and sugary enhanced types, although some loss in quality may be observed. All these types must be isolated from supersweets.

3 Tenderness was determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp.

4 Scores based on a 1–5 scale, with 5 = most refined. Kernel refinement is a subjective measure of kernel size and uniformity, with small, evenly sized kernels being preferable.

5 Scores based on a 1–5 scale with 5 = most uniform. Ear uniformity refers to the degree of variation among ears.

6 Scores based on a 1–5 scale with 5 = best.

Variety Observations, 2003
## Cucumbers

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Spine Color</th>
<th>Skin Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Vigor</th>
<th>Disease</th>
<th>Yield</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACX 5001</td>
<td>Abbott &amp; Cobb</td>
<td>American slicer</td>
<td>late</td>
<td>light</td>
<td>dark green</td>
<td>23.5</td>
<td>5.5</td>
<td>7</td>
<td>2</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Uniform, attractive fruit</td>
</tr>
<tr>
<td>Genuine</td>
<td>Johnny's</td>
<td>American slicer</td>
<td>early</td>
<td>light</td>
<td>dark green</td>
<td>24</td>
<td>6</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>F1</td>
<td>Uniform, straight fruit</td>
</tr>
<tr>
<td>Green Slam</td>
<td>Territorial</td>
<td>American slicer</td>
<td>late</td>
<td>light</td>
<td>dark green</td>
<td>24</td>
<td>5.5</td>
<td>7</td>
<td>2</td>
<td>6</td>
<td>5</td>
<td>F1</td>
<td>Variable fruit; many curved</td>
</tr>
<tr>
<td>Greensleeves</td>
<td>Harris</td>
<td>American slicer</td>
<td>medium</td>
<td>light</td>
<td>dark green</td>
<td>21</td>
<td>5.5</td>
<td>7</td>
<td>2</td>
<td>6</td>
<td>6</td>
<td>F1</td>
<td>Some curved fruit</td>
</tr>
<tr>
<td>Intimidator</td>
<td>Seminis</td>
<td>American slicer</td>
<td>early</td>
<td>light</td>
<td>dark green</td>
<td>22.5</td>
<td>5.5</td>
<td>7</td>
<td>2</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Ribbed fruit; many curved; some scarring on fruit</td>
</tr>
<tr>
<td>Slice King</td>
<td>Sakata</td>
<td>American slicer</td>
<td>medium</td>
<td>light</td>
<td>dark green</td>
<td>24</td>
<td>5</td>
<td>7</td>
<td>2</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Tapers at stem end; tendency for hollow heart and pithiness; variable fruit shape with many curved</td>
</tr>
<tr>
<td>Slice More</td>
<td>Harris</td>
<td>American slicer</td>
<td>medium</td>
<td>light</td>
<td>dark green</td>
<td>23</td>
<td>5.5</td>
<td>8</td>
<td>4</td>
<td>8</td>
<td>8</td>
<td>F1</td>
<td>Straight and uniform</td>
</tr>
<tr>
<td>Stonewall</td>
<td>Harris</td>
<td>American slicer</td>
<td>medium</td>
<td>light</td>
<td>dark green</td>
<td>24</td>
<td>5.5</td>
<td>7</td>
<td>4</td>
<td>6</td>
<td>5</td>
<td>F1</td>
<td>Fruit mostly slightly curved</td>
</tr>
<tr>
<td>Sweet Success</td>
<td>Nichols</td>
<td>American slicer</td>
<td>medium</td>
<td>light</td>
<td>medium green</td>
<td>32</td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td>Low yield of large, curved fruit</td>
</tr>
<tr>
<td>SX2387 CW</td>
<td>Sunseeds</td>
<td>American slicer</td>
<td>late</td>
<td>light</td>
<td>dark green</td>
<td>23</td>
<td>5.5</td>
<td>6</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Some curved fruit</td>
</tr>
<tr>
<td>SX2389 CW</td>
<td>Sunseeds</td>
<td>American slicer</td>
<td>late</td>
<td>light</td>
<td>dark green</td>
<td>22</td>
<td>5.5</td>
<td>7</td>
<td>5</td>
<td>5</td>
<td>7</td>
<td>F1</td>
<td>Fruit uniform and fairly straight</td>
</tr>
<tr>
<td>Ultra Pak</td>
<td>Stokes</td>
<td>American slicer</td>
<td>medium</td>
<td>light</td>
<td>dark green</td>
<td>22</td>
<td>5.5</td>
<td>6</td>
<td>2</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Uniform, straight fruit</td>
</tr>
<tr>
<td>Orient Express</td>
<td>Territorial</td>
<td>Japanese slicer</td>
<td>early</td>
<td>light</td>
<td>medium green</td>
<td>33</td>
<td>6</td>
<td>8</td>
<td>6 ALS</td>
<td>5</td>
<td>2</td>
<td>F1</td>
<td>Fruit ribbed, tapered, curved</td>
</tr>
<tr>
<td>Sweet Slice</td>
<td>Seminis</td>
<td>Japanese slicer</td>
<td>medium</td>
<td>light</td>
<td>medium green</td>
<td>33</td>
<td>5.5</td>
<td>7</td>
<td>5</td>
<td>6</td>
<td>5</td>
<td>F1</td>
<td>Variable fruit shape and size; many curved</td>
</tr>
<tr>
<td>Sweeter Yet</td>
<td>Seminis</td>
<td>Japanese slicer</td>
<td>early</td>
<td>light</td>
<td>medium green</td>
<td>34</td>
<td>5</td>
<td>7</td>
<td>7 ALS</td>
<td>3</td>
<td>3</td>
<td>F1</td>
<td>Severely curved fruit</td>
</tr>
<tr>
<td>Amira</td>
<td>Nichols</td>
<td>Middle Eastern slicer</td>
<td>medium</td>
<td>light</td>
<td>light green</td>
<td>17</td>
<td>4.5</td>
<td>8</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Variable fruit shape; many misshapen</td>
</tr>
<tr>
<td>Sweet Zena</td>
<td>Sakata</td>
<td>Middle Eastern slicer</td>
<td>early</td>
<td>light</td>
<td>medium green</td>
<td>21</td>
<td>6</td>
<td>5</td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>F1</td>
<td></td>
</tr>
</tbody>
</table>

1 Direct seeded June 19, with 60" row spacing. Fruit measurements were not taken for the picklers.

2 American slicers have dark green, relatively thick, and typically bumpy skin; Middle Eastern slicers have smooth, bright green, tender skin that does not require peeling, and mild flavor; Japanese slicers are tender skinned, mild flavored, medium green, and typically very long; snake melons are a different species, *Cucumis melo*, and are long, bright green, spineless, curved.

3 Scores based on a 1–9 scale with 9 = best.

4 Scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot (ALS) and powdery mildew.

5 F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
### Cucumbers

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Typea</th>
<th>Maturity</th>
<th>Spine Color</th>
<th>Skin Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Vigor</th>
<th>Diseaseb</th>
<th>Yieldb</th>
<th>Overall Scoreb</th>
<th>Cultivar Typeb</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lemon</td>
<td>Territorial</td>
<td>novelty</td>
<td>late</td>
<td>dark</td>
<td>yellow green</td>
<td>4.5</td>
<td>3</td>
<td>9</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>OP</td>
<td>Long vines with few fruit</td>
</tr>
<tr>
<td>Yellow Submarine</td>
<td>Seminis</td>
<td>large pickler</td>
<td>late</td>
<td>light</td>
<td>very light green</td>
<td>7</td>
<td>7</td>
<td>ALS</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>OP</td>
<td>Rough, uneven, curved fruit; light yield</td>
</tr>
<tr>
<td>Alibi</td>
<td>Johnny's</td>
<td>pickler</td>
<td>medium</td>
<td>dark</td>
<td>medium green</td>
<td>9</td>
<td>2</td>
<td>ALS</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Relatively low yield for plant size</td>
</tr>
<tr>
<td>Clinton</td>
<td>Territorial</td>
<td>picker</td>
<td>late</td>
<td>dark</td>
<td>medium green</td>
<td>8</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>OP</td>
<td>Longer and less blocky than most picklers</td>
</tr>
<tr>
<td>County Fair</td>
<td>Nichols</td>
<td>picker</td>
<td>early</td>
<td>dark</td>
<td>medium green</td>
<td>8</td>
<td>3</td>
<td>7</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>F1</td>
<td>Larger and lighter green than Clinton</td>
</tr>
<tr>
<td>Duke</td>
<td>Territorial</td>
<td>picker</td>
<td>medium</td>
<td>light</td>
<td>medium green</td>
<td>7</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>F1</td>
<td>Uniform, straight fruit</td>
</tr>
<tr>
<td>Jackson Supreme</td>
<td>Sunseeds</td>
<td>picker</td>
<td>early</td>
<td>dark</td>
<td>medium green</td>
<td>4</td>
<td>6</td>
<td>ALS</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>SMR 58</td>
<td>Territorial</td>
<td>picker</td>
<td>early</td>
<td>dark</td>
<td>medium green</td>
<td>7</td>
<td>5</td>
<td>ALS</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>OP</td>
<td></td>
</tr>
<tr>
<td>SXQ2391 Supreme</td>
<td>Sunseeds</td>
<td>picker</td>
<td>medium</td>
<td>dark</td>
<td>dark green</td>
<td>6</td>
<td>2</td>
<td>ALS</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Zapata</td>
<td>Sunseeds</td>
<td>picker</td>
<td>early</td>
<td>dark</td>
<td>medium green</td>
<td>7</td>
<td>3</td>
<td>ALS</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Small, tapered, smooth fruit with numerous small spines</td>
</tr>
<tr>
<td>Crispina</td>
<td>Sunseeds</td>
<td>European pickler</td>
<td>early</td>
<td>dark</td>
<td>medium green</td>
<td>8</td>
<td>3</td>
<td>ALS</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Smooth, light-colored fruit with many small spines</td>
</tr>
<tr>
<td>Ringo</td>
<td>Sunseeds</td>
<td>European pickler</td>
<td>early</td>
<td>dark</td>
<td>medium green</td>
<td>6</td>
<td>5</td>
<td>ALS</td>
<td>8</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Armenian</td>
<td>Territorial</td>
<td>snake</td>
<td>late</td>
<td>light green</td>
<td>light green</td>
<td>36</td>
<td>3</td>
<td>9</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>OP</td>
<td>Long, curved, ribbed fruit; mild and crisp; spineless</td>
</tr>
</tbody>
</table>

---

1. Direct seeded June 19, with 60" row spacing. Fruit measurements were not taken for the picklers.

2. American slicers have dark green, relatively thick, and typically bumpy skin; Middle Eastern slicers have smooth, bright green, tender skin that does not require peeling, and mild flavor; Japanese slicers are tender skinned, mild flavored, medium green, and typically very long; snake melons are a different species, *Cucumis melo*, and are long, bright green, spineless, curved.

3. Scores based on a 1–9 scale with 9 = best.

4. Scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot (ALS) and powdery mildew.

5. F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
## Eggplants

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Fruit Color</th>
<th>Maturity</th>
<th>Fruit Shape</th>
<th>Calyx Color&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Yield&lt;sup&gt;3&lt;/sup&gt;</th>
<th>Disease Severity&lt;sup&gt;4&lt;/sup&gt;</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Overall Score&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Cultivar Type&lt;sup&gt;5&lt;/sup&gt;</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aragon</td>
<td>Hazera</td>
<td>dark purple</td>
<td>medium early</td>
<td>pear</td>
<td>green</td>
<td>21.5</td>
<td>9</td>
<td>5</td>
<td>3</td>
<td>57</td>
<td>60</td>
<td>6</td>
<td>F1</td>
<td>Traditional eggplant shape, size, and color; relatively spine-free</td>
</tr>
<tr>
<td>Bambino</td>
<td>Seminis</td>
<td>dark purple</td>
<td>medium early</td>
<td>oval</td>
<td>purple</td>
<td>4.5</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>47</td>
<td>65</td>
<td>5</td>
<td>F1</td>
<td>Spineless</td>
</tr>
<tr>
<td>Black Beauty</td>
<td>Daehnfeldt</td>
<td>dark purple</td>
<td>early</td>
<td>oval</td>
<td>green</td>
<td>14</td>
<td>8.5</td>
<td>3</td>
<td>3</td>
<td>73</td>
<td>83</td>
<td>3</td>
<td>F1</td>
<td>Very spiny; fruit slightly ribbed; interior not solid</td>
</tr>
<tr>
<td>Black Shine</td>
<td>Takii</td>
<td>dark purple</td>
<td>very early</td>
<td>very long pear</td>
<td>purple</td>
<td>24</td>
<td>5</td>
<td>8</td>
<td>6</td>
<td>74</td>
<td>88</td>
<td>6</td>
<td>F1</td>
<td>Japanese long type; spineless</td>
</tr>
<tr>
<td>Calliope</td>
<td>Johnny’s</td>
<td>cream with</td>
<td>medium early</td>
<td>oval</td>
<td>green</td>
<td>11</td>
<td>7.5</td>
<td>7</td>
<td>1</td>
<td>64</td>
<td>83</td>
<td>7</td>
<td>F1</td>
<td>Spineless</td>
</tr>
<tr>
<td>Classic</td>
<td>Harris Moran</td>
<td>dark purple</td>
<td>early</td>
<td>elongated pear</td>
<td>green</td>
<td>21</td>
<td>7.5</td>
<td>5</td>
<td>1</td>
<td>64</td>
<td>77</td>
<td>5</td>
<td>F1</td>
<td>Spiny</td>
</tr>
<tr>
<td>Cloud Nine</td>
<td>Nichols</td>
<td>cream</td>
<td>medium</td>
<td>oblong</td>
<td>green</td>
<td>17.5</td>
<td>7.5</td>
<td>6</td>
<td>1</td>
<td>89</td>
<td>78</td>
<td>5</td>
<td>F1</td>
<td>Spiny</td>
</tr>
<tr>
<td>Dusky</td>
<td>Seminis</td>
<td>dark purple</td>
<td>medium early</td>
<td>pear</td>
<td>green</td>
<td>21</td>
<td>7.5</td>
<td>6</td>
<td>4</td>
<td>69</td>
<td>84</td>
<td>5</td>
<td>F1</td>
<td>Classic eggplant shape; spiny</td>
</tr>
<tr>
<td>Farmer’s Long</td>
<td>Known-You</td>
<td>light purple</td>
<td>medium</td>
<td>very long oblong</td>
<td>purple</td>
<td>31.5</td>
<td>3</td>
<td>7</td>
<td>6</td>
<td>78</td>
<td>31</td>
<td>6</td>
<td>F1</td>
<td>Japanese long type; nice, cream interior; spineless</td>
</tr>
<tr>
<td>Italian Black Bell</td>
<td>Johnny’s</td>
<td>purple</td>
<td>medium</td>
<td>pear</td>
<td>green</td>
<td>17.5</td>
<td>10</td>
<td>5</td>
<td>6</td>
<td>75</td>
<td>78</td>
<td>4</td>
<td>F1</td>
<td>Relatively spine-free</td>
</tr>
<tr>
<td>Kermit</td>
<td>Johnny’s</td>
<td>green &amp; white striped</td>
<td>medium early</td>
<td>round</td>
<td>green</td>
<td>5</td>
<td>5.8</td>
<td>3</td>
<td>7</td>
<td>85</td>
<td>90</td>
<td>3</td>
<td>F1</td>
<td>Novelty value with small, attractive fruit</td>
</tr>
<tr>
<td>Lavender Touch</td>
<td>Harris</td>
<td>cream with lavender blush</td>
<td>medium</td>
<td>cylindrical</td>
<td>green</td>
<td>17.8</td>
<td>6.5</td>
<td>7</td>
<td>4</td>
<td>72</td>
<td>80</td>
<td>6</td>
<td>F1</td>
<td>Loses purple blush as ripens; nice, creamy flesh</td>
</tr>
<tr>
<td>Little Fingers</td>
<td>Harris Moran</td>
<td>dark purple</td>
<td>medium</td>
<td>elongated pear</td>
<td>green</td>
<td>19</td>
<td>4</td>
<td>6</td>
<td>8</td>
<td>62</td>
<td>90</td>
<td>3</td>
<td>PL</td>
<td>Spineless</td>
</tr>
</tbody>
</table>

<sup>1</sup> Transplants set out June 2.

<sup>2</sup> The calyx is the set of sepals (remnants of the flower) on the stem end of the fruit.

<sup>3</sup> Scores based on 1–9 scale with 9 = best.

<sup>4</sup> Apparent Verticillium symptoms based on 1–9 scale with 9 = severe.

<sup>5</sup> F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.
### Eggplants

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Fruit Color</th>
<th>Maturity</th>
<th>Fruit Shape</th>
<th>Calyx Color</th>
<th>Fruit Length</th>
<th>Fruit Width</th>
<th>Yield</th>
<th>Disease Severity</th>
<th>Plant Height</th>
<th>Plant Width</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Megal Osborne</td>
<td>Osborne</td>
<td>dark purple</td>
<td>medium</td>
<td>elongated pear</td>
<td>green</td>
<td>21</td>
<td>5.5</td>
<td>7</td>
<td>4</td>
<td>75</td>
<td>66</td>
<td>7</td>
<td>F1</td>
<td>Some spines</td>
</tr>
<tr>
<td>Millionaire</td>
<td>Takii</td>
<td>dark purple</td>
<td>medium early</td>
<td>elongated pear</td>
<td>purple</td>
<td>22</td>
<td>5.5</td>
<td>7</td>
<td>4</td>
<td>75</td>
<td>67</td>
<td>6</td>
<td>F1</td>
<td>Spineless; nice flesh color; purple stems</td>
</tr>
<tr>
<td>Orient Express</td>
<td>Johnny’s</td>
<td>purple</td>
<td>very early</td>
<td>very long pear</td>
<td>purple</td>
<td>26</td>
<td>4</td>
<td>8</td>
<td>1</td>
<td>84</td>
<td>82</td>
<td>8</td>
<td>F1</td>
<td>Japanese long type; spineless; purple stems</td>
</tr>
<tr>
<td>Short Tom Territorial</td>
<td>dark purple</td>
<td>very early</td>
<td>pear</td>
<td>purple</td>
<td>17.5</td>
<td>6.5</td>
<td>7</td>
<td>7</td>
<td>69</td>
<td>54</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Spineless</td>
</tr>
<tr>
<td>Sonata</td>
<td>Harris Moran</td>
<td>dark purple</td>
<td>medium</td>
<td>pear</td>
<td>green</td>
<td>17</td>
<td>7.5</td>
<td>6</td>
<td>4</td>
<td>70</td>
<td>76</td>
<td>6</td>
<td>F1</td>
<td>Some spines</td>
</tr>
<tr>
<td>Turkish Orange</td>
<td>Seeds of Change</td>
<td>orange</td>
<td>very early</td>
<td>round</td>
<td>green</td>
<td>4.8</td>
<td>6</td>
<td>7</td>
<td>5</td>
<td>38</td>
<td>55</td>
<td>5</td>
<td>PL</td>
<td>Spineless; harvest green; novelty type</td>
</tr>
</tbody>
</table>

1Transplants set out June 2.
2The calyx is the set of sepals (remnants of the flower) on the stem end of the fruit.
3Scores based on 1–9 scale with 9 = best.
4Apparent Verticillium symptoms based on 1–9 scale with 9 = severe.
5F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Rind Color</th>
<th>Flesh Color</th>
<th>Netting</th>
<th>Disease</th>
<th>Yield</th>
<th>Cavity Length (cm)</th>
<th>Cavity Width (cm)</th>
<th>Flavor</th>
<th>Brix</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allstar</td>
<td>Harris Moran</td>
<td>California shipper</td>
<td>very late</td>
<td>13.5</td>
<td>13</td>
<td>tan</td>
<td>orange</td>
<td>moderate</td>
<td>7</td>
<td>5</td>
<td>8.5</td>
<td>5.5</td>
<td>7</td>
<td>11.0</td>
<td>4</td>
<td>F1</td>
<td>Solid cavity; good, mild flavor</td>
</tr>
<tr>
<td>Ambrosia</td>
<td>Seminis</td>
<td>California shipper</td>
<td>medium late</td>
<td>14</td>
<td>15</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>3</td>
<td>7</td>
<td>9</td>
<td>6</td>
<td>7</td>
<td>12.4</td>
<td>5</td>
<td>F1</td>
<td>Good, sweet flavor; juicy; stem end rots as fruit matures</td>
</tr>
<tr>
<td>Anaconda</td>
<td>D. Palmer</td>
<td>California shipper</td>
<td>medium late</td>
<td>13</td>
<td>14.5</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>6</td>
<td>6</td>
<td>8</td>
<td>6.5</td>
<td>5</td>
<td>12.2</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Archer</td>
<td>Harris Moran</td>
<td>California shipper</td>
<td>late</td>
<td>16</td>
<td>15</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>6</td>
<td>7</td>
<td>10</td>
<td>6.5</td>
<td>6</td>
<td>13.8</td>
<td>3</td>
<td>F1</td>
<td>Fruit rots as it ripens</td>
</tr>
<tr>
<td>Carson</td>
<td>Sunseeds</td>
<td>California shipper</td>
<td>medium late</td>
<td>18</td>
<td>15</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
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<td>6</td>
<td>11</td>
<td>7</td>
<td>5</td>
<td>13.2</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Cobra</td>
<td>D. Palmer</td>
<td>California shipper</td>
<td>medium late</td>
<td>17</td>
<td>14</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>7</td>
<td>5</td>
<td>10.5</td>
<td>6.5</td>
<td>3</td>
<td>10.4</td>
<td>3</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Esteem</td>
<td>Syngenta</td>
<td>California shipper</td>
<td>medium late</td>
<td>18</td>
<td>15</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>5</td>
<td>6</td>
<td>11</td>
<td>7</td>
<td>5</td>
<td>13.2</td>
<td>5</td>
<td>F1</td>
<td>Mild, sweet flavor</td>
</tr>
<tr>
<td>Harper Hybrid</td>
<td>Harris</td>
<td>California shipper</td>
<td>medium</td>
<td>13.5</td>
<td>13</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>3</td>
<td>6</td>
<td>8</td>
<td>6</td>
<td>6</td>
<td>12.2</td>
<td>5</td>
<td>F1</td>
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<td>Joaquin Gold</td>
<td>Syngenta</td>
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<td>14.5</td>
<td>tan</td>
<td>deep orange</td>
<td>heavy</td>
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<td>6</td>
<td>9</td>
<td>5</td>
<td>8</td>
<td>10.8</td>
<td>5</td>
<td>F1</td>
<td>Fruity flavor</td>
</tr>
<tr>
<td>Mission</td>
<td>Seminis</td>
<td>California shipper</td>
<td>late</td>
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<td>12.5</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>4</td>
<td>7</td>
<td>8</td>
<td>6.5</td>
<td>5</td>
<td>14.2</td>
<td>5</td>
<td>F1</td>
<td>Firm flesh</td>
</tr>
<tr>
<td>Motagua</td>
<td>Syngenta</td>
<td>California shipper</td>
<td>medium</td>
<td>18</td>
<td>16.5</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>2</td>
<td>8</td>
<td>12</td>
<td>8</td>
<td>7</td>
<td>14.6</td>
<td>8</td>
<td>F1</td>
<td>Crisp flesh with fair flavor</td>
</tr>
<tr>
<td>Rocket</td>
<td>Harris</td>
<td>California shipper</td>
<td>medium late</td>
<td>17</td>
<td>15.5</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>7</td>
<td>5</td>
<td>10.5</td>
<td>7</td>
<td>7</td>
<td>12.4</td>
<td>4</td>
<td>F1</td>
<td>Firm flesh</td>
</tr>
<tr>
<td>Saticoy</td>
<td>Nichols</td>
<td>California shipper</td>
<td>medium</td>
<td>17.5</td>
<td>14.5</td>
<td>tan</td>
<td>deep orange</td>
<td>moderate</td>
<td>5</td>
<td>7</td>
<td>11</td>
<td>4.5</td>
<td>8</td>
<td>13.6</td>
<td>7</td>
<td>F1</td>
<td>Soft-textured flesh; flavorful and sweet</td>
</tr>
<tr>
<td>Sidewinder</td>
<td>D. Palmer</td>
<td>California shipper</td>
<td>medium late</td>
<td>18</td>
<td>16</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>7</td>
<td>7</td>
<td>11</td>
<td>7.5</td>
<td>6</td>
<td>9.6</td>
<td>3</td>
<td>F1</td>
<td>Soft-textured flesh; very mild flavor; some fusarium wilt</td>
</tr>
<tr>
<td>Viper</td>
<td>D. Palmer</td>
<td>California shipper</td>
<td>late</td>
<td>16</td>
<td>15.5</td>
<td>tan</td>
<td>orange</td>
<td>heavy</td>
<td>6</td>
<td>7</td>
<td>9.5</td>
<td>5.5</td>
<td>5</td>
<td>14.0</td>
<td>4</td>
<td>F1</td>
<td>Bland flavor</td>
</tr>
<tr>
<td>Voyager I</td>
<td>Sunseeds</td>
<td>California shipper</td>
<td>late</td>
<td>16</td>
<td>16</td>
<td>tan</td>
<td>pale orange</td>
<td>heavy</td>
<td>6</td>
<td>8</td>
<td>12</td>
<td>8</td>
<td>6</td>
<td>15.6</td>
<td>5</td>
<td>F1</td>
<td>Compact vine; some rotten fruit at center of plant</td>
</tr>
</tbody>
</table>

1Direct seeded June 4 with 60° row spacing.
2California shipping types have round, thick-walled fruit that are heavily netted but lack ribbing. Eastern cantaloupes are ribbed, usually larger and thinner-walled than California shippers, and generally are very sweet with a strong “musky” flavor. Honeydews and canary melons are typically white- or yellow-skinned, without ribbing, do not “slip” the vine when ripe, and have a crisper texture than cantaloupes. Galia types are of Middle Eastern origin, are typically round with moderate to heavy netting and lime green flesh. Charantais melons usually are small with blue-green rind with slight ribbing and orange flesh, do not “slip” the vine when ripe, and have sweet, aromatic flesh.
3Netting refers to the “crosshatch” appearance of the rind, with moderate to heavy netting preferred for shipping melons to prevent damage.
4Disease scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot, powdery mildew, and fusarium wilt.
5Scores based on a 1–9 scale with 9 = best.
6Brix = percent soluble solids (a measure of sweetness; higher numbers indicate sweeter fruit).
7F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Rind Color</th>
<th>Flesh Color</th>
<th>Netting</th>
<th>Disease</th>
<th>Yield</th>
<th>Cavity Length (cm)</th>
<th>Cavity Width (cm)</th>
<th>Flavor</th>
<th>Brix</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amy</td>
<td>Known-You</td>
<td>Canary</td>
<td>medium late</td>
<td>17</td>
<td>14.5</td>
<td>golden yellow</td>
<td>creamy green</td>
<td>none</td>
<td>6</td>
<td>6</td>
<td>10.5</td>
<td>6</td>
<td>5</td>
<td>12.8</td>
<td>5</td>
<td>F1</td>
<td>F1 Concentrated maturity; some fusarium wilt</td>
</tr>
<tr>
<td>Golden Beauty</td>
<td>Johnny’s 229</td>
<td>Canary</td>
<td>medium late</td>
<td>24</td>
<td>16</td>
<td>yellow</td>
<td>light green</td>
<td>none</td>
<td>4</td>
<td>7</td>
<td>15</td>
<td>7</td>
<td>7</td>
<td>11.2</td>
<td>7</td>
<td>F1</td>
<td>Fairly crisp flesh; very mild flavor</td>
</tr>
<tr>
<td>Jaune des Canaries</td>
<td>Harris Moran</td>
<td>Canary</td>
<td>late</td>
<td>19</td>
<td>15</td>
<td>golden yellow</td>
<td>green</td>
<td>none</td>
<td>4</td>
<td>5</td>
<td>11</td>
<td>5.5</td>
<td>7</td>
<td>14.0</td>
<td>4</td>
<td>F1</td>
<td>Honeydew flavor, mild and sweet</td>
</tr>
<tr>
<td>Sugar Nut</td>
<td>Johnny’s</td>
<td>Canary</td>
<td>medium late</td>
<td>16</td>
<td>14</td>
<td>golden yellow</td>
<td>light green</td>
<td>slight</td>
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<td>8</td>
<td>8.5</td>
<td>6</td>
<td>7</td>
<td>14.2</td>
<td>8</td>
<td>F1</td>
<td>Attractive fruit with honeydew flavor and firm flesh</td>
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<tr>
<td>Sunex 7056</td>
<td>Sunseeds</td>
<td>Canary</td>
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<td>light green</td>
<td>none</td>
<td>2</td>
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<td>10</td>
<td>7.5</td>
<td>7</td>
<td>14.6</td>
<td>5</td>
<td>F1</td>
<td>Very vigorous; mild honeydew flavor; some fruit cracking</td>
</tr>
<tr>
<td>Alienor</td>
<td>Territorial</td>
<td>Charantais</td>
<td>medium</td>
<td>13.5</td>
<td>13.5</td>
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<td>deep salmon</td>
<td>light</td>
<td>3</td>
<td>5</td>
<td>8.5</td>
<td>6</td>
<td>5</td>
<td>14.2</td>
<td>3</td>
<td>F1</td>
<td>Very crisp flesh; fruit cracks as it ripens</td>
</tr>
<tr>
<td>Charentais Seeds of Change</td>
<td>Charantais</td>
<td>Charantais</td>
<td>late</td>
<td>10</td>
<td>12</td>
<td>blue-green</td>
<td>orange</td>
<td>none</td>
<td>6</td>
<td>5</td>
<td>5.5</td>
<td>4.5</td>
<td>7</td>
<td>11.8</td>
<td>5</td>
<td>OP</td>
<td>Fruit cracks and rots as it ripens</td>
</tr>
<tr>
<td>Savor</td>
<td>Johnny’s</td>
<td>Charantais</td>
<td>medium</td>
<td>11</td>
<td>11</td>
<td>blue-green</td>
<td>orange</td>
<td>none</td>
<td>4</td>
<td>3</td>
<td>5.5</td>
<td>4.5</td>
<td>5</td>
<td>13.6</td>
<td>3</td>
<td>F1</td>
<td>Strong flavor; cracks badly</td>
</tr>
<tr>
<td>French Orange</td>
<td>Nichols</td>
<td>Charantais/cantaloupe cross</td>
<td>medium</td>
<td>12</td>
<td>12.5</td>
<td>tan</td>
<td>salmon</td>
<td>moderate</td>
<td>4</td>
<td>6</td>
<td>7</td>
<td>5.5</td>
<td>6</td>
<td>11.6</td>
<td>5</td>
<td>F1</td>
<td>Very aromatic; strong flavor</td>
</tr>
<tr>
<td>Earliqueen</td>
<td>Johnny’s</td>
<td>Eastern cantaloupe</td>
<td>early</td>
<td>16</td>
<td>15</td>
<td>tan</td>
<td>orange</td>
<td>moderate</td>
<td>5</td>
<td>8</td>
<td>10</td>
<td>7</td>
<td>8</td>
<td>10.4</td>
<td>7</td>
<td>OP</td>
<td></td>
</tr>
<tr>
<td>Gold Star</td>
<td>Harris</td>
<td>Eastern cantaloupe</td>
<td>medium</td>
<td>17</td>
<td>15</td>
<td>tan</td>
<td>salmon</td>
<td>moderate</td>
<td>4</td>
<td>6</td>
<td>10</td>
<td>7</td>
<td>8</td>
<td>12.6</td>
<td>7</td>
<td>F1</td>
<td>Soft flesh; excellent flavor</td>
</tr>
<tr>
<td>Starship</td>
<td>Harris Moran</td>
<td>Eastern cantaloupe</td>
<td>medium</td>
<td>17</td>
<td>15.5</td>
<td>tan</td>
<td>orange</td>
<td>light</td>
<td>2</td>
<td>7</td>
<td>10</td>
<td>7</td>
<td>8</td>
<td>12.8</td>
<td>7</td>
<td>F1</td>
<td>Slightly ribbed fruit; very mild flavor</td>
</tr>
<tr>
<td>Superstar</td>
<td>Harris Moran</td>
<td>Eastern cantaloupe</td>
<td>medium</td>
<td>19.5</td>
<td>18</td>
<td>tan</td>
<td>salmon</td>
<td>moderate</td>
<td>1</td>
<td>7</td>
<td>12</td>
<td>8.5</td>
<td>8</td>
<td>12.6</td>
<td>8</td>
<td>F1</td>
<td>Excellent flavor</td>
</tr>
</tbody>
</table>

1Direct seeded June 4 with 60" row spacing.
2California shipping types have round, thick-walled fruit that are heavily netted but lack ribbing. Eastern cantaloupes are ribbed, usually larger and thinner-walled than California shippers, and generally are very sweet with a strong “musky” flavor. Honeydews and canary melons are typically white- or yellow-skinned, without ribbing, do not “slip” the vine when ripe, and have a crisper texture than cantaloupes. Galia types are of Middle Eastern origin, are typically round with moderate to heavy netting and lime green flesh. Charantais melons usually are small with blue-green rind with slight ribbing and orange flesh, do not “slip” the vine when ripe, and have sweet, aromatic flesh.
3Netting refers to the “crosshatch” appearance of the rind, with moderate to heavy netting preferred for shipping melons to prevent damage.
4Disease scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot, powdery mildew, and fusarium wilt.
5Scores based on a 1–9 scale with 9 = best.
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7F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Rind Color</th>
<th>Flesh Color</th>
<th>Netting</th>
<th>Disease</th>
<th>Yield</th>
<th>Cavity Length (cm)</th>
<th>Cavity Width (cm)</th>
<th>Flavor</th>
<th>Brix</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zenith</td>
<td>Sunseeds</td>
<td>Eastern cantaloupe</td>
<td>medium late</td>
<td>17.5</td>
<td>15</td>
<td>tan</td>
<td>salmon</td>
<td>moderate</td>
<td>2</td>
<td>5</td>
<td>10</td>
<td>5.5</td>
<td>8</td>
<td>10.4</td>
<td>7</td>
<td>F1</td>
<td>Very solid cavity and attractive, firm flesh</td>
</tr>
<tr>
<td>6004</td>
<td>Hazera</td>
<td>Galia</td>
<td>medium early</td>
<td>15.5</td>
<td>16</td>
<td>yellow-green</td>
<td>green</td>
<td>moderate</td>
<td>5</td>
<td>6</td>
<td>9</td>
<td>5.5</td>
<td>5</td>
<td>13.8</td>
<td>4</td>
<td>F1</td>
<td>Firm flesh; fruit rots as it ripens</td>
</tr>
<tr>
<td>AM-02-03</td>
<td>D. Palmer</td>
<td>Galia</td>
<td>medium late</td>
<td>20</td>
<td>18</td>
<td>greenish-tan</td>
<td>cream</td>
<td>moderate</td>
<td>3</td>
<td>7</td>
<td>12.5</td>
<td>10</td>
<td>6</td>
<td>13.4</td>
<td>7</td>
<td>F1</td>
<td>Vigorous vine; large fruit; sweet</td>
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<tr>
<td>AM-02-04</td>
<td>D. Palmer</td>
<td>Galia</td>
<td>early</td>
<td>19</td>
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<td>golden orange</td>
<td>cream</td>
<td>moderate</td>
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<td>6</td>
<td>12</td>
<td>8</td>
<td>7</td>
<td>10.0</td>
<td>8</td>
<td>F1</td>
<td>Concentrated yield; good flavor; good texture</td>
</tr>
<tr>
<td>Arava</td>
<td>Hazera</td>
<td>Galia</td>
<td>medium late</td>
<td>15.5</td>
<td>15.5</td>
<td>yellow-green</td>
<td>green</td>
<td>moderate</td>
<td>2</td>
<td>8</td>
<td>8.5</td>
<td>7</td>
<td>7</td>
<td>11.4</td>
<td>7</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Elario</td>
<td>Hazera</td>
<td>Galia</td>
<td>medium</td>
<td>14.5</td>
<td>16</td>
<td>yellow-green</td>
<td>creamy green</td>
<td>moderate</td>
<td>5</td>
<td>6</td>
<td>7.5</td>
<td>6.5</td>
<td>5</td>
<td>10.0</td>
<td>3</td>
<td>F1</td>
<td>Good honeydew flavor; green streaks in flesh; fruit rots as it ripens</td>
</tr>
<tr>
<td>Galapago 47</td>
<td>Hazera</td>
<td>Galia</td>
<td>medium</td>
<td>13</td>
<td>14</td>
<td>yellow-green</td>
<td>green</td>
<td>moderate</td>
<td>4</td>
<td>6</td>
<td>7.5</td>
<td>5.5</td>
<td>3</td>
<td>10.0</td>
<td>3</td>
<td>F1</td>
<td>Very compact plant; very crisp flesh; fruit rots as it ripens</td>
</tr>
<tr>
<td>Gallicum</td>
<td>Nichols</td>
<td>Galia</td>
<td>medium early</td>
<td>16.5</td>
<td>16</td>
<td>yellow-green</td>
<td>green</td>
<td>moderate</td>
<td>3</td>
<td>6</td>
<td>10</td>
<td>6</td>
<td>5</td>
<td>10.2</td>
<td>3</td>
<td>F1</td>
<td>Very firm flesh; solid cavity</td>
</tr>
<tr>
<td>GM-02-05</td>
<td>D. Palmer</td>
<td>Galia</td>
<td>medium</td>
<td>14</td>
<td>14</td>
<td>yellow-green</td>
<td>green</td>
<td>moderate</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>6</td>
<td>7</td>
<td>10.2</td>
<td>6</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>GM-02-06</td>
<td>D. Palmer</td>
<td>Galia</td>
<td>medium late</td>
<td>14.5</td>
<td>16</td>
<td>orange-tan</td>
<td>orange</td>
<td>moderate</td>
<td>2</td>
<td>7</td>
<td>7.5</td>
<td>5</td>
<td>6</td>
<td>13.2</td>
<td>6</td>
<td>F1</td>
<td>Soft flesh; fruit cracking</td>
</tr>
<tr>
<td>Makdimon</td>
<td>Hazera</td>
<td>Galia</td>
<td>medium late</td>
<td>13</td>
<td>15</td>
<td>yellow-green</td>
<td>green</td>
<td>moderate</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>6</td>
<td>5</td>
<td>10.6</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Earlidew</td>
<td>Nichols</td>
<td>Honeydew</td>
<td>medium early</td>
<td>15</td>
<td>15</td>
<td>light green</td>
<td>light green</td>
<td>none</td>
<td>6</td>
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<td>8</td>
<td>7</td>
<td>4</td>
<td>12.4</td>
<td>3</td>
<td>F1</td>
<td></td>
</tr>
</tbody>
</table>

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## Melons

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Rind Color</th>
<th>Flesh Color</th>
<th>Netting¹</th>
<th>Disease²</th>
<th>Yield¹</th>
<th>Cavity Length (cm)</th>
<th>Cavity Width (cm)</th>
<th>Flavor³</th>
<th>Brix⁴</th>
<th>Overall Score⁵</th>
<th>Cultivar Type⁶</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Flash</td>
<td>D. Palmer</td>
<td>Honeydew</td>
<td>late</td>
<td>19.5</td>
<td>17</td>
<td>green</td>
<td>green</td>
<td>none</td>
<td>3</td>
<td>7</td>
<td>11</td>
<td>8</td>
<td>5</td>
<td>11.2</td>
<td>5</td>
<td>F1</td>
<td>Vigorous vine; grainy texture</td>
</tr>
<tr>
<td>Honey Brew</td>
<td>Sakata</td>
<td>Honeydew</td>
<td>medium late</td>
<td>22.5</td>
<td>17.5</td>
<td>light green</td>
<td>green</td>
<td>none</td>
<td>2</td>
<td>8</td>
<td>14.5</td>
<td>8</td>
<td>8</td>
<td>14.0</td>
<td>8</td>
<td>F1</td>
<td>Vigorous plant; crisp flesh; mild flavor</td>
</tr>
<tr>
<td>Honey I Dew</td>
<td>Nichols</td>
<td>Honeydew</td>
<td>medium late</td>
<td>20.5</td>
<td>14.5</td>
<td>yellow-gold</td>
<td>creamy green</td>
<td>none</td>
<td>6</td>
<td>7</td>
<td>12.5</td>
<td>5.5</td>
<td>6</td>
<td>12.0</td>
<td>5</td>
<td>F1</td>
<td>Concentrated yield; very mild flavor</td>
</tr>
<tr>
<td>Honey Orange</td>
<td>Johnny's</td>
<td>Honeydew</td>
<td>medium late</td>
<td>18</td>
<td>17</td>
<td>light-gray-green</td>
<td>pale orange</td>
<td>none</td>
<td>4</td>
<td>7</td>
<td>11</td>
<td>8</td>
<td>7</td>
<td>13.8</td>
<td>7</td>
<td>F1</td>
<td>Crisp flesh with good flavor; fruit cracks</td>
</tr>
<tr>
<td>Mega Brew</td>
<td>Sakata</td>
<td>Honeydew</td>
<td>medium late</td>
<td>21</td>
<td>20</td>
<td>light green</td>
<td>green</td>
<td>none</td>
<td>4</td>
<td>7</td>
<td>12</td>
<td>9</td>
<td>5</td>
<td>12.6</td>
<td>5</td>
<td>F1</td>
<td>Some fruit cracking; very bland flavor</td>
</tr>
<tr>
<td>Morning Ice</td>
<td>Harris Moran</td>
<td>Honeydew</td>
<td>medium</td>
<td>21</td>
<td>18.5</td>
<td>light green</td>
<td>light</td>
<td>none</td>
<td>2</td>
<td>5</td>
<td>13</td>
<td>9</td>
<td>7</td>
<td>13.4</td>
<td>5</td>
<td>F1</td>
<td>Mild, sweet flavor</td>
</tr>
<tr>
<td>Serenade</td>
<td>Johnny's</td>
<td>Honeydew</td>
<td>medium late</td>
<td>12.5</td>
<td>13</td>
<td>light green</td>
<td>salmon</td>
<td>slight</td>
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<td>6</td>
<td>7</td>
<td>5.5</td>
<td>7</td>
<td>12.0</td>
<td>6</td>
<td>F1</td>
<td>Very vigorous vine with many small fruit; very firm flesh; powdery mildew</td>
</tr>
<tr>
<td>Piel de Sapo</td>
<td>Sunseeds</td>
<td>Specialty</td>
<td>late</td>
<td>22.5</td>
<td>15</td>
<td>green</td>
<td>cream</td>
<td>none</td>
<td>2</td>
<td>3</td>
<td>14</td>
<td>5.5</td>
<td>6</td>
<td>12.4</td>
<td>6</td>
<td>F1</td>
<td>Vigorous vine but low yield; honeydew flavor</td>
</tr>
<tr>
<td>Sun Jewel</td>
<td>Johnny's</td>
<td>Specialty</td>
<td>early</td>
<td>21</td>
<td>11</td>
<td>golden yellow</td>
<td>white</td>
<td>moderate</td>
<td>5</td>
<td>7</td>
<td>15</td>
<td>6</td>
<td>3</td>
<td>12.8</td>
<td>4</td>
<td>F1</td>
<td>Pickle shape with white-ribbed rind</td>
</tr>
</tbody>
</table>

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⁵Scores based on a 1–9 scale with 9 = best.
⁶Brix = percent soluble solids (a measure of sweetness; higher numbers indicate sweeter fruit).
⁷F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Maturity</th>
<th>Color</th>
<th>Length (cm)</th>
<th>Width (cm)</th>
<th>Shape</th>
<th>Neck</th>
<th>Storage</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candy</td>
<td>Nichols</td>
<td>early</td>
<td>yellow</td>
<td>7</td>
<td>8</td>
<td>slightly oblate</td>
<td>8</td>
<td>6</td>
<td>8</td>
<td>F1</td>
<td>Very uniform with small necks and good size</td>
</tr>
<tr>
<td>Cipollini</td>
<td>Nichols</td>
<td>medium early</td>
<td>yellow</td>
<td>3.5</td>
<td>8</td>
<td>flat</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>OP</td>
<td>Appealing, unusual, irregular shape</td>
</tr>
<tr>
<td>Condor</td>
<td>Takii</td>
<td>medium early</td>
<td>yellow</td>
<td>8</td>
<td>8</td>
<td>globe</td>
<td>8</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Uniform; just starting to soften in storage</td>
</tr>
<tr>
<td>Frontier</td>
<td>Takii</td>
<td>medium</td>
<td>yellow</td>
<td>7</td>
<td>7</td>
<td>globe</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Uniform; good storage ability</td>
</tr>
<tr>
<td>Kodiak</td>
<td>D. Palmer</td>
<td>medium</td>
<td>yellow</td>
<td>8.5</td>
<td>8</td>
<td>variable</td>
<td>8</td>
<td>8</td>
<td>6</td>
<td>F1</td>
<td>Variable size and shape; too many small onions</td>
</tr>
<tr>
<td>Mars</td>
<td>Harris</td>
<td>medium</td>
<td>yellow</td>
<td>8.5</td>
<td>10</td>
<td>globe to slightly oblate</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Makes good onions</td>
</tr>
<tr>
<td>Mesquite</td>
<td>D. Palmer</td>
<td>medium</td>
<td>yellow</td>
<td>8.5</td>
<td>10</td>
<td>globe to slightly oblate</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Uniform and attractive</td>
</tr>
<tr>
<td>Prince</td>
<td>Johnny's</td>
<td>medium</td>
<td>yellow</td>
<td>7.5</td>
<td>7</td>
<td>globe</td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>F1</td>
<td>Attractive; very good storage ability</td>
</tr>
<tr>
<td>Tequila</td>
<td>D. Palmer</td>
<td>medium</td>
<td>yellow</td>
<td>8</td>
<td>8</td>
<td>globe</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Uniform, large onions</td>
</tr>
<tr>
<td>Frosty</td>
<td>D. Palmer</td>
<td>medium</td>
<td>white</td>
<td>7</td>
<td>7</td>
<td>variable</td>
<td>6</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Globe to elongated</td>
</tr>
<tr>
<td>Gladstone</td>
<td>Bejo</td>
<td>medium</td>
<td>white</td>
<td>8</td>
<td>8</td>
<td>globe</td>
<td>7</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Somewhat variable for shape; good size</td>
</tr>
<tr>
<td>Superstar</td>
<td>Seminis</td>
<td>early</td>
<td>white</td>
<td>7</td>
<td>7</td>
<td>globe</td>
<td>7</td>
<td>4</td>
<td>7</td>
<td>F1</td>
<td>Large for an early onion</td>
</tr>
<tr>
<td>Walla Walla</td>
<td>Territorial</td>
<td>early</td>
<td>white</td>
<td>8</td>
<td>8</td>
<td>globe</td>
<td>1</td>
<td>1</td>
<td>5</td>
<td>OP</td>
<td>Not for storage; variable size</td>
</tr>
<tr>
<td>White Hawk</td>
<td>Bejo</td>
<td>early</td>
<td>white</td>
<td>5</td>
<td>5</td>
<td>globe</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Small bulbs when spring sown</td>
</tr>
<tr>
<td>White Sweet Spanish</td>
<td>Nichols</td>
<td>medium early</td>
<td>white</td>
<td>8.5</td>
<td>8</td>
<td>elongated to slightly oblate</td>
<td>6</td>
<td>5</td>
<td>7</td>
<td>OP</td>
<td>Attractive, large onions; variable shape; some starting to rot</td>
</tr>
<tr>
<td>Red Baron</td>
<td>Bejo</td>
<td>late</td>
<td>red</td>
<td>6</td>
<td>6</td>
<td>variable</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>F1</td>
<td>Highly variable size and shape; elongated to oblate</td>
</tr>
<tr>
<td>Red Beauty</td>
<td>Bejo</td>
<td>medium</td>
<td>red</td>
<td>6</td>
<td>7</td>
<td>elongated globe</td>
<td>7</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Red Eyes</td>
<td>D. Palmer</td>
<td>early</td>
<td>red</td>
<td>6</td>
<td>7</td>
<td>elongated globe</td>
<td>7</td>
<td>4</td>
<td>3</td>
<td>F1</td>
<td>Variable size and shape</td>
</tr>
<tr>
<td>Red Long of Tropea</td>
<td>Johnny’s</td>
<td>medium</td>
<td>red</td>
<td>9</td>
<td>6</td>
<td>elongated</td>
<td>1</td>
<td>1</td>
<td>5</td>
<td>OP</td>
<td>Attractive shape; not for storage</td>
</tr>
<tr>
<td>Red Wing</td>
<td>Bejo</td>
<td>medium</td>
<td>red</td>
<td>7</td>
<td>8</td>
<td>slightly elongated, pointed</td>
<td>7</td>
<td>7</td>
<td>8</td>
<td>F1</td>
<td>Very nice red color; good size</td>
</tr>
</tbody>
</table>

2Scores based on a 1–9 scale with 1 = fat necks with multiple stalks and 9 = very small, neat necks. Onions with small necks are, in general, better storage onions.
3Scores based on a 1–9 scale with 1 = all bulbs sprouted and 9 = no sprouting and bulbs showing no signs of softening or rot.
4Scores based on a 1–9 scale with 9 = best.
5F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Maturity</th>
<th>Immature Color</th>
<th>Mature Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Flesh Thickness</th>
<th>Sunscald</th>
<th>Fruit Score&lt;sup&gt;3&lt;/sup&gt;</th>
<th>Overall Score&lt;sup&gt;3&lt;/sup&gt;</th>
<th>Cultivar Type&lt;sup&gt;4&lt;/sup&gt;</th>
<th>Notes&lt;sup&gt;5&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>840</td>
<td>Osborne</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>10</td>
<td>9.5</td>
<td>43</td>
<td>50</td>
<td>7</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Plants lodging; good yield; fruit not sweet</td>
</tr>
<tr>
<td>Ace</td>
<td>Johnny’s</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>11.5</td>
<td>6.8</td>
<td>39</td>
<td>37</td>
<td>5.5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Nice interior color; good flavor; some lodging</td>
</tr>
<tr>
<td>Ariane</td>
<td>Prairie</td>
<td>early</td>
<td>green</td>
<td>orange</td>
<td>7.5</td>
<td>8.5</td>
<td>34</td>
<td>36</td>
<td>4.5</td>
<td>6</td>
<td>4</td>
<td>5</td>
<td>OP</td>
<td>Many bull-nosed fruit; good flavor; small plant; tightly clustered fruit</td>
</tr>
<tr>
<td>Boynton Bell</td>
<td>Harris Moran</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>9</td>
<td>8.6</td>
<td>37</td>
<td>37</td>
<td>7.5</td>
<td>4</td>
<td>7</td>
<td>4</td>
<td>F1</td>
<td>Fair flavor but not sweet</td>
</tr>
<tr>
<td>Brigadier</td>
<td>Osborne</td>
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<td>green</td>
<td>red</td>
<td>9.5</td>
<td>10.5</td>
<td>46</td>
<td>43</td>
<td>8.5</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Compact plants with high yield; fair flavor</td>
</tr>
<tr>
<td>Conquest</td>
<td>Harris</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>10.9</td>
<td>10.5</td>
<td>44</td>
<td>37</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>F1</td>
<td>Very small plant with good yield of very large fruit; very mild flavor</td>
</tr>
<tr>
<td>Corona</td>
<td>Johnny’s</td>
<td>early</td>
<td>green</td>
<td>orange</td>
<td>8.8</td>
<td>8.5</td>
<td>50</td>
<td>38</td>
<td>7</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>OP</td>
<td>Good flavor; tightly clustered fruit</td>
</tr>
<tr>
<td>Crusader</td>
<td>Osborne</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>9.2</td>
<td>9.2</td>
<td>45</td>
<td>48</td>
<td>5</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Some blossom end rot; good flavor but not sweet</td>
</tr>
<tr>
<td>Diego</td>
<td>Osborne</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>8.8</td>
<td>8.7</td>
<td>38</td>
<td>32</td>
<td>7</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Fruit tightly clustered; bland flavor</td>
</tr>
<tr>
<td>Early</td>
<td>Stokes</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>11.2</td>
<td>8</td>
<td>44</td>
<td>47</td>
<td>5.5</td>
<td>7</td>
<td>6</td>
<td>6</td>
<td>OP</td>
<td>Good flavor; good yield but many small fruit</td>
</tr>
<tr>
<td>Calwonder</td>
<td>Enterprise</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>10.4</td>
<td>9.5</td>
<td>50</td>
<td>48</td>
<td>8.5</td>
<td>4</td>
<td>6</td>
<td>5</td>
<td>F1</td>
<td>Good flavor; would make a good stuffer</td>
</tr>
<tr>
<td>Fat’ n Sassy</td>
<td>Nichols</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>11.4</td>
<td>10</td>
<td>46</td>
<td>53</td>
<td>7.5</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td>F1</td>
<td>Good flavor</td>
</tr>
<tr>
<td>Flamingo</td>
<td>Harris Moran</td>
<td>medium</td>
<td>light green</td>
<td>orange to yellow to red-orange</td>
<td>13.5</td>
<td>7.1</td>
<td>46</td>
<td>48</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Attractive fruit; good yield</td>
</tr>
<tr>
<td>Gourmet</td>
<td>Johnny’s</td>
<td>medium late</td>
<td>green</td>
<td>orange</td>
<td>11.5</td>
<td>7.8</td>
<td>42</td>
<td>47</td>
<td>5</td>
<td>7</td>
<td>6</td>
<td>4</td>
<td>F1</td>
<td>Good flavor, sweet; small plants with fruit on ground</td>
</tr>
<tr>
<td>HMX 3640</td>
<td>Osborne</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>12.8</td>
<td>11</td>
<td>45</td>
<td>48</td>
<td>7</td>
<td>6</td>
<td>4</td>
<td>6</td>
<td>F1</td>
<td>High yielding, good flavor; fruit not uniform, rough</td>
</tr>
<tr>
<td>Islander</td>
<td>Johnny’s</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>12.4</td>
<td>8.7</td>
<td>42</td>
<td>42</td>
<td>7</td>
<td>3</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Fruit changes from light green to purple to orange to red; excellent flavor and sweetness</td>
</tr>
<tr>
<td>Ivory</td>
<td>Osborne</td>
<td>medium</td>
<td>wax</td>
<td>yellow</td>
<td>10.5</td>
<td>8.6</td>
<td>54</td>
<td>64</td>
<td>5</td>
<td>9</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Sour flavor; lodging; good yield</td>
</tr>
</tbody>
</table>

<sup>1</sup>Transplants set out May 23.

<sup>2</sup>Sunscald of fruit, scores based on 1–9 scale with 1 = severe sunscald and 9 = none (most desirable).

<sup>3</sup>Scores based on 1–9 scale with 9 = best.

<sup>4</sup>F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species (peppers are self-pollinated but have a high degree of outcrossing, so must be isolated if seed is to be saved).

<sup>5</sup>Bull-nosed refers to fruit with deeply indented blossom ends; fruit set tightly clustered in the center of the plant is a negative quality because it leads to distorted fruit and difficulty in picking; blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have “rotted.”
## Peppers, Bell

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Maturity</th>
<th>Immature Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Flesh Thickness</th>
<th>Sunscald</th>
<th>Fruit Score</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jumbo Sweet</td>
<td>Takii</td>
<td>medium</td>
<td>green</td>
<td>14.2</td>
<td>8.3</td>
<td>48</td>
<td>46</td>
<td>4.5</td>
<td>8</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Plants lodging; very long fruit with moderately sweet flavor; some fruit distortion; some blossom end rot</td>
</tr>
<tr>
<td>Labrador</td>
<td>Johnny’s</td>
<td>medium early</td>
<td>green</td>
<td>13.2</td>
<td>8.8</td>
<td>47</td>
<td>50</td>
<td>5.5</td>
<td>3</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Good sweet flavor; good yield; some lodging</td>
</tr>
<tr>
<td>Lady Bell</td>
<td>Harris Moran</td>
<td>medium early</td>
<td>green</td>
<td>11.5</td>
<td>8.4</td>
<td>52</td>
<td>38</td>
<td>6</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Bland flavor</td>
</tr>
<tr>
<td>Lafayette</td>
<td>Siegers</td>
<td>medium</td>
<td>green</td>
<td>11.5</td>
<td>8.8</td>
<td>48</td>
<td>54</td>
<td>6.5</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Mild flavor, not very sweet; attractive fruit</td>
</tr>
<tr>
<td>Lamuyo</td>
<td>Danson</td>
<td>medium</td>
<td>light green</td>
<td>17.4</td>
<td>8</td>
<td>6</td>
<td>58</td>
<td>6.5</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Fruity, moderately sweet flavor</td>
</tr>
<tr>
<td>Lantern</td>
<td>Osborne</td>
<td>medium</td>
<td>green</td>
<td>12.5</td>
<td>9</td>
<td>39</td>
<td>37</td>
<td>7</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Poor flavor; plants lodging; good yield</td>
</tr>
<tr>
<td>Lilac Bell</td>
<td>Territorial</td>
<td>medium</td>
<td>green</td>
<td>12.2</td>
<td>7.8</td>
<td>40</td>
<td>37</td>
<td>7.5</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Good flavor; some lodging; fruit tightly clustered and hard to pick</td>
</tr>
<tr>
<td>Mandarin</td>
<td>Syngenta</td>
<td>medium late</td>
<td>green</td>
<td>13</td>
<td>9</td>
<td>52</td>
<td>47</td>
<td>6</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Mild flavor</td>
</tr>
<tr>
<td>Marquis</td>
<td>Syngenta</td>
<td>medium</td>
<td>green</td>
<td>14.7</td>
<td>9.2</td>
<td>65</td>
<td>40</td>
<td>5</td>
<td>6</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Tall, upright plant with good yield</td>
</tr>
<tr>
<td>Mercedes</td>
<td>Osborne</td>
<td>late</td>
<td>green</td>
<td>14.2</td>
<td>9.4</td>
<td>60</td>
<td>55</td>
<td>8.5</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Irregular shape</td>
</tr>
<tr>
<td>Northstar</td>
<td>Seminis</td>
<td>medium early</td>
<td>green</td>
<td>10.3</td>
<td>8.3</td>
<td>41</td>
<td>55</td>
<td>6</td>
<td>6</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Good flavor</td>
</tr>
<tr>
<td>Orange Belle</td>
<td>Burpee</td>
<td>medium</td>
<td>light green</td>
<td>10.1</td>
<td>9</td>
<td>37</td>
<td>48</td>
<td>6</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Compact plant, misshaped fruit; bland flavor</td>
</tr>
<tr>
<td>Orion</td>
<td>Osborne</td>
<td>medium late</td>
<td>green</td>
<td>10.4</td>
<td>9.7</td>
<td>47</td>
<td>50</td>
<td>8</td>
<td>2</td>
<td>6</td>
<td>5</td>
<td>F1</td>
<td>Very sweet, good flavor; good stuffer</td>
</tr>
<tr>
<td>Peninsula</td>
<td>Harris Moran</td>
<td>medium</td>
<td>green</td>
<td>9</td>
<td>8.7</td>
<td>43</td>
<td>44</td>
<td>7</td>
<td>7</td>
<td>4</td>
<td>5</td>
<td>F1</td>
<td>Fair flavor; tough skin</td>
</tr>
<tr>
<td>Presidente</td>
<td>Harris Moran</td>
<td>medium</td>
<td>green</td>
<td>12.9</td>
<td>9.5</td>
<td>61</td>
<td>46</td>
<td>6.5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Highly variable fruit shape; good mild flavor; best fruit are very nice looking but others are rough and distorted</td>
</tr>
<tr>
<td>Prince</td>
<td>Harris Moran</td>
<td>medium</td>
<td>orange</td>
<td>13.2</td>
<td>8.5</td>
<td>50</td>
<td>48</td>
<td>7</td>
<td>2</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Plants lodging</td>
</tr>
<tr>
<td>Purple Beauty</td>
<td>Territorial</td>
<td>medium late</td>
<td>green</td>
<td>7.5</td>
<td>9.2</td>
<td>47</td>
<td>46</td>
<td>8</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>OP</td>
<td>Good flavor though not very sweet</td>
</tr>
</tbody>
</table>

1Transplants set out May 23.
2Sunscald of fruit, scores based on 1–9 scale with 1 = severe sunscald and 9 = none (most desirable).
3Scores based on 1–9 scale with 9 = best.
4F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species (peppers are self-pollinated but have a high degree of outcrossing, so must be isolated if seed is to be saved).
5Bull-nosed refers to fruit with deeply indented blossom ends; fruit set tightly clustered in the center of the plant is a negative quality because it leads to distorted fruit and difficulty in picking; blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have “rotted.”

Variety Observations, 2003
### Peppers, Bell

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Maturity</th>
<th>Immature Color</th>
<th>Mature Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Flesh Thickness</th>
<th>Sunscald²</th>
<th>Fruit Score³</th>
<th>Overall Score³</th>
<th>Cultivar Type⁴</th>
<th>Notes⁵</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Delicious</td>
<td>Burpee</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>9.8</td>
<td>9</td>
<td>44</td>
<td>40</td>
<td>6.5</td>
<td>8</td>
<td>4</td>
<td>3</td>
<td>F1</td>
<td>Lodging, bland flavor; bull-nosed</td>
</tr>
<tr>
<td>Snow White</td>
<td>Nichols</td>
<td>medium late</td>
<td>green-yellow</td>
<td>orange-red</td>
<td>13.6</td>
<td>7.4</td>
<td>47</td>
<td>50</td>
<td>5</td>
<td>8</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Good paprika-like flavor; attractive plant; good yield</td>
</tr>
<tr>
<td>Super Heavy Weight</td>
<td>Nichols</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>14.5</td>
<td>10.7</td>
<td>43</td>
<td>42</td>
<td>8</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Good flavor</td>
</tr>
<tr>
<td>Super Set</td>
<td>Sakata</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>11.8</td>
<td>8.2</td>
<td>35</td>
<td>48</td>
<td>6.5</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Good flavor</td>
</tr>
<tr>
<td>Sweet Chocolate</td>
<td>Johnny’s</td>
<td>medium early</td>
<td>green</td>
<td>red-brown</td>
<td>10.9</td>
<td>5.5</td>
<td>46</td>
<td>45</td>
<td>3.5</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>OP</td>
<td>Bland flavor; poor yield of usable fruit</td>
</tr>
<tr>
<td>Tequila</td>
<td>Osborne</td>
<td>early</td>
<td>light green</td>
<td>red</td>
<td>10.3</td>
<td>8.8</td>
<td>39</td>
<td>44</td>
<td>6.5</td>
<td>7</td>
<td>7</td>
<td>9</td>
<td>F1</td>
<td>Very attractive, color changes from light green to purple to red; good yield; good, mild flavor</td>
</tr>
<tr>
<td>Valencia</td>
<td>Harris</td>
<td>early</td>
<td>green</td>
<td>deep orange</td>
<td>9.7</td>
<td>8.9</td>
<td>41</td>
<td>44</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Good flavor</td>
</tr>
<tr>
<td>Vidi</td>
<td>Vilmorin</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>13.9</td>
<td>9.5</td>
<td>49</td>
<td>37</td>
<td>4.5</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Fair flavor; poor yield</td>
</tr>
<tr>
<td>Vivaldi</td>
<td>Osborne</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>13.5</td>
<td>9.7</td>
<td>52</td>
<td>53</td>
<td>6</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Fruit tightly clustered in center of plant leading to fruit rot and difficult picking; poor flavor</td>
</tr>
<tr>
<td>Yankee Bell</td>
<td>Johnny’s</td>
<td>early</td>
<td>green</td>
<td>red</td>
<td>10.7</td>
<td>8</td>
<td>58</td>
<td>49</td>
<td>7</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>OP</td>
<td>Fairly uniform fruit with bland flavor</td>
</tr>
</tbody>
</table>

¹Transplants set out May 23.

²Sunscald of fruit, scores based on 1–9 scale with 1 = severe sunscald and 9 = none (most desirable).

³Scores based on 1–9 scale with 9 = best.

⁴F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species (peppers are self-pollinated but have a high degree of outcrossing, so must be isolated if seed is to be saved).

⁵Bull-nosed refers to fruit with deeply indented blossom ends; fruit set tightly clustered in the center of the plant is a negative quality because it leads to distorted fruit and difficulty in picking; blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have “rotted.”
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Immature Color</th>
<th>Mature Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Flesh Thickness (mm)</th>
<th>Sunscald</th>
<th>Fruit Score</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anaheim TMR 23</td>
<td>Seminis</td>
<td>Anaheim</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>18.5</td>
<td>3.7</td>
<td>67</td>
<td>59</td>
<td>3.5</td>
<td>7</td>
<td>5</td>
<td>6</td>
<td>OP</td>
<td>Moderately hot; tough skin</td>
</tr>
<tr>
<td>Mulato Isleno</td>
<td>Seminis</td>
<td>ancho</td>
<td>very late</td>
<td>dark green</td>
<td>maroon</td>
<td>11</td>
<td>8.2</td>
<td>86</td>
<td>78</td>
<td>1.5</td>
<td>9</td>
<td>7</td>
<td>5</td>
<td>OP</td>
<td>Tall plant with some lodging; good flavor</td>
</tr>
<tr>
<td>Tiburon</td>
<td>Harris</td>
<td>ancho</td>
<td>late</td>
<td>very dark green</td>
<td>red</td>
<td>13.2</td>
<td>8</td>
<td>72</td>
<td>88</td>
<td>4.5</td>
<td>2</td>
<td>6</td>
<td>6</td>
<td>F1</td>
<td>Good yield; mildly hot</td>
</tr>
<tr>
<td>Banana Supreme</td>
<td>Seminis</td>
<td>banana</td>
<td>early</td>
<td>yellow-green</td>
<td>red</td>
<td>18.3</td>
<td>4.6</td>
<td>61</td>
<td>56</td>
<td>4</td>
<td>9</td>
<td>7</td>
<td>8</td>
<td>F1</td>
<td>Nice, smooth fruit; not very sweet; good yield, plant stands nicely</td>
</tr>
<tr>
<td>Bananarama</td>
<td>Burpee</td>
<td>banana</td>
<td>medium late</td>
<td>yellow-green</td>
<td>red-orange</td>
<td>26</td>
<td>4.5</td>
<td>44</td>
<td>51</td>
<td>4</td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Sweet and flavorful; high yield</td>
</tr>
<tr>
<td>Gypsy</td>
<td>Burpee</td>
<td>pointed bell</td>
<td>early</td>
<td>yellow</td>
<td>orange-red</td>
<td>14.5</td>
<td>6.5</td>
<td>46</td>
<td>50</td>
<td>4.5</td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Bell pepper flavor with some heat; good yield; uniform fruit</td>
</tr>
<tr>
<td>Fajita Bell</td>
<td>Nichols</td>
<td>hot bell</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>10.4</td>
<td>8.6</td>
<td>35</td>
<td>48</td>
<td>6.5</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Slightly hot, peppery flavor; some rotting fruit; lodging</td>
</tr>
<tr>
<td>Andy</td>
<td>Johnny’s</td>
<td>cayenne</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>18.8</td>
<td>1.8</td>
<td>59</td>
<td>62</td>
<td>1.5</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td>F1</td>
<td>Good yield, moderately hot with some sweetness</td>
</tr>
<tr>
<td>Cayenne Long Slim</td>
<td>Osborne</td>
<td>cayenne</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>10.8</td>
<td>1.1</td>
<td>57</td>
<td>51</td>
<td>1.5</td>
<td>9</td>
<td>5</td>
<td>5</td>
<td>OP</td>
<td>Bland flavor</td>
</tr>
<tr>
<td>Golden Heat</td>
<td>Osborne</td>
<td>cayenne</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>13.5</td>
<td>1.2</td>
<td>56</td>
<td>67</td>
<td>1.5</td>
<td>7</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Leathery skin, bland flavor, not especially hot; lots of lodging</td>
</tr>
<tr>
<td>Hero</td>
<td>Territorial</td>
<td>cayenne</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>15.2</td>
<td>1.5</td>
<td>49</td>
<td>61</td>
<td>2</td>
<td>9</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Bland flavor</td>
</tr>
<tr>
<td>Miles Flavor</td>
<td>Known You</td>
<td>cayenne</td>
<td>very late</td>
<td>green</td>
<td>orange-red</td>
<td>18.5</td>
<td>1.2</td>
<td>68</td>
<td>72</td>
<td>2</td>
<td>9</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Lacks flavor</td>
</tr>
<tr>
<td>Salsa Delight</td>
<td>Burpee</td>
<td>long cayenne</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>22</td>
<td>2.8</td>
<td>66</td>
<td>71</td>
<td>2.5</td>
<td>8</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Slightly hot, acidic flavor; fair yield</td>
</tr>
<tr>
<td>Cherry Bomb</td>
<td>Seminis</td>
<td>cherry</td>
<td>early</td>
<td>green</td>
<td>red</td>
<td>3.9</td>
<td>3.9</td>
<td>59</td>
<td>64</td>
<td>4</td>
<td>9</td>
<td>6</td>
<td>8</td>
<td>F1</td>
<td>Tough skin; moderately hot; stands well; high yield</td>
</tr>
</tbody>
</table>

1Transplants set out May 23.

2Sunscald of fruit, scores based on 1–9 scale with 1 = severe sunscald and 9 = none (most desirable).

3Fruit score based on overall appearance and flavor; 1–9 scale with 9 = best.

4Overall score based on overall appearance and flavor; 1–9 scale with 9 = best.

5F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species (peppers are self-pollinated but have a high degree of outcrossing so must be isolated if seed is to be saved).

6Fruit set tightly clustered in the center of the plant is a negative quality because it leads to distorted fruit and difficulty in picking; blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have “rotted.”
## Peppers, Miscellaneous

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Immature Color</th>
<th>Mature Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Flesh Thickness (mm)</th>
<th>Sunscald²</th>
<th>Fruit Score³</th>
<th>Overall Score⁴</th>
<th>Cultivar Type¹</th>
<th>Notes⁷</th>
</tr>
</thead>
<tbody>
<tr>
<td>Euro Jumbo Sweet Cherry</td>
<td>Stokes</td>
<td>cherry</td>
<td>early</td>
<td>green</td>
<td>red</td>
<td>5.9</td>
<td>5.6</td>
<td>53</td>
<td>44</td>
<td>5.5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Good flavor</td>
</tr>
<tr>
<td>ACX 500</td>
<td>Abbott &amp; Cobb</td>
<td>cubanelle</td>
<td>medium late</td>
<td>pale green</td>
<td>red</td>
<td>19.8</td>
<td>5.8</td>
<td>72</td>
<td>42</td>
<td>5.6</td>
<td>7</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Bland flavor; some lodging</td>
</tr>
<tr>
<td>Aruba</td>
<td>Syngenta</td>
<td>cubanelle</td>
<td>early</td>
<td>green</td>
<td>red-orange</td>
<td>15.5</td>
<td>6.2</td>
<td>62</td>
<td>55</td>
<td>5</td>
<td>9</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Sweet and slightly hot; fruit clustered in crown</td>
</tr>
<tr>
<td>Copacabana</td>
<td>Harris Moran</td>
<td>cubanelle</td>
<td>medium</td>
<td>light green</td>
<td>red</td>
<td>12.8</td>
<td>3.5</td>
<td>45</td>
<td>50</td>
<td>3.5</td>
<td>9</td>
<td>5</td>
<td>7</td>
<td>F1</td>
<td>Attractive plant; slightly hot; good yield; color turns green to yellow to orange to red</td>
</tr>
<tr>
<td>Caribbean Red</td>
<td>Johnny’s</td>
<td>habanero</td>
<td>medium late</td>
<td>green</td>
<td>orange</td>
<td>5.1</td>
<td>3.5</td>
<td>54</td>
<td>88</td>
<td>1.5</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>OP</td>
<td>Very hot but with some sweetness; good yield; strong plant</td>
</tr>
<tr>
<td>Habenero</td>
<td>Territorial</td>
<td>habanero</td>
<td>late</td>
<td>green</td>
<td>red-orange</td>
<td>4</td>
<td>3.2</td>
<td>53</td>
<td>83</td>
<td>2.5</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>OP</td>
<td>Excellent yield; very hot</td>
</tr>
<tr>
<td>Hot Paper Lantern</td>
<td>Johnny’s</td>
<td>habanero</td>
<td>medium late</td>
<td>green</td>
<td>red-orange</td>
<td>7</td>
<td>2.8</td>
<td>70</td>
<td>86</td>
<td>1.5</td>
<td>9</td>
<td>5</td>
<td>8</td>
<td>OP</td>
<td>Large, strong plant; longer fruit than typical habanero; good yield</td>
</tr>
<tr>
<td>Euro Long Hot Hungarian</td>
<td>Stokes</td>
<td>Hungarian wax</td>
<td>medium early</td>
<td>yellow</td>
<td>red</td>
<td>19</td>
<td>4.3</td>
<td>60</td>
<td>46</td>
<td>3</td>
<td>8</td>
<td>9</td>
<td>7</td>
<td>F1</td>
<td>Sweet and slightly hot (excellent flavor); good yield; some fruit touch ground</td>
</tr>
<tr>
<td>Giant Marconi</td>
<td>Nichols</td>
<td>Italian sweet</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>28.3</td>
<td>8.2</td>
<td>59</td>
<td>60</td>
<td>4.5</td>
<td>3</td>
<td>7</td>
<td>4</td>
<td>F1</td>
<td>Heavy yield; good flavor, slightly hot</td>
</tr>
<tr>
<td>Red Bull’s Horn</td>
<td>Territorial</td>
<td>Italian sweet</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>21.7</td>
<td>5.9</td>
<td>64</td>
<td>48</td>
<td>4</td>
<td>3</td>
<td>7</td>
<td>7</td>
<td>OP</td>
<td>Very mild, sweet, good flavor; deep red color</td>
</tr>
<tr>
<td>The Godfather</td>
<td>Burpee</td>
<td>Italian sweet</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>21</td>
<td>5.2</td>
<td>60</td>
<td>50</td>
<td>4.5</td>
<td>8</td>
<td>7</td>
<td>5</td>
<td>F1</td>
<td>Sweet; tough skin</td>
</tr>
<tr>
<td>5000</td>
<td>Osborne</td>
<td>jalapeno</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>7.5</td>
<td>3</td>
<td>43</td>
<td>51</td>
<td>5</td>
<td>9</td>
<td>7</td>
<td>8</td>
<td>F1</td>
<td>Mild flavor</td>
</tr>
<tr>
<td>ACX 105</td>
<td>Abbott &amp; Cobb</td>
<td>jalapeno</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>10.4</td>
<td>2.1</td>
<td>50</td>
<td>59</td>
<td>4.5</td>
<td>9</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Moderate fruit cracking; slightly bitter; fair yield</td>
</tr>
</tbody>
</table>

1 Transplants set out May 23.

2 Sunscald of fruit, scores based on 1–9 scale with 1 = severe sunscald and 9 = none (most desirable).

3 Fruit score based on overall appearance and flavor; 1–9 scale with 9 = best.

4 Overall score includes fruit score plus yield and plant architecture; 1–9 scale with 9 = best.

5 F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species (peppers are self-pollinated but have a high degree of outcrossing so must be isolated if seed is to be saved).

6 Fruit set tightly clustered in the center of the plant is a negative quality because it leads to distorted fruit and difficulty in picking; blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have “rotted.”

 Variety Observations, 2003
## Peppers, Miscellaneous

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Immature Color</th>
<th>Mature Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Flesh Thickness (mm)</th>
<th>Sunscald</th>
<th>Fruit Score</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASX25 3XR</td>
<td>Osborne</td>
<td>jalapeno</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>11.4</td>
<td>3</td>
<td>56</td>
<td>64</td>
<td>5.5</td>
<td>9</td>
<td>3</td>
<td>5</td>
<td>F1</td>
<td>Atypical necrosis at blossom end as fruit ripens (blossom-end rot?); minimal cracking; moderately hot; nice plant; good yield</td>
</tr>
<tr>
<td>Biker Billy</td>
<td>Burpee</td>
<td>jalapeno</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>10</td>
<td>3.7</td>
<td>56</td>
<td>49</td>
<td>7</td>
<td>9</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Bland flavor; too late for Willamette Valley</td>
</tr>
<tr>
<td>BOS 6017</td>
<td>Orsetti</td>
<td>jalapeno</td>
<td>early</td>
<td>green</td>
<td>red</td>
<td>9.8</td>
<td>3</td>
<td>57</td>
<td>58</td>
<td>5</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>F1</td>
<td>Light cracking on fruit</td>
</tr>
<tr>
<td>Conchos Johnny's</td>
<td>Johnny's</td>
<td>jalapeno</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>9.8</td>
<td>3.2</td>
<td>52</td>
<td>48</td>
<td>4.5</td>
<td>9</td>
<td>7</td>
<td>3</td>
<td>F1</td>
<td>Very nice fruit; lodging plants</td>
</tr>
<tr>
<td>Delicias Johnny's</td>
<td>Johnny's</td>
<td>jalapeno</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>78</td>
<td>2.7</td>
<td>45</td>
<td>59</td>
<td>4</td>
<td>7</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Significant lodging; moderately heavy cracking on fruit; good fruit size; moderately hot</td>
</tr>
<tr>
<td>Early Jalapeno</td>
<td>Nichols</td>
<td>jalapeno</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>7.7</td>
<td>3</td>
<td>38</td>
<td>29</td>
<td>3</td>
<td>9</td>
<td>7</td>
<td>4</td>
<td>OP</td>
<td>Very mild with only slight heat; too late for Willamette Valley</td>
</tr>
<tr>
<td>False Alarm</td>
<td>Burpee</td>
<td>jalapeno</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>8.8</td>
<td>2.9</td>
<td>45</td>
<td>42</td>
<td>5</td>
<td>9</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Highly mild with only slight heat; too late for Willamette Valley</td>
</tr>
<tr>
<td>Jalapeno M</td>
<td>Harris</td>
<td>jalapeno</td>
<td>very late</td>
<td>green</td>
<td>red</td>
<td>8.5</td>
<td>2.5</td>
<td>61</td>
<td>66</td>
<td>4</td>
<td>9</td>
<td>7</td>
<td>3</td>
<td>OP</td>
<td>Highly variable; too late for Willamette Valley</td>
</tr>
<tr>
<td>Mitla</td>
<td>Seminis</td>
<td>jalapeno</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>6.6</td>
<td>2.5</td>
<td>46</td>
<td>50</td>
<td>4</td>
<td>9</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Many small cracks on fruit; moderately hot; high yielding</td>
</tr>
<tr>
<td>Mucho Nacho</td>
<td>Harris</td>
<td>jalapeno</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>9.6</td>
<td>3.2</td>
<td>52</td>
<td>47</td>
<td>4</td>
<td>9</td>
<td>5</td>
<td>3</td>
<td>F1</td>
<td>Severe plant breakage and lodging; moderate fruit cracking; flavor sweet but astringent</td>
</tr>
<tr>
<td>Perfecto</td>
<td>Seminis</td>
<td>jalapeno</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>10.5</td>
<td>3.4</td>
<td>44</td>
<td>44</td>
<td>6.5</td>
<td>9</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td>Fruit longer and more curved than typical jalapeno; moderately hot</td>
</tr>
</tbody>
</table>

1Transplants set out May 23.
2Sunscald of fruit, scores based on 1–9 scale with 1 = severe sunscald and 9 = none (most desirable).
3Fruit score based on overall appearance and flavor; 1–9 scale with 9 = best.
4Overall score includes fruit score plus yield and plant architecture; 1–9 scale with 9 = best.
5F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species (peppers are self-pollinated but have a high degree of outcrossing so must be isolated if seed is to be saved).
6Fruit set tightly clustered in the center of the plant is a negative quality because it leads to distorted fruit and difficulty in picking; blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have “rotted.”
## Peppers, Miscellaneous¹

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Immature Color</th>
<th>Mature Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Flesh Thickness (mm)</th>
<th>Sunscald²</th>
<th>Fruit Score³</th>
<th>Overall Score⁴</th>
<th>Cultivar Type⁵</th>
<th>Notes⁶</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer Heat 6000</td>
<td>Abbott &amp; Cobb</td>
<td>jalapeno</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>10</td>
<td>2.8</td>
<td>63</td>
<td>65</td>
<td>4</td>
<td>9</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Poor yield; fair flavor</td>
</tr>
<tr>
<td>Tam Jalapeno #1</td>
<td>Seminis</td>
<td>jalapeno</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>6.8</td>
<td>2.9</td>
<td>43</td>
<td>54</td>
<td>4</td>
<td>9</td>
<td>8</td>
<td>6</td>
<td>OP</td>
<td>Very good yield; some lodging; moderate fruit cracking</td>
</tr>
<tr>
<td>VTR 56</td>
<td>Orsetti</td>
<td>jalapeno</td>
<td>medium</td>
<td>green</td>
<td>deep reddish-brown</td>
<td>11.2</td>
<td>3.2</td>
<td>62</td>
<td>66</td>
<td>4</td>
<td>9</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Significant lodging; pleasant flavor; mildly hot</td>
</tr>
<tr>
<td>VTR 7</td>
<td>Orsetti</td>
<td>jalapeno</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>8.8</td>
<td>3.3</td>
<td>46</td>
<td>56</td>
<td>5.5</td>
<td>9</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Variable; very light cracking on fruit; good flavor; some lodging</td>
</tr>
<tr>
<td>Xena</td>
<td>Sunseeds</td>
<td>jalapeno</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>9.8</td>
<td>8.2</td>
<td>56</td>
<td>60</td>
<td>4</td>
<td>9</td>
<td>7</td>
<td>6</td>
<td>F1</td>
<td>Very light cracking on fruit; moderately hot; good yield</td>
</tr>
<tr>
<td>Pizza</td>
<td>OSU</td>
<td>sweet jalapeno</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>9.4</td>
<td>4.6</td>
<td>50</td>
<td>54</td>
<td>6</td>
<td>9</td>
<td>9</td>
<td>7</td>
<td>OP</td>
<td>Good flavor with a little spice; heavy yield; very thick walls</td>
</tr>
<tr>
<td>Espanola Improved</td>
<td>NMSU</td>
<td>New Mexican</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>16.5</td>
<td>2.8</td>
<td>55</td>
<td>66</td>
<td>2</td>
<td>9</td>
<td>5</td>
<td>5</td>
<td>OP</td>
<td>Good flavor; moderately hot</td>
</tr>
<tr>
<td>New Mexico 6-4</td>
<td>NMSU</td>
<td>New Mexican</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>18</td>
<td>4</td>
<td>61</td>
<td>60</td>
<td>4</td>
<td>9</td>
<td>7</td>
<td>2</td>
<td>OP</td>
<td>Severe lodging; too late for Willamette Valley</td>
</tr>
<tr>
<td>NuMex Big Jim</td>
<td>NMSU</td>
<td>New Mexican</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>20.5</td>
<td>4.3</td>
<td>59</td>
<td>69</td>
<td>4.5</td>
<td>9</td>
<td>1</td>
<td>1</td>
<td>OP</td>
<td>Too late for Willamette Valley</td>
</tr>
<tr>
<td>NuMex Joe Parker</td>
<td>NMSU</td>
<td>New Mexican</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>20.5</td>
<td>4</td>
<td>65</td>
<td>47</td>
<td>3.5</td>
<td>9</td>
<td>1</td>
<td>0</td>
<td>OP</td>
<td>Too late for Willamette Valley; lodging</td>
</tr>
<tr>
<td>NuMex R Naky</td>
<td>NMSU</td>
<td>New Mexican</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>15.4</td>
<td>3.9</td>
<td>55</td>
<td>55</td>
<td>2</td>
<td>8</td>
<td>7</td>
<td>4</td>
<td>OP</td>
<td>Very mild, sweet, good flavor, but too late</td>
</tr>
<tr>
<td>Bolivian Rainbow</td>
<td>Seeds of Change</td>
<td>ornamental</td>
<td>medium late</td>
<td>purple</td>
<td>red</td>
<td>2.4</td>
<td>1.7</td>
<td>49</td>
<td>50</td>
<td>1.5</td>
<td>9</td>
<td>5</td>
<td>7</td>
<td>OP</td>
<td>Fruit held erect; color changes from purple to green to yellow to red; nice ornamental</td>
</tr>
</tbody>
</table>

¹Transplants set out May 23.

²Sunscald of fruit, scores based on 1–9 scale with 1 = severe sunscald and 9 = none (most desirable).

³Fruit score based on overall appearance and flavor; 1–9 scale with 9 = best.

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⁵F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species (peppers are self-pollinated but have a high degree of outcrossing so must be isolated if seed is to be saved).

⁶Fruit set tightly clustered in the center of the plant is a negative quality because it leads to distorted fruit and difficulty in picking; blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have “rotted.”
## Peppers, Miscellaneous

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Immature Color</th>
<th>Mature Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Flesh Thickness (mm)</th>
<th>Sunscald</th>
<th>Fruit Score</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jingle Bells</td>
<td>Seminis</td>
<td>ornamental</td>
<td>medium early</td>
<td>green</td>
<td>deep red</td>
<td>6</td>
<td>4.8</td>
<td>61</td>
<td>66</td>
<td>4</td>
<td>8</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Unique, erect plant with mini bell-shaped fruit dispersed along long branches; bitter flavor</td>
</tr>
<tr>
<td>Marbles</td>
<td>OSU</td>
<td>ornamental</td>
<td>early</td>
<td>pale green to purple</td>
<td>red</td>
<td>1.5</td>
<td>2</td>
<td>35</td>
<td>35</td>
<td>2.5</td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>OP</td>
<td>Attractive plant with small, round, erect fruit that changes from green to yellow to purple to orange to red, with all colors present on plant at once</td>
</tr>
<tr>
<td>Purira</td>
<td>Seeds of Change</td>
<td>ornamental</td>
<td>medium late</td>
<td>yellow</td>
<td>orange-red</td>
<td>7</td>
<td>2.8</td>
<td>73</td>
<td>66</td>
<td>2</td>
<td>9</td>
<td>5</td>
<td>6</td>
<td>OP</td>
<td>Attractive plant with erect fruit; some lodging and plant breakage; very hot</td>
</tr>
<tr>
<td>Riot</td>
<td>OSU</td>
<td>ornamental</td>
<td>early</td>
<td>pale green to yellow-orange</td>
<td>red</td>
<td>5.7</td>
<td>0.9</td>
<td>28</td>
<td>41</td>
<td>1</td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>OP</td>
<td>Compact plants; erect chile-shaped small fruit; very prolific</td>
</tr>
<tr>
<td>Tangerine Dream</td>
<td>Burpee</td>
<td>ornamental</td>
<td>medium early</td>
<td>green</td>
<td>orange</td>
<td>11.2</td>
<td>2.5</td>
<td>28</td>
<td>61</td>
<td>4</td>
<td>8</td>
<td>4</td>
<td>3</td>
<td>OP</td>
<td>Very heavy yield of erect fruit; some fruit rotted; lodging plants; bitter flavor</td>
</tr>
<tr>
<td>Paprika Supreme</td>
<td>Johnny’s</td>
<td>paprika</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>16.8</td>
<td>3.7</td>
<td>72</td>
<td>73</td>
<td>3</td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Very good internal red color; sweet and mild; some lodging; good yield</td>
</tr>
<tr>
<td>Pasillo Bajo</td>
<td>Seminis</td>
<td>pasilla</td>
<td>very late</td>
<td>green</td>
<td>red-brown</td>
<td>19.8</td>
<td>3.3</td>
<td>67</td>
<td>90</td>
<td>2.5</td>
<td>9</td>
<td>5</td>
<td>4</td>
<td>OP</td>
<td>Lodging; mildly hot</td>
</tr>
<tr>
<td>Antohi Romanian</td>
<td>Johnny’s</td>
<td>pimiento</td>
<td>early</td>
<td>yellow-orange</td>
<td>red</td>
<td>11.5</td>
<td>5.8</td>
<td>54</td>
<td>57</td>
<td>4</td>
<td>8</td>
<td>6</td>
<td>5</td>
<td>OP</td>
<td>Sweet bell pepper flavor; some plant breakage and lodging</td>
</tr>
<tr>
<td>Pimiento L</td>
<td>Seeds of Change</td>
<td>pimiento</td>
<td>medium late</td>
<td>green</td>
<td>red</td>
<td>8.9</td>
<td>7</td>
<td>43</td>
<td>43</td>
<td>7</td>
<td>9</td>
<td>7</td>
<td>6</td>
<td>OP</td>
<td></td>
</tr>
<tr>
<td>Red Heart</td>
<td>Seeds of Change</td>
<td>pimiento</td>
<td>medium</td>
<td>green</td>
<td>red</td>
<td>9</td>
<td>5.8</td>
<td>66</td>
<td>46</td>
<td>6</td>
<td>8</td>
<td>7</td>
<td>5</td>
<td>OP</td>
<td>Good flavor</td>
</tr>
</tbody>
</table>

1 Transplants set out May 23.
2 Sunscald of fruit, scores based on 1–9 scale with 1 = severe sunscald and 9 = none (most desirable).
3 Fruit score based on overall appearance and flavor; 1–9 scale with 9 = best.
4 Overall score includes fruit score plus yield and plant architecture; 1–9 scale with 9 = best.
5 F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species (peppers are self-pollinated but have a high degree of outcrossing so must be isolated if seed is to be saved).
6 Fruit set tightly clustered in the center of the plant is a negative quality because it leads to distorted fruit and difficulty in picking; blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have “rotted.”
# Peppers, Miscellaneous

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Immature Color</th>
<th>Mature Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Height (cm)</th>
<th>Plant Width (cm)</th>
<th>Flesh Thickness (mm)</th>
<th>Sunscald $^2$</th>
<th>Fruit Score $^3$</th>
<th>Overall Score $^4$</th>
<th>Cultivar Type $^5$</th>
<th>Notes $^6$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple</td>
<td>Johnny’s</td>
<td>heart pimiento</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>9</td>
<td>6</td>
<td>51</td>
<td>48</td>
<td>6.5</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>OP</td>
<td>Good, sweet flavor; good yield of attractive fruit; plants tending to lodge</td>
</tr>
<tr>
<td>Cheese Pepper</td>
<td>Jim Myers (OSU)</td>
<td>cheese</td>
<td>early</td>
<td>green</td>
<td>red</td>
<td>4.5</td>
<td>7.3</td>
<td>52</td>
<td>56</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>8</td>
<td>OP</td>
<td>Interesting, mild flavor, slightly hot; lots of usable fruit</td>
</tr>
<tr>
<td>Ethnic Sweet</td>
<td>Johnny’s</td>
<td>cheese</td>
<td>medium early</td>
<td>green</td>
<td>red</td>
<td>5.2</td>
<td>9.1</td>
<td>56</td>
<td>44</td>
<td>5.5</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>OP</td>
<td>Good flavor; slightly hot</td>
</tr>
<tr>
<td>Round of Hungary</td>
<td>Burpee</td>
<td>serrano</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>6.6</td>
<td>4.5</td>
<td>65</td>
<td>90</td>
<td>3.5</td>
<td>9</td>
<td>5</td>
<td>5</td>
<td>OP</td>
<td>Bland flavor</td>
</tr>
<tr>
<td>Tampico Fiesta</td>
<td>Seminis</td>
<td>serrano</td>
<td>late</td>
<td>green</td>
<td>red</td>
<td>8.8</td>
<td>1.7</td>
<td>57</td>
<td>78</td>
<td>2</td>
<td>9</td>
<td>7</td>
<td>5</td>
<td>F1</td>
<td>Very smooth fruit with good flavor; plants breaking apart</td>
</tr>
</tbody>
</table>

$^1$ Transplants set out May 23.

$^2$ Sunscald of fruit, scores based on 1–9 scale with 1 = severe sunscald and 9 = none (most desirable).

$^3$ Fruit score based on overall appearance and flavor; 1–9 scale with 9 = best.

$^4$ Overall score includes fruit score plus yield and plant architecture; 1–9 scale with 9 = best.

$^5$ F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species (peppers are self-pollinated but have a high degree of outcrossing so must be isolated if seed is to be saved).

$^6$ Fruit set tightly clustered in the center of the plant is a negative quality because it leads to distorted fruit and difficulty in picking; blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have “rotted.”
## Pumpkins and Ornamental Gourds

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Cucurbita Species</th>
<th>Type</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>External Color</th>
<th>Yield</th>
<th>Plant Vigor</th>
<th>Habit</th>
<th>Disease</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rouge Vif D’Etampes</td>
<td>Johnny’s</td>
<td>maxima</td>
<td>cinderella</td>
<td>24</td>
<td>38</td>
<td>red-orange</td>
<td>7</td>
<td>6</td>
<td>vine</td>
<td>3</td>
<td>5</td>
<td>OP</td>
<td>Attractive, oblate, heavily ribbed fruit with shiny, smooth rind and very nice color; concentrated set</td>
</tr>
<tr>
<td>Big Moon</td>
<td>Seminis</td>
<td>maxima</td>
<td>giant pumpkin</td>
<td>56</td>
<td>52</td>
<td>light salmon</td>
<td>4</td>
<td>5</td>
<td>vine</td>
<td>4</td>
<td>4</td>
<td>OP</td>
<td>One fruit per plant; soft rind</td>
</tr>
<tr>
<td>Dill’s Atlantic</td>
<td>Nichols</td>
<td>maxima</td>
<td>giant pumpkin</td>
<td>45</td>
<td>48</td>
<td>light salmon</td>
<td>5</td>
<td>6</td>
<td>vine</td>
<td>5</td>
<td>6</td>
<td>OP</td>
<td>Color not as good as Prizewinner but fairly prolific; soft rind</td>
</tr>
<tr>
<td>Prizewinner</td>
<td>Seminis</td>
<td>maxima</td>
<td>giant pumpkin</td>
<td>55</td>
<td>54</td>
<td>orange</td>
<td>9</td>
<td>7</td>
<td>vine</td>
<td>5</td>
<td>8</td>
<td>F1</td>
<td>Soft rind</td>
</tr>
<tr>
<td>Gold Standard</td>
<td>Rupp</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>23</td>
<td>30</td>
<td>dull orange</td>
<td>7</td>
<td>6</td>
<td>vine</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td>Long, heavy stem</td>
</tr>
<tr>
<td>Gold Strike</td>
<td>Rupp</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>34</td>
<td>31</td>
<td>dark orange</td>
<td>7</td>
<td>6</td>
<td>vine</td>
<td>3</td>
<td>7</td>
<td>F1</td>
<td>Variable fruit shape; very long, strong stem</td>
</tr>
<tr>
<td>Howden Biggie</td>
<td>Harris Moran</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>45</td>
<td>32</td>
<td>dark orange</td>
<td>7</td>
<td>6</td>
<td>vine</td>
<td>3</td>
<td>4</td>
<td>OP</td>
<td>Variable size and shape; short stems</td>
</tr>
<tr>
<td>Howdy Doody</td>
<td>Rupp</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>23</td>
<td>30</td>
<td>dark orange</td>
<td>7</td>
<td>5</td>
<td>vine</td>
<td>4</td>
<td>7</td>
<td>F1</td>
<td>Variable shape from deep to oblate; good strong stem</td>
</tr>
<tr>
<td>Lil’ Goblin</td>
<td>Harris Moran</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>9</td>
<td>12</td>
<td>orange</td>
<td>8</td>
<td>2</td>
<td>bush</td>
<td>4</td>
<td>8</td>
<td>F1</td>
<td>Very uniform shape and size; very good yield for size of plant; dark green, well-proportioned stem</td>
</tr>
<tr>
<td>Merlin</td>
<td>Harris Moran</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>25</td>
<td>25</td>
<td>dark orange</td>
<td>4</td>
<td>5</td>
<td>semi-bush</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Variable size; nice shape; short stems</td>
</tr>
<tr>
<td>Orange Smoothie</td>
<td>Territorial</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>18</td>
<td>19</td>
<td>orange</td>
<td>8</td>
<td>5</td>
<td>semi-bush</td>
<td>3</td>
<td>7</td>
<td>F1</td>
<td>Very uniform shape but variable size; smooth and shiny; concentrated set</td>
</tr>
<tr>
<td>Phantom</td>
<td>Osborne</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>27</td>
<td>31</td>
<td>dark orange</td>
<td>6</td>
<td>4</td>
<td>vine</td>
<td>3</td>
<td>7</td>
<td>F1</td>
<td>Attractive fruit with very good color; oblong to slightly oblate; good, long stem</td>
</tr>
<tr>
<td>Pro Gold 500</td>
<td>Abbott &amp; Cobb</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>22</td>
<td>28.5</td>
<td>orange</td>
<td>6</td>
<td>6</td>
<td>vine</td>
<td>2</td>
<td>5</td>
<td>F1</td>
<td>Variable shape, mostly oblate; heavy, dark-green stem</td>
</tr>
<tr>
<td>Racer</td>
<td>Johnny’s</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>22</td>
<td>31</td>
<td>dark orange</td>
<td>7</td>
<td>5</td>
<td>semi-bush</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Early; uniform shape is slightly oblate</td>
</tr>
<tr>
<td>Rocket</td>
<td>Johnny’s</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>23</td>
<td>24</td>
<td>orange</td>
<td>7</td>
<td>4</td>
<td>vine</td>
<td>2</td>
<td>5</td>
<td>F1</td>
<td>Variable size; some russetting; long, dark-green stem; good, uniform shape</td>
</tr>
<tr>
<td>Sorcerer</td>
<td>Harris</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>28</td>
<td>28</td>
<td>shiny orange</td>
<td>5</td>
<td>6</td>
<td>vine</td>
<td>3</td>
<td>5</td>
<td>F1</td>
<td>Smooth fruit with long stems</td>
</tr>
<tr>
<td>Trickster</td>
<td>Rupp</td>
<td>pepo</td>
<td>jack-o-lantern</td>
<td>12</td>
<td>15.5</td>
<td>orange</td>
<td>5</td>
<td>4</td>
<td>semi-bush</td>
<td>2</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
</tbody>
</table>

1 Direct seeded May 27 in 60” rows.

2 Scores based on a 1–9 scale with 9 = best.

3 Disease scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot and powdery mildew.

4 F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.

5 Russetting refers to a rust- or brownish-colored spattering on the rind.

Variety Observations, 2003
## Pumpkins and Ornamental Gourds

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Cucurbita Species</th>
<th>Type</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>External Color</th>
<th>Yield</th>
<th>Plant Vigor</th>
<th>Habit</th>
<th>Disease</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buckskin</td>
<td>Seminis</td>
<td>moschata</td>
<td>pie</td>
<td>30</td>
<td>21</td>
<td>tan</td>
<td>6</td>
<td>6</td>
<td>vine</td>
<td>7</td>
<td>6</td>
<td>OP</td>
<td>Fairly early; variable fruit shape from spherical to oblong; very nice, deep-orange flesh</td>
</tr>
<tr>
<td>Baby Pam</td>
<td>Harris</td>
<td>pepo</td>
<td>pie/jack-o-lantern</td>
<td>12</td>
<td>15.5</td>
<td>orange</td>
<td>6</td>
<td>3</td>
<td>vine</td>
<td>2</td>
<td>5</td>
<td>OP</td>
<td>Early; variable shape; fairly oblate; dark orange flesh</td>
</tr>
<tr>
<td>Pik-a-Pie</td>
<td>Rupp</td>
<td>pepo</td>
<td>pie/jack-o-lantern</td>
<td>15</td>
<td>21</td>
<td>dull, dark orange</td>
<td>7</td>
<td>5</td>
<td>short vine</td>
<td>2</td>
<td>8</td>
<td>F1</td>
<td>Uniform size and shape; good color; coarse yellow-orange flesh; concentrated set</td>
</tr>
<tr>
<td>Long Island Cheese</td>
<td>Johnny's</td>
<td>moschata</td>
<td>pie/ornamental pumpkin</td>
<td>18</td>
<td>28</td>
<td>tan</td>
<td>5</td>
<td>7</td>
<td>vine</td>
<td>7</td>
<td>4</td>
<td>OP</td>
<td>Coarse but pretty salmon-orange flesh</td>
</tr>
<tr>
<td>Valenciano</td>
<td>Johnny's</td>
<td>maxima</td>
<td>pie/ornamental pumpkin</td>
<td>15</td>
<td>26</td>
<td>cream</td>
<td>3</td>
<td>7</td>
<td>vine</td>
<td>4</td>
<td>4</td>
<td>OP</td>
<td>Coarse, light yellow flesh; soft rind</td>
</tr>
<tr>
<td>Baby Bear</td>
<td>Johnny's</td>
<td>pepo</td>
<td>pie/seed/ ornamental pumpkin</td>
<td>9</td>
<td>14</td>
<td>orange</td>
<td>7</td>
<td>3</td>
<td>vine</td>
<td>2</td>
<td>4</td>
<td>OP</td>
<td>Early; uniform fruit oblate in shape; semi-hulless seeds; orange flesh</td>
</tr>
<tr>
<td>Kakai</td>
<td>Johnny's</td>
<td>pepo</td>
<td>seed/ornamental pumpkin</td>
<td>21</td>
<td>20</td>
<td>orange with green stripes</td>
<td>8</td>
<td>7</td>
<td>semi-bush</td>
<td>4</td>
<td>8</td>
<td>OP</td>
<td>Very good yield; attractive fruit; large, dark green, hulless seeds with good flavor</td>
</tr>
<tr>
<td>Lil' Ironsides</td>
<td>Harris Moran</td>
<td>pepo</td>
<td>ornamental pumpkin</td>
<td>10</td>
<td>13</td>
<td>orange</td>
<td>7</td>
<td>6</td>
<td>semi-bush</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Hard rind; uniform shape and size; very smooth fruit; dark green, long stem</td>
</tr>
<tr>
<td>Lil' Pump-Ke-Mon</td>
<td>Harris Moran</td>
<td>pepo</td>
<td>ornamental pumpkin</td>
<td>7.5</td>
<td>13</td>
<td>cream with orange stripe</td>
<td>9</td>
<td>8</td>
<td>short vine</td>
<td>8</td>
<td>8</td>
<td>F1</td>
<td>Flattened shape with slight ribbing</td>
</tr>
<tr>
<td>Big Apple</td>
<td>Territorial</td>
<td>Lagenaria siceraria</td>
<td>ornamental gourd</td>
<td>17</td>
<td>15.5</td>
<td>green</td>
<td>3</td>
<td>9</td>
<td>vine</td>
<td>8</td>
<td>5</td>
<td>OP</td>
<td>Unusual gourd looks very much like a large, green apple; may be too late</td>
</tr>
<tr>
<td>Fancy Warted</td>
<td>Rupp</td>
<td>pepo</td>
<td>ornamental gourd</td>
<td>mixed</td>
<td>mixed</td>
<td>multi-colored</td>
<td>7</td>
<td>6</td>
<td>vine</td>
<td>3</td>
<td>7</td>
<td>OP</td>
<td>Nice ornamental; mostly orange and lemon-yellow with some green ends</td>
</tr>
<tr>
<td>Large Bottle</td>
<td>Hollar</td>
<td>Lagenaria siceraria</td>
<td>ornamental gourd</td>
<td>mixed</td>
<td>mixed</td>
<td>light green</td>
<td>6</td>
<td>9</td>
<td>vine</td>
<td>8</td>
<td>6</td>
<td>OP</td>
<td>Nice mix of types from long to birdhouse to bottle</td>
</tr>
<tr>
<td>Mixed Small Ornamental</td>
<td>Osborne</td>
<td>pepo</td>
<td>ornamental gourd</td>
<td>mixed</td>
<td>mixed</td>
<td>multi-colored</td>
<td>7</td>
<td>4</td>
<td>vine</td>
<td>4</td>
<td>4</td>
<td>OP</td>
<td>Not enough variety; too many cream-colored and egg-shaped</td>
</tr>
<tr>
<td>Turks Turban</td>
<td>Osborne</td>
<td>maxima</td>
<td>ornamental gourd</td>
<td>12</td>
<td>25.5</td>
<td>dark green with multi-color turban</td>
<td>7</td>
<td>5</td>
<td>vine</td>
<td>4</td>
<td>7</td>
<td>OP</td>
<td>Very large and colorful; poor eating quality</td>
</tr>
</tbody>
</table>

1Direct seeded May 27 in 60" rows.
2Scores based on a 1–9 scale with 9 = best.
3Disease scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot and powdery mildew.
4F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
5Russetting refers to a rust- or brownish-colored spattering on the rind.

Variety Observations, 2003
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Species</th>
<th>Type</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>External Color</th>
<th>Flesh Color</th>
<th>Yield</th>
<th>Vigor</th>
<th>Plant Vigor</th>
<th>Habitor</th>
<th>Disease</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bush Table Queen</td>
<td>Nichols</td>
<td>pepo</td>
<td>acorn</td>
<td>14</td>
<td>10</td>
<td>dark green</td>
<td>pale orange</td>
<td>4</td>
<td>7</td>
<td>bush</td>
<td>6</td>
<td>3</td>
<td>OP</td>
<td></td>
<td>Variable fruit shape; pointed; low yield; hard rind</td>
</tr>
<tr>
<td>Tay Belle</td>
<td>Seminis</td>
<td>pepo</td>
<td>acorn</td>
<td>18</td>
<td>13</td>
<td>dark green</td>
<td>pale orange</td>
<td>7</td>
<td>7</td>
<td>short vine</td>
<td>5</td>
<td>8</td>
<td>F1</td>
<td></td>
<td>Uniform fruit size and shape; concentrated set; classic acorn shape; relatively hard rind</td>
</tr>
<tr>
<td>Tuffy</td>
<td>Johnny's</td>
<td>pepo</td>
<td>acorn</td>
<td>15</td>
<td>10</td>
<td>dark green</td>
<td>light orange</td>
<td>6</td>
<td>7</td>
<td>vine</td>
<td>7</td>
<td>6</td>
<td>OP</td>
<td></td>
<td>Hard rind; interior color poor and variable</td>
</tr>
<tr>
<td>Buttercup Burgess</td>
<td>Harris</td>
<td>maxima</td>
<td>buttercup</td>
<td>11</td>
<td>17</td>
<td>dark olive</td>
<td>light orange</td>
<td>5</td>
<td>5</td>
<td>vine</td>
<td>3</td>
<td>4</td>
<td>OP</td>
<td></td>
<td>Variable size; scattered, dispersed crop; some sunburn</td>
</tr>
<tr>
<td>Sweet Meat</td>
<td>Nichols</td>
<td>maxima</td>
<td>buttercup</td>
<td>20</td>
<td>27</td>
<td>gray-blue</td>
<td>golden-yellow</td>
<td>7</td>
<td>6</td>
<td>vine</td>
<td>4</td>
<td>6</td>
<td>OP</td>
<td></td>
<td>Very thick flesh wall</td>
</tr>
<tr>
<td>Windsor Cup</td>
<td>Harris</td>
<td>maxima</td>
<td>buttercup</td>
<td>17</td>
<td>20</td>
<td>olive</td>
<td>golden-orange</td>
<td>7</td>
<td>5</td>
<td>bush</td>
<td>3</td>
<td>3</td>
<td>OP</td>
<td></td>
<td>Variable fruit shape; large fruit cavity</td>
</tr>
<tr>
<td>Butternut Supreme</td>
<td>Osborne</td>
<td>moschata</td>
<td>butternut</td>
<td>23</td>
<td>13</td>
<td>tan</td>
<td>orange</td>
<td>5</td>
<td>6</td>
<td>vine</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td></td>
<td>Small fruit cavity; variable fruit shape; fine-grained flesh; late</td>
</tr>
<tr>
<td>Early Butternut</td>
<td>Nichols</td>
<td>moschata</td>
<td>butternut</td>
<td>20.5</td>
<td>11.5</td>
<td>tan</td>
<td>orange</td>
<td>5</td>
<td>5</td>
<td>vine</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td></td>
<td>Some cracks in rind</td>
</tr>
<tr>
<td>Harris’ Butternut</td>
<td>Harris</td>
<td>moschata</td>
<td>butternut</td>
<td>27</td>
<td>13.5</td>
<td>tan</td>
<td>deep orange</td>
<td>7</td>
<td>7</td>
<td>vine</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td></td>
<td>Fine-grained flesh; some narrow necks; small fruit cavity</td>
</tr>
<tr>
<td>Nicklow’s Delight</td>
<td>Territorial</td>
<td>moschata</td>
<td>butternut</td>
<td>28</td>
<td>12</td>
<td>tan</td>
<td>golden</td>
<td>6</td>
<td>7</td>
<td>vine</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td></td>
<td>Very small fruit cavity; fair uniformity; some fat necks; fine-grained flesh</td>
</tr>
<tr>
<td>Really Big</td>
<td>Seminis</td>
<td>moschata</td>
<td>butternut</td>
<td>30</td>
<td>14</td>
<td>tan</td>
<td>yellow</td>
<td>7</td>
<td>7</td>
<td>vine</td>
<td>7</td>
<td>4</td>
<td>F1</td>
<td></td>
<td>Late maturity; fat neck; some fruit cracking</td>
</tr>
<tr>
<td>Tahitian Butternut</td>
<td>Harris</td>
<td>moschata</td>
<td>butternut</td>
<td>54</td>
<td>18</td>
<td>tan</td>
<td>dark orange</td>
<td>7</td>
<td>7</td>
<td>vine</td>
<td>4</td>
<td>5</td>
<td>OP</td>
<td></td>
<td>May be too late maturing; fairly uniform shape with long neck and lots of usable flesh; excellent quality</td>
</tr>
<tr>
<td>Cushaw Green Striped</td>
<td>Hollar</td>
<td>mixta</td>
<td>cushaw</td>
<td>39</td>
<td>20</td>
<td>cream with green stripes</td>
<td>pale yellow</td>
<td>8</td>
<td>7</td>
<td>vine</td>
<td>2</td>
<td>5</td>
<td>OP</td>
<td></td>
<td>Soft rind; crook neck</td>
</tr>
<tr>
<td>Cushaw Tricolor</td>
<td>Harris</td>
<td>mixta</td>
<td>cushaw</td>
<td>50</td>
<td>21</td>
<td>cream with green &amp; orange stripes</td>
<td>white</td>
<td>3</td>
<td>7</td>
<td>vine</td>
<td>2</td>
<td>3</td>
<td>OP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bush Delicata</td>
<td>Territorial</td>
<td>pepo</td>
<td>delicata</td>
<td>24</td>
<td>8</td>
<td>cream with green stripes</td>
<td>pale orange</td>
<td>6</td>
<td>6</td>
<td>semi-bush</td>
<td>6</td>
<td>4</td>
<td>OP</td>
<td></td>
<td>Variable shape</td>
</tr>
</tbody>
</table>

1Direct seeded May 27 in 60" rows.
2Scores based on a 1–9 scale with 9 = best or most vigorous.
3Scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot and powdery mildew.
4F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.

Variety Observations, 2003
## Squash, Winter

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Species</th>
<th>Type</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>External Color</th>
<th>Flesh Color</th>
<th>Yield</th>
<th>Vigor</th>
<th>Habit</th>
<th>Disease</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honey Boat</td>
<td>OSU</td>
<td>pepo</td>
<td>delicata</td>
<td>20</td>
<td>7.5</td>
<td>tan with green stripes</td>
<td>light orange</td>
<td>6</td>
<td>5</td>
<td>vine</td>
<td>3</td>
<td>7</td>
<td>OP</td>
<td>Uniform fruit with thick flesh; excellent quality</td>
</tr>
<tr>
<td>Sugar Loaf</td>
<td>OSU</td>
<td>pepo</td>
<td>delicata</td>
<td>15</td>
<td>8.5</td>
<td>tan with green stripes</td>
<td>pale orange</td>
<td>7</td>
<td>4</td>
<td>vine</td>
<td>5</td>
<td>8</td>
<td>OP</td>
<td>Uniform fruit with thick flesh; smaller and blockier than Honey Boat; excellent quality</td>
</tr>
<tr>
<td>Blue Magic</td>
<td>Rupp</td>
<td>maxima</td>
<td>hubbard</td>
<td>22</td>
<td>22</td>
<td>light blue-gray</td>
<td>golden-orange</td>
<td>7</td>
<td>7</td>
<td>vine</td>
<td>7</td>
<td>6</td>
<td>F1</td>
<td>Uniform shape; soft rind</td>
</tr>
<tr>
<td>Queensland Blue</td>
<td>Johnny’s</td>
<td>maxima</td>
<td>jarrahdale</td>
<td>18</td>
<td>31</td>
<td>light blue-gray</td>
<td>golden-yellow</td>
<td>7</td>
<td>7</td>
<td>vine</td>
<td>5</td>
<td>4</td>
<td>OP</td>
<td>Pumpkin-shaped, attractive, ribbed fruit; medium-thick flesh</td>
</tr>
<tr>
<td>Black Forest</td>
<td>Johnny’s</td>
<td>maxima</td>
<td>kabocha</td>
<td>12</td>
<td>19</td>
<td>dark green with light stripe</td>
<td>greenish-gold</td>
<td>6</td>
<td>5</td>
<td>vine</td>
<td>4</td>
<td>5</td>
<td>OP</td>
<td>Concentrated set</td>
</tr>
<tr>
<td>Cha Cha</td>
<td>Johnny’s</td>
<td>maxima</td>
<td>kabocha</td>
<td>11</td>
<td>19</td>
<td>dark green with light stripe</td>
<td>deep gold</td>
<td>5</td>
<td>6</td>
<td>vine</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Very thick flesh wall; very good, rich flesh color</td>
</tr>
<tr>
<td>Delica</td>
<td>Takii</td>
<td>maxima</td>
<td>kabocha</td>
<td>11</td>
<td>21</td>
<td>dark green with light stripe</td>
<td>greenish-gold</td>
<td>7</td>
<td>8</td>
<td>vine</td>
<td>7</td>
<td>7</td>
<td>F1</td>
<td>Excellent quality</td>
</tr>
<tr>
<td>Sunshine</td>
<td>Johnny’s</td>
<td>maxima</td>
<td>kabocha</td>
<td>12</td>
<td>18</td>
<td>dark orange</td>
<td>orange</td>
<td>4</td>
<td>8</td>
<td>semi-bush</td>
<td>5</td>
<td>7</td>
<td>F1</td>
<td>Uniform shape but variable size; fair-quality, thick flesh</td>
</tr>
<tr>
<td>Supreme Delight</td>
<td>Sakata</td>
<td>maxima</td>
<td>kabocha</td>
<td>13.5</td>
<td>18</td>
<td>dark green with light stripe</td>
<td>greenish-orange</td>
<td>5</td>
<td>8</td>
<td>vine</td>
<td>4</td>
<td>6</td>
<td>F1</td>
<td>Low yield; dry, good-quality flesh</td>
</tr>
<tr>
<td>Sweet Mama</td>
<td>Takii</td>
<td>maxima</td>
<td>kabocha</td>
<td>14</td>
<td>24</td>
<td>dark green with light stripe</td>
<td>golden-orange</td>
<td>6</td>
<td>7</td>
<td>semi-bush</td>
<td>7</td>
<td>5</td>
<td>F1</td>
<td>Excellent quality; some fruit cracking</td>
</tr>
<tr>
<td>Pasta</td>
<td>Seminis</td>
<td>pepo</td>
<td>spaghetti</td>
<td>7</td>
<td>7</td>
<td>yellow</td>
<td>pale yellow</td>
<td>7</td>
<td>7</td>
<td>vine</td>
<td>3</td>
<td>5</td>
<td>F1</td>
<td></td>
</tr>
</tbody>
</table>

1. Direct seeded May 27 in 60” rows.
2. Scores based on a 1–9 scale with 9 = best or most vigorous.
3. Scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot and powdery mildew.
4. F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.

Variety Observations, 2003
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Vine Type&lt;sup&gt;a&lt;/sup&gt;</th>
<th>Shoulder&lt;sup&gt;a&lt;/sup&gt;</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>Fruit Color</th>
<th>Plant Vigor&lt;sup&gt;b&lt;/sup&gt;</th>
<th>Overall Score&lt;sup&gt;c&lt;/sup&gt;</th>
<th>Flavor&lt;sup&gt;d&lt;/sup&gt;</th>
<th>Yield Efficiency&lt;sup&gt;e&lt;/sup&gt;</th>
<th>Notes&lt;sup&gt;f&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold Nugget</td>
<td>OSU</td>
<td>cherry</td>
<td>early</td>
<td>D</td>
<td>GS</td>
<td>2.5</td>
<td>2.5</td>
<td>yellow-gold</td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>7</td>
<td>PL Extremely productive with very concentrated set; strong tendency for seedless fruit</td>
</tr>
<tr>
<td>Large German</td>
<td>OSU</td>
<td>cherry</td>
<td>early</td>
<td>I</td>
<td>GS</td>
<td>4</td>
<td>5</td>
<td>red</td>
<td>9</td>
<td>5</td>
<td>6</td>
<td>5</td>
<td>F1 Very good flavor, sweet and mildly acid; productive</td>
</tr>
<tr>
<td>Cherry</td>
<td>D. Palmer</td>
<td>cherry</td>
<td>medium early</td>
<td>I</td>
<td>GS</td>
<td>3.5</td>
<td>3.5</td>
<td>red</td>
<td>8</td>
<td>6</td>
<td>5</td>
<td>6</td>
<td>F1 Some splitting</td>
</tr>
<tr>
<td>OR 11</td>
<td>OSU</td>
<td>cherry</td>
<td>very early</td>
<td>D</td>
<td>GS</td>
<td>3.5</td>
<td>3.5</td>
<td>red</td>
<td>4</td>
<td>9</td>
<td>6</td>
<td>7</td>
<td>PL Variable fruit size; small plant with poor foliage cover; grow for extreme earliness</td>
</tr>
<tr>
<td>Oregon Cherry</td>
<td>OSU</td>
<td>cherry</td>
<td>very early</td>
<td>D</td>
<td>GS</td>
<td>3.5</td>
<td>3.5</td>
<td>red</td>
<td>9</td>
<td>6</td>
<td>7</td>
<td>PL Compact plant; early, concentrated yield; good flavor</td>
<td></td>
</tr>
<tr>
<td>Sun Cherry</td>
<td>Johnny’s</td>
<td>cherry</td>
<td>early</td>
<td>I</td>
<td>GS</td>
<td>3</td>
<td>3</td>
<td>red</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>F1 Fruit splits readily when fully ripe; good, sweet, acid flavor</td>
</tr>
<tr>
<td>Sun Gold</td>
<td>Territorial</td>
<td>cherry</td>
<td>early</td>
<td>I</td>
<td>GS</td>
<td>2.5</td>
<td>2.5</td>
<td>orange</td>
<td>8</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>F1 Fruit splits readily when ripe; excellent flavor is sweet and moderately acid</td>
</tr>
<tr>
<td>Sweet Baby Girl</td>
<td>Seminis</td>
<td>cherry</td>
<td>medium early</td>
<td>I</td>
<td>GS</td>
<td>3</td>
<td>3</td>
<td>red</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>F1 Excellent, sweet flavor</td>
</tr>
<tr>
<td>IPB</td>
<td>OSU</td>
<td>large cherry</td>
<td>very early</td>
<td>I</td>
<td>GS</td>
<td>4.5</td>
<td>5</td>
<td>red</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>PL Soft fruit; poor plant cover; grow for extreme earliness</td>
</tr>
<tr>
<td>Remolino</td>
<td>D. Palmer</td>
<td>large cherry</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td>3</td>
<td>3.5</td>
<td>red</td>
<td>7</td>
<td>5</td>
<td>6</td>
<td>5</td>
<td>F1 Short plum shape; very thick wall; few seeds; firm; good leaf cover</td>
</tr>
<tr>
<td>Halley 3155</td>
<td>Orsetti</td>
<td>sauce</td>
<td>medium late</td>
<td>D</td>
<td>UR</td>
<td>7</td>
<td>5</td>
<td>red</td>
<td>5</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>F1 Short plum shape; very thick wall; few seeds; firm; good leaf cover</td>
</tr>
<tr>
<td>Health Kick</td>
<td>Burpee</td>
<td>sauce</td>
<td>medium late</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>4.5</td>
<td>red</td>
<td>6</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>F1 Two locular plum-shaped fruit; firm; good foliage cover</td>
</tr>
<tr>
<td>Hypeel 45</td>
<td>Seminis</td>
<td>sauce</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6</td>
<td>5.5</td>
<td>red</td>
<td>4</td>
<td>7</td>
<td>5</td>
<td>7</td>
<td>F1 Firm, long holding, meaty fruit</td>
</tr>
<tr>
<td>Macero II</td>
<td>Harris Moran</td>
<td>sauce</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>4.5</td>
<td>9</td>
<td>red</td>
<td>3.5</td>
<td>7</td>
<td>3</td>
<td>5</td>
<td>PL Roma type; thick-walled and firm, easy to pick; sunburn</td>
</tr>
<tr>
<td>MiRoma</td>
<td>Osborne</td>
<td>sauce</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>7</td>
<td>6</td>
<td>red</td>
<td>5</td>
<td>7</td>
<td>4</td>
<td>6</td>
<td>F1 Blocky fruit with variable fruit shape; good interior and exterior color; bland flavor</td>
</tr>
</tbody>
</table>

<sup>a</sup>Transplants set out May 23 in 60” rows with 24” between plants.

<sup>b</sup>Vine type: I = indeterminate, D = determinate, SD = semi-determinate.

<sup>c</sup>Shoulder: UR = uniform ripening, GS = green-shouldered.

<sup>d</sup>Scores based on 1–9 scale with 9 = best.

<sup>e</sup>Yield efficiency refers to the ratio of yield to plant size; scores based on 1–9 scale with 9 = best (highest ratio).

<sup>f</sup>F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.

<sup>g</sup>Multilocular tomatoes have more than the usual three or four locules (internal chambers); radial cracking refers to cracks on the shoulder of the fruit that start at the core and are perpendicular to the ground—they often are deep and can seriously affect fruit quality; concentric cracking runs around the fruit parallel to the ground (often just an arc rather than a complete circle) and usually is confined to the surface.
## Tomatoes

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Vine Type(^2)</th>
<th>Shoulder(^3)</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>Fruit Color</th>
<th>Plant Vigor(^4)</th>
<th>Yield Efficiency(^5)</th>
<th>Flavor(^6)</th>
<th>Overall Score(^1)</th>
<th>Cultivar Type(^7)</th>
<th>Notes(^8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monica</td>
<td>Osborne</td>
<td>sauce</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>7.5</td>
<td>6</td>
<td>red</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>5</td>
<td>F1</td>
<td>Very firm fruit with good acid flavor; good foliage cover</td>
</tr>
<tr>
<td>Oroma</td>
<td>OSU</td>
<td>sauce</td>
<td>medium early</td>
<td>D</td>
<td>UR</td>
<td>8.5</td>
<td>4</td>
<td>red</td>
<td>4</td>
<td>8</td>
<td>3</td>
<td>5</td>
<td>PL</td>
<td>Bland flavor; yield not as concentrated as Saucy; classic Roma shape</td>
</tr>
<tr>
<td>Puebla</td>
<td>Harris</td>
<td>sauce</td>
<td>medium late</td>
<td>SD</td>
<td>UR</td>
<td>8</td>
<td>4.5</td>
<td>red</td>
<td>7</td>
<td>8</td>
<td>3</td>
<td>6</td>
<td>F1</td>
<td>Moderately firm; thick wall; good internal color;</td>
</tr>
<tr>
<td>Saucy</td>
<td>OSU</td>
<td>sauce</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6</td>
<td>5</td>
<td>red</td>
<td>4</td>
<td>8</td>
<td>7</td>
<td>6</td>
<td>PL</td>
<td>Concentrated yield of long-keeping, firm fruit; some sunburn</td>
</tr>
<tr>
<td>Super Marzano</td>
<td>Seminis</td>
<td>sauce</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td>10</td>
<td>4</td>
<td>red</td>
<td>8</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td>Sprawling plant; large clusters of smooth, firm, meaty fruit; uneven ripening</td>
</tr>
<tr>
<td>Oregon Pride</td>
<td>OSU</td>
<td>sauce/slicer</td>
<td>early</td>
<td>D</td>
<td>UR</td>
<td>8</td>
<td>7</td>
<td>red</td>
<td>2</td>
<td>8</td>
<td>5</td>
<td>5</td>
<td>PL</td>
<td>Similar to Oregon Star; slightly earlier and slightly smaller; some radial cracking</td>
</tr>
<tr>
<td>Oregon Star</td>
<td>OSU</td>
<td>sauce/slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>9</td>
<td>6</td>
<td>red</td>
<td>3</td>
<td>8</td>
<td>7</td>
<td>8</td>
<td>PL</td>
<td>Large, pear shape; multilocular, firm fruit; long-keeping; strong tendency for seedless fruit</td>
</tr>
<tr>
<td>Acclaim</td>
<td>Osborne</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>8.5</td>
<td>red</td>
<td>3</td>
<td>8</td>
<td>7</td>
<td>5</td>
<td>F1</td>
<td>Deep, smooth, firm, multilocular fruit; good acidic flavor</td>
</tr>
<tr>
<td>Ace 55</td>
<td>Seminis</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>GS</td>
<td>6</td>
<td>8.5</td>
<td>red</td>
<td>6</td>
<td>4</td>
<td>7</td>
<td>6</td>
<td>PL</td>
<td>Solid, meaty fruit; good, sweet, and slightly acid flavor</td>
</tr>
<tr>
<td>Agrisel 761</td>
<td>Agrisales</td>
<td>slicer</td>
<td>medium late</td>
<td>D</td>
<td>GS</td>
<td>7</td>
<td>9</td>
<td>red</td>
<td>5</td>
<td>7</td>
<td>4</td>
<td>5</td>
<td>F1</td>
<td>Nonuniform fruit size</td>
</tr>
<tr>
<td>Better Boy</td>
<td>Harris</td>
<td>slicer</td>
<td>late</td>
<td>I</td>
<td>GS</td>
<td>6.5</td>
<td>9</td>
<td>red</td>
<td>6</td>
<td>4</td>
<td>6</td>
<td>5</td>
<td>F1</td>
<td>Rough fruit with concentric and radial cracking and blossom-end scarring; good flavor for a large tomato</td>
</tr>
<tr>
<td>BHN 216</td>
<td>BHN</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>7</td>
<td>8</td>
<td>red</td>
<td>5</td>
<td>8</td>
<td>3</td>
<td>6</td>
<td>F1</td>
<td>Multilocular fruit with slightly rough shoulders; very firm and meaty; small stem-end scar</td>
</tr>
<tr>
<td>BHN 310</td>
<td>BHN</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>9.5</td>
<td>red</td>
<td>2</td>
<td>8</td>
<td>4</td>
<td>4</td>
<td>F1</td>
<td>Some radial cracking</td>
</tr>
<tr>
<td>BHN 359</td>
<td>BHN</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>8</td>
<td>9.5</td>
<td>red</td>
<td>2</td>
<td>7</td>
<td>4</td>
<td>5</td>
<td>F1</td>
<td>Meaty; firm; some radial cracking</td>
</tr>
<tr>
<td>BHN 361</td>
<td>BHN</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>8</td>
<td>red</td>
<td>4</td>
<td>7</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Meaty; firm; some radial cracking</td>
</tr>
</tbody>
</table>

\(^1\) Transplants set out May 23 in 60” rows with 24” between plants.

\(^2\) Vine type: I = indeterminate, D = determinate, SD = semi-determinate.

\(^3\) Shoulder: UR = uniform ripening, GS = green-shouldered.

\(^4\) Scores based on 1–9 scale with 9 = best.

\(^5\) Yield efficiency refers to the ratio of yield to plant size; scores based on 1–9 scale with 9 = best (highest ratio).

\(^6\) F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.

\(^7\) Multilocular tomatoes have more than the usual three or four locules (internal chambers); radial cracking refers to cracks on the shoulder of the fruit that start at the core and are perpendicular to the ground—they often are deep and can seriously affect fruit quality; concentric cracking runs around the fruit parallel to the ground (often just an arc rather than a complete circle) and usually is confined to the surface.

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**Variety Observations, 2003**

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**Tomatoes**
## Tomatoes

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Vine Type&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Shoulder&lt;sup&gt;3&lt;/sup&gt;</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>Fruit Color</th>
<th>Plant Vigor&lt;sup&gt;4&lt;/sup&gt;</th>
<th>Yield Efficiency&lt;sup&gt;5&lt;/sup&gt;</th>
<th>Flavor&lt;sup&gt;6&lt;/sup&gt;</th>
<th>Overall Score&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Cultivar Type&lt;sup&gt;7&lt;/sup&gt;</th>
<th>Notes&lt;sup&gt;7&lt;/sup&gt;</th>
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</thead>
<tbody>
<tr>
<td>BHN 363</td>
<td>BHN</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>7</td>
<td>9.5</td>
<td>red</td>
<td>4</td>
<td>8</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Very firm with medium-thick walls; concentrated maturity; some radial cracking</td>
</tr>
<tr>
<td>BHN 444</td>
<td>BHN</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>8.5</td>
<td>red</td>
<td>3</td>
<td>8</td>
<td>3</td>
<td>5</td>
<td>F1</td>
<td>Very meaty, multilocular fruit</td>
</tr>
<tr>
<td>Big Beef</td>
<td>Nichols</td>
<td>slicer</td>
<td>medium late</td>
<td>I</td>
<td>GS</td>
<td>6</td>
<td>9</td>
<td>red</td>
<td>8</td>
<td>4</td>
<td>6</td>
<td>4</td>
<td>F1</td>
<td>Firm fruit</td>
</tr>
<tr>
<td>Bobcat</td>
<td>Syngenta</td>
<td>slicer</td>
<td>medium late</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>9.5</td>
<td>red</td>
<td>4</td>
<td>8</td>
<td>4</td>
<td>7</td>
<td>F1</td>
<td>Firm fruit; poor foliage cover</td>
</tr>
<tr>
<td>Brandy Boy</td>
<td>Burpee</td>
<td>slicer</td>
<td>late</td>
<td>I</td>
<td>GS</td>
<td>5.5</td>
<td>10.5</td>
<td>pink</td>
<td>8</td>
<td>3</td>
<td>6</td>
<td>4</td>
<td>F1</td>
<td>Rough, oblate fruit with scarred blossom ends; potato leaf foliage; flavor moderately acidic</td>
</tr>
<tr>
<td>Burpee’s Big Boy</td>
<td>Burpee</td>
<td>slicer</td>
<td>late</td>
<td>I</td>
<td>GS</td>
<td>6</td>
<td>8.5</td>
<td>red</td>
<td>9</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Soft fruit</td>
</tr>
<tr>
<td>Burpee’s Supersteak</td>
<td>Burpee</td>
<td>slicer</td>
<td>medium late</td>
<td>I</td>
<td>UR</td>
<td>7.5</td>
<td>14</td>
<td>red</td>
<td>9</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>F1</td>
<td>Oblate fruit with rough shoulder and sunken stem; some radial cracking; low acidity</td>
</tr>
<tr>
<td>Bush Big Boy</td>
<td>Burpee</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>7.5</td>
<td>9.5</td>
<td>red</td>
<td>4</td>
<td>7</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Very firm, smooth fruit; low acid</td>
</tr>
<tr>
<td>Carmello</td>
<td>Nichols</td>
<td>slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td>6</td>
<td>8</td>
<td>red</td>
<td>7</td>
<td>6</td>
<td>7</td>
<td>4</td>
<td>F1</td>
<td>Some blossom-end scarring; fairly soft fruit; produces over a long season</td>
</tr>
<tr>
<td>Caro Rich</td>
<td>Seeds of Change</td>
<td>slicer</td>
<td>medium late</td>
<td>I</td>
<td>GS</td>
<td>5.5</td>
<td>8</td>
<td>golden-yellow</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>PL</td>
<td>Soft flesh but meaty; sweet with low acid; nice internal color</td>
</tr>
<tr>
<td>Celebrity</td>
<td>Nichols</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>GS</td>
<td>6</td>
<td>9</td>
<td>red</td>
<td>6</td>
<td>5</td>
<td>6</td>
<td>5</td>
<td>F1</td>
<td>Variable fruit size; firm fruit</td>
</tr>
<tr>
<td>Daniela</td>
<td>Johnny’s</td>
<td>slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td>5</td>
<td>7</td>
<td>red</td>
<td>7</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>F1</td>
<td>Firm, smooth fruit</td>
</tr>
<tr>
<td>Double Rich</td>
<td>Seeds of Change</td>
<td>slicer</td>
<td>medium</td>
<td>I</td>
<td>UR</td>
<td>7.5</td>
<td>8</td>
<td>red</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>PL</td>
<td>Rough fruit; variable fruit size and shape; soft with concentric cracking</td>
</tr>
<tr>
<td>DT-03-70</td>
<td>D. Palmer</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>8</td>
<td>red</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>5</td>
<td>F1</td>
<td>Multilocular fruit; some with blossom-end rot; good internal color</td>
</tr>
<tr>
<td>DT-03-71</td>
<td>D. Palmer</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6</td>
<td>9</td>
<td>red</td>
<td>5</td>
<td>7</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Firm, meaty fruit with good internal color; acidic and slightly sweet</td>
</tr>
<tr>
<td>Early Girl</td>
<td>Territorial</td>
<td>slicer</td>
<td>medium early</td>
<td>I</td>
<td>GS</td>
<td>6.5</td>
<td>6.5</td>
<td>red</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>7</td>
<td>F1</td>
<td>Medium-firm fruit with small stem scar; sweet</td>
</tr>
<tr>
<td>Emperador</td>
<td>Harris</td>
<td>slicer</td>
<td>medium late</td>
<td>I</td>
<td>UR</td>
<td>7.5</td>
<td>9</td>
<td>red</td>
<td>5</td>
<td>7</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Soft fruit with many rotting</td>
</tr>
<tr>
<td>Equinox</td>
<td>Agrisales</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6</td>
<td>9</td>
<td>red</td>
<td>4</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>F1</td>
<td>Soft fruit</td>
</tr>
</tbody>
</table>

<sup>1</sup> Transplants set out May 23 in 60" rows with 24" between plants.

<sup>2</sup> Vine type: I = indeterminate, D = determinate, SD = semi-determinate.

<sup>3</sup> Shoulder: UR = uniform ripening, GS = green-shouldered.

<sup>4</sup> Scores based on 1–9 scale with 9 = best.

<sup>5</sup> Yield efficiency refers to the ratio of yield to plant size; scores based on 1–9 scale with 9 = best (highest ratio).

<sup>6</sup> Flavor: 1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.

<sup>7</sup> Multilocular tomatoes have more than the usual three or four locules (internal chambers); radial cracking refers to cracks on the shoulder of the fruit that start at the core and are perpendicular to the ground—they often are deep and can seriously affect fruit quality; concentric cracking runs around the fruit parallel to the ground (often just an arc rather than a complete circle) and usually is confined to the surface.

---

*Variety Observations, 2003*
## Tomatoes

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Vine Type¹</th>
<th>Shoulder²</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>Fruit Color</th>
<th>Plant Vigor³</th>
<th>Yield Efficiency³</th>
<th>Flavor⁴</th>
<th>Overall Score⁵</th>
<th>Cultivar Type⁶</th>
<th>Notes⁷</th>
</tr>
</thead>
<tbody>
<tr>
<td>Esteva</td>
<td>Johnny’s</td>
<td>slicer</td>
<td>medium</td>
<td>I</td>
<td>UR</td>
<td>6</td>
<td>7</td>
<td>red</td>
<td>7</td>
<td>4</td>
<td>6</td>
<td>4</td>
<td>F1</td>
<td>Smooth fruit with thick wall</td>
</tr>
<tr>
<td>Evergreen</td>
<td>Nichols</td>
<td>slicer</td>
<td>late</td>
<td>I</td>
<td>GS</td>
<td>5</td>
<td>9</td>
<td>yellow-green</td>
<td>8</td>
<td>3</td>
<td>7</td>
<td>2</td>
<td>PL</td>
<td>Very rough, deep-lobed, multilocular fruit with blossom-end scarring; soft; acidic</td>
</tr>
<tr>
<td>First Pik</td>
<td>Harris</td>
<td>slicer</td>
<td>medium early</td>
<td>D</td>
<td>GS</td>
<td>5</td>
<td>6.5</td>
<td>red</td>
<td>6</td>
<td>7</td>
<td>4</td>
<td>5</td>
<td>F1</td>
<td>Slightly rough fruit; uneven ripening but good internal color; meaty</td>
</tr>
<tr>
<td>Floralina</td>
<td>Seminis</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>9.5</td>
<td>red</td>
<td>4</td>
<td>6</td>
<td>7</td>
<td>5</td>
<td>F1</td>
<td>Firm fruit; variable size</td>
</tr>
<tr>
<td>Gold Dust</td>
<td>Johnny’s</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
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<td>7.5</td>
<td>orange</td>
<td>3</td>
<td>8</td>
<td>5</td>
<td>5</td>
<td>PL</td>
<td>Soft fruit; good internal color</td>
</tr>
<tr>
<td>Jet Star</td>
<td>Harris Moran</td>
<td>slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td>6.5</td>
<td>7.5</td>
<td>red</td>
<td>6</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td>Medium-firm, smooth fruit; bland flavor; sunburn</td>
</tr>
<tr>
<td>Johnny’s 361</td>
<td>Johnny’s</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>GS</td>
<td>6.5</td>
<td>8.5</td>
<td>red</td>
<td>4</td>
<td>8</td>
<td>3</td>
<td>4</td>
<td>F1</td>
<td>Firm, meaty, multilocular fruit with thick wall; slight radial cracking; bland flavor</td>
</tr>
<tr>
<td>Leading Lady</td>
<td>Sunseeds</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>7.5</td>
<td>8.5</td>
<td>red</td>
<td>3</td>
<td>6</td>
<td>7</td>
<td>3</td>
<td>F1</td>
<td>Some blossom-end rot and scarring; fruit rotting on ground; slight radial cracking; good acid flavor</td>
</tr>
<tr>
<td>Legend</td>
<td>OSU</td>
<td>slicer</td>
<td>early</td>
<td>D</td>
<td>UR</td>
<td>5.5</td>
<td>8</td>
<td>red</td>
<td>4</td>
<td>8</td>
<td>7</td>
<td>8</td>
<td>PL</td>
<td>Concentrated early yield of large fruit; strong tendency for seedless fruit; late blight-resistant</td>
</tr>
<tr>
<td>Lemon Boy</td>
<td>Nichols</td>
<td>slicer</td>
<td>medium late</td>
<td>I</td>
<td>GS</td>
<td>8</td>
<td>7</td>
<td>yellow</td>
<td>8</td>
<td>3</td>
<td>7</td>
<td>5</td>
<td>F1</td>
<td>Slightly rough, three-lobed fruit; oblate to globe; sweet</td>
</tr>
<tr>
<td>Medford</td>
<td>OSU</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6</td>
<td>8</td>
<td>red</td>
<td>6</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>PL</td>
<td>Medium firm fruit; good flavor</td>
</tr>
<tr>
<td>Oregon Spring</td>
<td>OSU</td>
<td>slicer</td>
<td>medium early</td>
<td>D</td>
<td>GS</td>
<td>5.5</td>
<td>8</td>
<td>red</td>
<td>5</td>
<td>7</td>
<td>6</td>
<td>5</td>
<td>PL</td>
<td>Concentrated early yield; strong tendency for seedless fruit; good, meaty texture; some rough fruit and blossom-end scarring</td>
</tr>
<tr>
<td>Pik Red</td>
<td>Harris Moran</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>GS</td>
<td>6.5</td>
<td>9</td>
<td>red</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>5</td>
<td>F1</td>
<td>Firm, meaty, multilocular fruit; variable size; good, acid flavor</td>
</tr>
<tr>
<td>Pink Girl</td>
<td>Harris</td>
<td>slicer</td>
<td>late</td>
<td>I</td>
<td>GS</td>
<td>6</td>
<td>8</td>
<td>pink</td>
<td>8</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>F1</td>
<td>Very soft fruit</td>
</tr>
<tr>
<td>Quali T 23</td>
<td>Osborne</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>7</td>
<td>9</td>
<td>red</td>
<td>4</td>
<td>7</td>
<td>5</td>
<td>6</td>
<td>F1</td>
<td>Uniform fruit of good size</td>
</tr>
<tr>
<td>Quick Pik</td>
<td>Territorial</td>
<td>slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td>6.5</td>
<td>7</td>
<td>red</td>
<td>7</td>
<td>5</td>
<td>7</td>
<td>5</td>
<td>PL</td>
<td>Soft, big clusters; soft, acid flavor; some concentric cracks</td>
</tr>
</tbody>
</table>

¹Transplants set out May 23 in 60” rows with 24” between plants.
²Vine type: I = indeterminate, D = determinate, SD = semi-determinate.
³Shoulder: UR = uniform ripening, GS = green-shouldered.
⁴Scores based on 1–9 scale with 9 = best.
⁵Yield efficiency refers to the ratio of yield to plant size; scores based on 1–9 scale with 9 = best (highest ratio).
⁶F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.
⁷Multilocular tomatoes have more than the usual three or four locules (internal chambers); radial cracking refers to cracks on the shoulder of the fruit that start at the core and are perpendicular to the ground—they often are deep and can seriously affect fruit quality; concentric cracking runs around the fruit parallel to the ground (often just an arc rather than a complete circle) and usually is confined to the surface.
### Tomatoes

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Vine Type</th>
<th>Shoulder</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>Plant Vigor</th>
<th>Flavor</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Sun</td>
<td>Johnny’s</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>8</td>
<td>5</td>
<td>7</td>
<td>6</td>
<td>F1</td>
<td>Firm, meaty, solid; some concentric cracking</td>
</tr>
<tr>
<td>Santiam</td>
<td>OSU</td>
<td>slicer</td>
<td>early</td>
<td>D</td>
<td>GS</td>
<td>5</td>
<td>7</td>
<td>2</td>
<td>9</td>
<td>6</td>
<td>PL</td>
<td>Similar to Oregon Spring; slightly earlier and slightly smaller</td>
</tr>
<tr>
<td>SDT-01-6</td>
<td>D. Palmer</td>
<td>slicer</td>
<td>medium late</td>
<td>SD</td>
<td>UR</td>
<td>6</td>
<td>8</td>
<td>6</td>
<td>5</td>
<td>7</td>
<td>F1</td>
<td>Some radial cracking; meaty; fairly seedless</td>
</tr>
<tr>
<td>SDT-01-7</td>
<td>D. Palmer</td>
<td>slicer</td>
<td>medium late</td>
<td>SD</td>
<td>GS</td>
<td>6</td>
<td>9</td>
<td>6</td>
<td>8</td>
<td>6</td>
<td>F1</td>
<td>Uniform fruit size; some blossom-end rot; acid flavor</td>
</tr>
<tr>
<td>Showgirl</td>
<td>Sunseeds</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>8.5</td>
<td>4</td>
<td>7</td>
<td>6</td>
<td>F1</td>
<td>Slight blossom-end rot; rough shoulders; relatively soft fruit</td>
</tr>
<tr>
<td>Siletz</td>
<td>OSU</td>
<td>slicer</td>
<td>early</td>
<td>D</td>
<td>GS</td>
<td>6</td>
<td>8.5</td>
<td>4</td>
<td>8</td>
<td>6</td>
<td>PL</td>
<td>Similar to Oregon Spring with fewer rough fruit</td>
</tr>
<tr>
<td>Spitfire</td>
<td>Osborne</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6</td>
<td>8.5</td>
<td>4</td>
<td>7</td>
<td>4</td>
<td>F1</td>
<td>Fairly firm fruit; bland flavor</td>
</tr>
<tr>
<td>Springfield</td>
<td>Harris Moran</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>7</td>
<td>8</td>
<td>5</td>
<td>8</td>
<td>5</td>
<td>F1</td>
<td>Deep, smooth, firm fruit; acidic</td>
</tr>
<tr>
<td>Super Tasty</td>
<td>Burpee</td>
<td>slicer</td>
<td>medium late</td>
<td>D</td>
<td>UR</td>
<td>6.5</td>
<td>8</td>
<td>6</td>
<td>7</td>
<td>5</td>
<td>F1</td>
<td>Firm, multilocular fruit; slightly heart-shaped; acidic</td>
</tr>
<tr>
<td>Taxi</td>
<td>Territorial</td>
<td>slicer</td>
<td>medium early</td>
<td>D</td>
<td>UR</td>
<td>5.5</td>
<td>6</td>
<td>3.5</td>
<td>8</td>
<td>4</td>
<td>PL</td>
<td>Deep globe; soft, mushy fruit; parthenocarpic early; bland flavor with low acid; sunburn</td>
</tr>
<tr>
<td>Willamette</td>
<td>OSU</td>
<td>slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6</td>
<td>6.5</td>
<td>4</td>
<td>7</td>
<td>5</td>
<td>PL</td>
<td>Meaty, smooth, solid fruit; mild, low-acid flavor</td>
</tr>
<tr>
<td>Fourth of July</td>
<td>Burpee</td>
<td>small slicer</td>
<td>early</td>
<td>I</td>
<td>GS</td>
<td>4</td>
<td>5</td>
<td>7</td>
<td>5</td>
<td>7</td>
<td>F1</td>
<td>Three locular near-globe shape; soft fruit; smooth; uniform; sweet</td>
</tr>
<tr>
<td>Glacier</td>
<td>Territorial</td>
<td>small slicer</td>
<td>early</td>
<td>I</td>
<td>GS</td>
<td>4</td>
<td>5.5</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>PL</td>
<td>Sprawling plant; soft fruit; maturity fairly concentrated despite indeterminate habit</td>
</tr>
<tr>
<td>Matina</td>
<td>Territorial</td>
<td>small slicer</td>
<td>medium early</td>
<td>I</td>
<td>UR</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>4</td>
<td>7</td>
<td>PL</td>
<td>Potato leaf foliage; soft fruit</td>
</tr>
<tr>
<td>Green Grape</td>
<td>Territorial</td>
<td>heirloom cherry</td>
<td>medium late</td>
<td>D</td>
<td>GS</td>
<td>4</td>
<td>4</td>
<td>yellow-green</td>
<td>8</td>
<td>3</td>
<td>PL</td>
<td>Green flesh; soft; slightly sweet</td>
</tr>
<tr>
<td>Black Plum</td>
<td>Territorial</td>
<td>heirloom sauce</td>
<td>medium early</td>
<td>I</td>
<td>GS</td>
<td>5</td>
<td>4</td>
<td>reddish-brown</td>
<td>7</td>
<td>7</td>
<td>PL</td>
<td>Sprawling plant with open center; nonuniform ripening; rich flavor</td>
</tr>
<tr>
<td>Arkansas Traveler</td>
<td>Seeds of</td>
<td>heirloom slicer</td>
<td>late</td>
<td>I</td>
<td>GS</td>
<td>6</td>
<td>9</td>
<td>pink</td>
<td>9</td>
<td>3</td>
<td>PL</td>
<td>Wild, sprawling plant, open in center; soft fruit rots if touching the ground</td>
</tr>
</tbody>
</table>

1 Transplants set out May 23 in 60" rows with 24" between plants.
2 Vine type: I = indeterminate, D = determinate, SD = semi-determinate.
3 Shoulder: UR = uniform ripening, GS = green-shouldered.
4 Scores based on 1–9 scale with 9 = best.
5 Yield efficiency refers to the ratio of yield to plant size; scores based on 1–9 scale with 9 = best (highest ratio).
6 F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.
7 Multilocular tomatoes have more than the usual three or four locules (internal chambers); radial cracking refers to cracks on the shoulder of the fruit that start at the core and are perpendicular to the ground—they often are deep and can seriously affect fruit quality; concentric cracking runs around the fruit parallel to the ground (often just an arc rather than a complete circle) and usually is confined to the surface.

**Variety Observations, 2003**
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Vine Type²</th>
<th>Shoulder³</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>Fruit Color</th>
<th>Plant Vigor⁴</th>
<th>Yield Efficiency⁵</th>
<th>Flavor⁶</th>
<th>Overall Score⁷</th>
<th>Cultivar Type⁸</th>
<th>Notes¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Territorial</td>
<td>heirloom slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td></td>
<td>4.5</td>
<td>8.5</td>
<td>reddish-purple</td>
<td>7</td>
<td>3</td>
<td>7</td>
<td>3</td>
<td>PL</td>
<td>Rough fruit with blossom-end scarring and severe radial cracking; uneven internal color; good flavor is sweet and mildly acid</td>
</tr>
<tr>
<td>Black Prince Nichols</td>
<td>heirloom slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td></td>
<td>5.5</td>
<td>7</td>
<td>reddish-brown</td>
<td>6</td>
<td>3</td>
<td>8</td>
<td>5</td>
<td>PL</td>
<td>Soft fruit with some concentric cracking; sweet with some acid</td>
</tr>
<tr>
<td>Brandywine Burpee</td>
<td>heirloom slicer</td>
<td>late</td>
<td>I</td>
<td>GS</td>
<td></td>
<td>6</td>
<td>11</td>
<td>pink</td>
<td>8</td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>PL</td>
<td>Multilocular fruit; relatively smooth with some blossom-end scarring and big, solid core; potato leaf foliage</td>
</tr>
<tr>
<td>Brandywine Territorial</td>
<td>heirloom slicer</td>
<td>medium late</td>
<td>I</td>
<td>GS</td>
<td></td>
<td>6</td>
<td>12</td>
<td>pink</td>
<td>8</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>PL</td>
<td>Oblate fruit with severe blossom-end scarring; very meaty interior; early, large size diminishes quickly; bland flavor</td>
</tr>
<tr>
<td>Brandywine Johnny’s</td>
<td>heirloom slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td></td>
<td>6.5</td>
<td>10.5</td>
<td>pink</td>
<td>8</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>PL</td>
<td>Rough fruit with severe blossom-end scarring; very meaty; fruit rotting on ground</td>
</tr>
<tr>
<td>Cherokee Purple</td>
<td>Johnny’s</td>
<td>heirloom slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td>6</td>
<td>8.5</td>
<td>dark pink</td>
<td>6</td>
<td>4</td>
<td>7</td>
<td>3</td>
<td>PL</td>
<td>Firm fruit with some concentric cracking; sun burning</td>
</tr>
<tr>
<td>Costaluto Genovese</td>
<td>Territorial</td>
<td>heirloom slicer</td>
<td>medium early</td>
<td>I</td>
<td>GS</td>
<td>5</td>
<td>8</td>
<td>red</td>
<td>6</td>
<td>6</td>
<td>4</td>
<td>4</td>
<td>PL</td>
<td>Very rough fruit with radial cracking; sun burning; fruit is soft and somewhat hollow</td>
</tr>
<tr>
<td>Manitoba</td>
<td>Territorial</td>
<td>heirloom slicer</td>
<td>medium</td>
<td>D</td>
<td>UR</td>
<td>6</td>
<td>6</td>
<td>red</td>
<td>2</td>
<td>7</td>
<td>5</td>
<td>2</td>
<td>PL</td>
<td>Soft fruit; sun burning</td>
</tr>
<tr>
<td>Mortgage Lifter Nichols</td>
<td>heirloom slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td></td>
<td>5.5</td>
<td>10</td>
<td>pink</td>
<td>8</td>
<td>3</td>
<td>6</td>
<td>2</td>
<td>PL</td>
<td>Rough, oblate fruit with blossom-end scarring and deep shoulders; soft; rot on ground; good, acidic flavor</td>
</tr>
<tr>
<td>Persimmon</td>
<td>Territorial</td>
<td>heirloom slicer</td>
<td>medium late</td>
<td>I</td>
<td>GS</td>
<td>7</td>
<td>9</td>
<td>yellow-orange</td>
<td>7</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>PL</td>
<td>Radial cracking; meaty interior; low acid</td>
</tr>
<tr>
<td>Prudens Purple</td>
<td>Johnny’s</td>
<td>heirloom slicer</td>
<td>medium late</td>
<td>I</td>
<td>GS</td>
<td>6.5</td>
<td>9.5</td>
<td>dark pink</td>
<td>7</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>PL</td>
<td>Sprawling plant; rough fruit with cracking and blossom-end scarring; meaty; low acid</td>
</tr>
<tr>
<td>Purple Calabash</td>
<td>Territorial</td>
<td>heirloom slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td>3</td>
<td>8.5</td>
<td>pink</td>
<td>9</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>PL</td>
<td>Sprawling plant with exposed fruit; severe blossom-end scarring; murky pink interior with dark pulp; acid flavor</td>
</tr>
<tr>
<td>Tiger-Like</td>
<td>Territorial</td>
<td>heirloom slicer</td>
<td>medium early</td>
<td>I</td>
<td>UR</td>
<td>4</td>
<td>4.5</td>
<td>red with yellow stripes</td>
<td>7</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>PL</td>
<td>Sprawling plant, open at center; soft fruit</td>
</tr>
</tbody>
</table>

¹Transplants set out May 23 in 60" rows with 24" between plants.
²Vine type: I = indeterminate, D = determinate, SD = semi-determinate.
³Shoulder: UR = uniform ripening, GS = green-shouldered.
⁴Scores based on 1–9 scale with 9 = best.
⁵Yield efficiency refers to the ratio of yield to plant size; scores based on 1–9 scale with 9 = best (highest ratio).
⁶F₁ = F₁ hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.
⁷Multilocular tomatoes have more than the usual three or four locules (internal chambers); radial cracking refers to cracks on the shoulder of the fruit that start at the core and are perpendicular to the ground—they often are deep and can seriously affect fruit quality; concentric cracking runs around the fruit parallel to the ground (often just an arc rather than a complete circle) and usually is confined to the surface.

Variety Observations, 2003
<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Type</th>
<th>Maturity</th>
<th>Vine Type</th>
<th>Shoulder</th>
<th>Fruit Height (cm)</th>
<th>Fruit Width (cm)</th>
<th>Fruit Color</th>
<th>Plant Vigor</th>
<th>Yield Efficiency</th>
<th>Flavor</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Brandywine</td>
<td>Johnny’s heirloom</td>
<td>slicer</td>
<td>late</td>
<td>I</td>
<td>GS</td>
<td>6</td>
<td>10</td>
<td>orange</td>
<td>9</td>
<td>3</td>
<td>7</td>
<td>3 PL</td>
<td></td>
<td>Very oblate multilocular fruit with severe blossom-end scarring; unique flavor is rich and acidic; potato leaf foliage; fruit rots on ground</td>
</tr>
<tr>
<td>Principe Borghese</td>
<td>Johnny’s heirloom</td>
<td>small sauce</td>
<td>medium</td>
<td>D</td>
<td>GS</td>
<td>3.5</td>
<td>3</td>
<td>red</td>
<td>3</td>
<td>9</td>
<td>3</td>
<td>4 PL</td>
<td></td>
<td>Very high yield for plant size</td>
</tr>
<tr>
<td>Schimmeig</td>
<td>Territorial</td>
<td>heirloom stuffer</td>
<td>late</td>
<td>I</td>
<td>GS</td>
<td>5.5</td>
<td>8</td>
<td>red with yellow stripes</td>
<td>8</td>
<td>7</td>
<td>5</td>
<td>5 PL</td>
<td></td>
<td>Immature fruit is green-striped; fruit is bell pepper-shaped and hollow</td>
</tr>
<tr>
<td>Peron Sprayless</td>
<td>Territorial</td>
<td>heirloom slicer</td>
<td>medium late</td>
<td>I</td>
<td>GS</td>
<td>6</td>
<td>8.5</td>
<td>red</td>
<td>7</td>
<td>3</td>
<td>4</td>
<td>3 PL</td>
<td></td>
<td>Soft fruit seems to rot on the ground as it ripens; oblate; variable size; low acid</td>
</tr>
<tr>
<td>Seattle’s Best of All</td>
<td>Territorial</td>
<td>heirloom small slicer</td>
<td>medium</td>
<td>I</td>
<td>GS</td>
<td>5.5</td>
<td>5.5</td>
<td>red</td>
<td>8</td>
<td>5</td>
<td>6</td>
<td>4 PL</td>
<td></td>
<td>Sprawling, open plant; soft fruit with good, acidic flavor</td>
</tr>
</tbody>
</table>

1Transplants set out May 23 in 60” rows with 24” between plants.

2Vine type: I = indeterminate, D = determinate, SD = semi-determinate.

3Shoulder: UR = uniform ripening, GS = green-shouldered.

4Scores based on 1–9 scale with 9 = best.

5Yield efficiency refers to the ratio of yield to plant size; scores based on 1–9 scale with 9 = best (highest ratio).

6F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.

7Multilocular tomatoes have more than the usual three or four locules (internal chambers); radial cracking refers to cracks on the shoulder of the fruit that start at the core and are perpendicular to the ground—they often are deep and can seriously affect fruit quality; concentric cracking runs around the fruit parallel to the ground (often just an arc rather than a complete circle) and usually is confined to the surface.

Variety Observations, 2003
## Watermelons

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Flesh Color</th>
<th>Rind Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Rind Thickness (cm)</th>
<th>Disease²</th>
<th>Yield³</th>
<th>Seed Color</th>
<th>Brix⁴</th>
<th>Overall Score</th>
<th>Cultivar Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afternoon Delight</td>
<td>D. Palmer</td>
<td>pale red</td>
<td>dark green/light stripe</td>
<td>23.5</td>
<td>21.5</td>
<td>1.5</td>
<td>6</td>
<td>3</td>
<td>black</td>
<td>10.8</td>
<td>4</td>
<td>F1</td>
<td>Poor flavor</td>
</tr>
<tr>
<td>Butterball</td>
<td>D. Palmer</td>
<td>pale yellow</td>
<td>dark green/thick light stripe</td>
<td>22</td>
<td>23</td>
<td>1.5</td>
<td>4</td>
<td>4</td>
<td>seedless</td>
<td>11.4</td>
<td>4</td>
<td>F1</td>
<td></td>
</tr>
<tr>
<td>Compade</td>
<td>D. Palmer</td>
<td>dark pink</td>
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<td>dark green</td>
<td>27.5</td>
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<td>seedless</td>
<td>11.4</td>
<td>6</td>
<td>F1</td>
<td>Internal cavities; fair flavor</td>
</tr>
<tr>
<td>Crimson Delight</td>
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<td>23.5</td>
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<td>F1</td>
<td>Flesh developing cavities early</td>
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<td>Hazera</td>
<td>pink</td>
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<td>31</td>
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<td>11.8</td>
<td>6</td>
<td>F1</td>
<td>Vigorous vines; good, sweet flavor</td>
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<tr>
<td>Freedom</td>
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<td>Some interior cracking; good flavor</td>
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<td>HA 5003</td>
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<td>7</td>
<td>F1</td>
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<td>Firm flesh; good flavor</td>
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<td>Firm, fine-textured flesh; very good flesh color</td>
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<tr>
<td>HA 6008</td>
<td>Hazera</td>
<td>dark red</td>
<td>dark green/light stripe</td>
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<td>4</td>
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<td>6</td>
<td>F1</td>
<td>Attractive fruit with good flavor</td>
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<td>2</td>
<td>7</td>
<td>seedless</td>
<td>12.2</td>
<td>4</td>
<td>F1</td>
<td>Very late; vigorous vines</td>
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<td>Syngenta</td>
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<td>Bland flavor</td>
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<td>Good flavor</td>
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<td>Harris Moran</td>
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<td>20</td>
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<td>Montreal</td>
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<td>salmon-pink</td>
<td>glossy dark green/thin stripe</td>
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<td>Revolution</td>
<td>Sunseeds</td>
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<td>6</td>
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<td>11.8</td>
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<td>F1</td>
<td>Fair flavor</td>
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<td>Takii</td>
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<td>brown</td>
<td>11.8</td>
<td>4</td>
<td>F1</td>
<td></td>
</tr>
</tbody>
</table>

1Direct seeded June 4 with 60" row spacing.
2Disease scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot and fusarium wilt.
3Scores based on a 1–9 scale with 9 = best.
4Brix = percent soluble solids (a measure of sweetness; higher numbers indicate sweeter fruit).
5F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.
# Watermelons

<table>
<thead>
<tr>
<th>Variety</th>
<th>Source</th>
<th>Flesh Color</th>
<th>Rind Color</th>
<th>Fruit Length (cm)</th>
<th>Fruit Width (cm)</th>
<th>Rind Thickness (cm)</th>
<th>Disease²</th>
<th>Seed Color</th>
<th>Brix¹</th>
<th>Overall Score¹</th>
<th>Cultivar Type⁵</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Sorbet Swirl</td>
<td>Johnny’s</td>
<td>yellow-pink</td>
<td>dark green/broad stripe</td>
<td>25.5</td>
<td>24</td>
<td>0.8</td>
<td>7</td>
<td>black</td>
<td>11.0</td>
<td>3</td>
<td>F1</td>
<td>Fruit cracks and splits; fair flavor</td>
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<tr>
<td>Stars 'N Stripes</td>
<td>Seminis</td>
<td>dark pink</td>
<td>dark green/light stripe</td>
<td>41</td>
<td>21.5</td>
<td>1.6</td>
<td>3</td>
<td>black</td>
<td>10.8</td>
<td>7</td>
<td>F1</td>
<td>Good flavor</td>
</tr>
<tr>
<td>Sugar Baby</td>
<td>Rupp</td>
<td>red-orange</td>
<td>dark green</td>
<td>21</td>
<td>19</td>
<td>1.4</td>
<td>8</td>
<td>brown</td>
<td>9.0</td>
<td>2</td>
<td>OP</td>
<td>Poor flavor; vine dead</td>
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<tr>
<td>Sweet Beauty</td>
<td>Known-You</td>
<td>orange-red</td>
<td>medium green/light stripe</td>
<td>26</td>
<td>17</td>
<td>1.0</td>
<td>7</td>
<td>black</td>
<td>12.2</td>
<td>5</td>
<td>F1</td>
<td>Interior cracking; odd, tomato-like flavor</td>
</tr>
<tr>
<td>Sweet Diane</td>
<td>Nichols</td>
<td>orange-pink</td>
<td>dark green/broad stripe</td>
<td>27</td>
<td>23.5</td>
<td>1.5</td>
<td>6</td>
<td>brown</td>
<td>10.0</td>
<td>7</td>
<td>F1</td>
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</tr>
<tr>
<td>Sweet Eat 'N</td>
<td>D. Palmer</td>
<td>orange-pink</td>
<td>dark green/light stripe</td>
<td>23</td>
<td>20.5</td>
<td>1.9</td>
<td>6</td>
<td>seedless</td>
<td>12.0</td>
<td>6</td>
<td>F1</td>
<td>Good sweet flavor</td>
</tr>
<tr>
<td>Tiger Baby</td>
<td>Seminis</td>
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<td>dark green/broad stripes</td>
<td>21</td>
<td>20</td>
<td>1.5</td>
<td>3</td>
<td>brown</td>
<td>11.2</td>
<td>5</td>
<td>F1</td>
<td>Some sweet flavor</td>
</tr>
<tr>
<td>Treasure Chest</td>
<td>Rupp</td>
<td>pale yellow</td>
<td>dark green/light stripe</td>
<td>18</td>
<td>19.5</td>
<td>1.3</td>
<td>4</td>
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<td>10.0</td>
<td>5</td>
<td>F1</td>
<td>Bland flavor</td>
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<tr>
<td>Triple Crown</td>
<td>Rupp</td>
<td>dark pink</td>
<td>medium green/light stripe</td>
<td>26</td>
<td>22</td>
<td>1.5</td>
<td>4</td>
<td>seedless</td>
<td>10.2</td>
<td>7</td>
<td>F1</td>
<td>Good flavor; solid interior</td>
</tr>
<tr>
<td>Triple Prize</td>
<td>Rupp</td>
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<td>medium green/light stripe</td>
<td>24</td>
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<td>F1</td>
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<td>Valdoria</td>
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<td>1.2</td>
<td>8</td>
<td>seedless</td>
<td>9.2</td>
<td>3</td>
<td>F1</td>
<td>Vines dead; sunburned tomato-like flavor</td>
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<td>D. Palmer</td>
<td>yellow</td>
<td>dark green/light stripe</td>
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<td>seedless</td>
<td>11.2</td>
<td>3</td>
<td>F1</td>
<td>Hollow cavity; poor flavor</td>
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<tr>
<td>Yellow Doll</td>
<td>Nichols</td>
<td>bright yellow</td>
<td>dark green/broad stripe</td>
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<td>16</td>
<td>0.8</td>
<td>2</td>
<td>black</td>
<td>10.0</td>
<td>7</td>
<td>F1</td>
<td>Vigorous plant; mild flavor</td>
</tr>
</tbody>
</table>

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³Scores based on a 1–9 scale with 9 = best.
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