

Vegetable Variety Trials 2005

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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, with 30 inches between rows, and received about 450 lb/acre (about 10 lb/1,000 ft²) of 12-29-10-4 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 oregonstate.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 oregonstate.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 extension.oregonstate.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.

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Sources of Varieties

- *Abbott and Cobb, Inc., PO Box 307, Feasterville, PA 19053-0307, 800-345-7333
- Alberta Nurseries & Seeds, Box 20, Bowden, Alberta, Canada, 403-224-3544; www.gardenersweb.ca
- All America Selections, 1311 Butterfield Road, Suite 310, Downers Grove, IL 60515-5625; www.all-americaselections.org
- Appalachian Seeds, PO Box 248, Flat Rock, NC 28731; www.appalachianseeds.com
- *Bejo Seeds, 1972 Silver Spur Place, Oceanside, CA 93445, 805-473-2199; www.bejoseeds.com
- BHN Research, 16750 Bonita Beach Road, Bonita Springs, FL 34135, 800-606-0163
- Burpee (W. Atlee) Company, 300 Park Avenue, Warminster, PA 18991, 800-888-1447; www.burpee.com
- *Crookham Company, PO Box 520, Caldwell, ID 83606
- *Danson Seed Company, 10851 Woodbine Street, Los Angeles, CA 90034, 310-838-7675; www.dansonseed.com
- *D. Palmer Seed Co. Inc., 8269 South Highway 95, Yuma, AZ 85365, 928-341-8494; www.dpalmersseed.com
- *Harris Moran Seed Co., PO Box 4938, Modesto, CA 95352-4938, 209-579-7333; www.harrismoran.com
- Harris Seed, PO Box 24966, 355 Paul Road, Rochester, NY 14624-0966, 800-514-4441; www.harrisseed.com
- *Hazera Quality Seeds, 1369 East Avenue, Chico, CA 95926, 530-894-7346
- Henry Field's Seed & Nursery, PO Box 397, Aurora, IN 47001-0397, 513-354-1494; www.henryfields.com
- *Hollar Seeds, PO Box 106, Rocky Ford, CO 81067, 719-254-7411; www.hollarseeds.com
- Johnny's Selected Seeds, 955 Benton Avenue, Winslow, ME 04901-2601, 207-861-3901; www.johnnyseeds.com
- Nichols Garden Nursery, 1190 Old Santiam Road NE, Albany, OR 97321, 800-422-3985; www.nicholsgardennursery.com
- New Dimensions Seed, PO Box 1294, Scappoose, OR 97056, 503-577-9382; www.newdimensionseed.com
- New Mexico State University, Department of Agronomy & Horticulture, PO Box 30, Las Cruces, NM 88003, 505-646-3405

- *Nunhems Seed Company, 1200 Anderson Corner Road, Parma, ID 83660, 800-733-9505; www.sunseeds.com
- Oregon State University, J. R. Myers, Department of Horticulture, ALS 4017, Corvallis, OR 97331-7304, 541-737-3083; myersja@science.oregonstate.edu
- *Orsetti Seed Company Inc., 2301 Technology Parkway, PO Box 2350, Hollister, CA 95024-2350, 831-636-4822; www.orsettiseeds.com
- *Osborne International Seed Co., 2428 Old Highway 99 South, Mount Vernon, WA 98273, 360-424-7333; www.osborneseed.com
- *PanAmerican Seed @ Ball Horticultural Company, 622 Town Road, West Chicago, IL 60185, 630-231-1400; www.panamseed.com
- Park's Seed, 1 Parkton Ave., Greenwood, SC 29647-0001, 800-845-3369; www.parkseed.com
- Pinetree Garden Seeds, Box 300, New Gloucester, ME 04260, 207-926-3400; www.superseeds.com
- *Rogers Seed Company, a division of Syngenta, PO Box 4188, Boise, ID 83711-4188; www.rogersadvantage.com
- *Rupp Seeds, Inc., 17919 County Road B, Wauseon, OH 43567-9458, 800-700-1199; www.ruppseeds.com
- *Sakata Seed America, Inc., 18095 Serene Road, Morgan Hill, CA 95037, 408-778-7758; www.sakata.com
- Seeds of Change, PO Box 15700, Santa Fe, NM 87592-1500, 888-762-7333; www.seedsofchange.com
- Seed Savers Exchange, 3094 North Winn Road, Decorah, IA 52101, 563-382-5990; www.seedsavers.org
- *Seminis Vegetable Seeds, 2700 Camino Del Sol, Oxnard, CA 93030-7967, 805-647-1572; www.seminis.com
- Siegers Seed Co., 13031 Reflections Dr., Holland, MI 49424-7217, 800-962-4999; www.siegers.com
- Stokes Seeds, PO Box 548, Buffalo, NY 14240-0548, 716-695-6980; www.stokeseeds.com
- *Sunseeds, a division of Nunhems, 1200 Anderson Corner Road, Parma, ID 83660, 800-733-9505; www.sunseeds.com
- *Syngenta Seeds, Inc., PO Box 4188, Boise, ID 83711-4188, 208-322-7272; www.syngenta.com
- *Takii @American Takii, 301 Natividad Rd., Salinas, CA 93906, 831-443-4901; www.takii.com
- Territorial Seed Company, PO Box 158, Cottage Grove, OR 97424-0061, 800-626-0866; www.territorial-seed.com
- Texas A&M University, Leonard Pike, Department of Horticultural Sciences, College Station TX 77843, 979-845-7012; l-pike@tamu.edu
- Tomato Growers Supply Company, PO Box 60015, Fort Myers, FL 33906, 888-478-7333; www.tomatogrowers.com
- Victory Seed, PO Box 192, Molalla, OR 97038, 503-829-3126; www.victoryseeds.com
- Wild Garden Seed, PO Box 1509, Philomath, OR 97370, 541-929-4068; www.wildgardenseed.com

*Wholesale 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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Revised March 2005. Revised March 2006.

Beets¹

Variety	Source	Color	Color Uniformity ²	Root Length (cm)	Root Width (cm)	Shape	Disease ³	Top Vigor ²	Neck ⁴	Overall Score ²	Cultivar Type ⁵	Notes ⁶
Albina Verduna	Territorial	white	9	17.0	9.0	long taper	7	9	1	3	OP	Very sweet with astringent after-taste; severe powdery mildew
Blankoma	Territorial	white	8	8.0	7.2	round to slightly conical	3	5	5	7	OP	Pinkish tinge to flesh
Bull's Blood	Johnny's	dark red	2	9.0	9.8	tapered	2	7	6	7	OP	Hairy roots; powdery mildew
Centurion	Osborne	dark red	8	7.5	7.7	round	3	6	6	6	F1	Skin above ground is rough and netted
Chioggia	Territorial	red	1	9.5	11.5	oblate	3	7	7	4	OP	Novelty beet with striking red/white zoning; many are rough or misshaped
Cylindra	Nichols	dark red	8	17.5	3.7	cylindrical	7	3	7	7	OP	Strap-like leaves
Cyndor	Territorial	dark red	7	20.0	6.5	cylindrical	3	6	8	6	OP	Curved roots
Detroit Dark Red	Harris	dark red	7	5.5	8.0	round	7	4	5	5	OP	Some variability
Forono	Johnny's	dark red	5	13.0	5.3	cylindrical	6	5	3	5	OP	
Golden	Territorial	yellow orange	7	5.5	6.9	slightly oblate	5	3	3	7	OP	Orange skin with yellow-gold interior
Lutz Green Leaf	Territorial	dark red	2	6.0	7.1	oblate to tapered	4	9	8	3	OP	Dual purpose for both roots and leaves; zoning
Lutz Winter Keeper	Nichols	dark red	4	12.0	9.0	tapered cone	3	9	9	5	OP	Dual purpose for both roots and leaves; roots are rough, hairy, pitted
Moneta	Johnny's	dark red	7	6.5	9.0	oblate	7	4	4	4	F1	Severe pitting
Pablo	Bejo	dark red	4	6.2	6.4	round	5	4	2	5	F1	Some pitting
Pronto	Bejo	dark red	5	5.3	6.5	oblate	3	3	5	3	OP	Pitting
Red Cloud	Bejo	dark red	7	5.3	6.4	slightly oblate	5	6	4	7	F1	Uniform; smooth
Rocket	Bejo	dark red	7	12.5	3.9	cylindrical	3	2	7	5	F1	Cylindrical; very dark color; long strap leaves
Ruby Queen	Alberta	dark red	7	7.3	8.0	round	3	5	5	7	OP	Slight pitting

¹Direct seeded June 14.

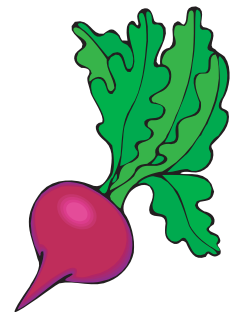
²Scores based on a 1–9 scale with 9 = best.

³Scores based on a 1–9 scale with 9 = most severe; disease present is *Cercospora* leaf spot.

⁴Scores based on a 1–9 scale with 9 = large, thick neck.

⁵F1 = F1 hybrid: the direct result of a cross between two genetically different parents (usually inbred lines)—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.

⁶Pitting refers to indented spots on root surface, caused by boron deficiency but a problem in some varieties and not others; zoning refers to rings of different (usually lighter) color in roots.



Beets¹

Variety	Source	Color	Color Uniformity ²	Root Length (cm)	Root Width (cm)	Shape	Disease ³	Top Vigor ²	Neck ⁴	Overall Score ²	Cultivar Type ⁵	Notes ⁶
Scarlet Supreme Tall Top	Nichols	dark red	5	6.5	8.0	oblate	5	4	7	6	F1	
Warrior	Harris	dark red	6	6.5	8.2	round to oblate	6	6	5	6	F1	Some pitting
White	Johnny's	white	4	6.5	8.5	slightly oblate	3	7	9	5	OP	Color varies from white to pink; powdery mildew
Yellow Intermediate Mangel	Seeds of Change	orange skin/cream interior	1	17.5	8.3	tapered cone	1	8	9	5	OP	Cracking

¹Direct seeded June 14.

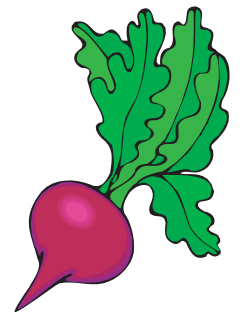
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Broccoli¹

Variety	Source	Maturity	Plant Height (cm)	Head Diameter (cm)	Head Shape ²	Head Color ³	Bead Size ⁴	Stem Color ³	Head Exsertion ⁵	Head Segmentation ⁶	Plot Uniformity ⁷	Branching ⁸	Overall Score ⁹	Cultivar Type ¹⁰	Notes ¹¹
Alborada	Bejo	medium	57	16	7	4	fine	4	3	1	7	1	4	F1	Compact, dense heads
Arcadia	Sakata	medium	87	19	7	5	medium	5	5	5	5	3	5	F1	Large heads
Calabrese	Nichols	medium	80	6	3	5	coarse	5	3–7	1	1	9	1	OP	Loose heads; variable maturity
Centura	Rogers	medium	67	13	6	5	medium	3	1	1	7	1	3	F1	Very short stalk; variable bead development
Concord	Rogers	medium	72	16	7	3	medium	3	1	5	7	1	4	F1	
Coronado Crown	Seminis	medium	66	19	6	5	medium	5	5	5	7	3	1	F1	Very similar to Arcadia
DeCiccio	Seeds of Change	medium	90	6	3	5	coarse	5	3	1	1	9	1	OP	Loose heads; variable maturity
Denali	Orsetti	medium early	60	17	6	6	fine	5	4	5	6	6	6	F1	Sweet
General	Osborne	medium early	50	16	5	4	medium	5	4	5	7	3	4	F1	Poor color; necrotic beads make unattractive heads
Greenbelt	Rupp	medium	69	18	5	3	medium	3	3	2	5	3	4	F1	
Gypsy	Sakata	medium early	75	15	6	7	medium	2	2	4	8	3	7	F1	
Hallmark	Bejo	late	85	14	6	5	very fine	3	1	3	5	1	5	F1	Cauliflower-like leaves and growth habit (nonbranching); very dense heads are susceptible to head rot
Heritage	Seminis	medium	70	14	6	4	fine	3	1	3	7	1	3	F1	

¹Direct seeded July 1.

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 and stem; 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.

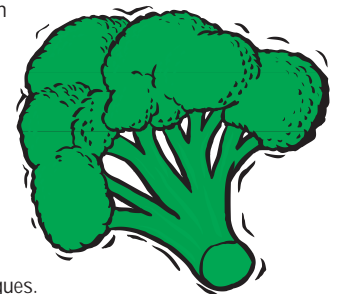
⁷Scores based on a 1–9 scale with 9 = most uniform.

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.

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¹¹Romanesco type broccoli is characterized by having beads arranged in pointed, spiraled clusters, and a mild nutty taste. These varieties are sometimes listed with cauliflower in seed catalogues.



Broccoli¹

Variety	Source	Maturity	Plant Height (cm)	Head Diameter (cm)	Head Shape ²	Head Color ³	Bead Size ⁴	Stem Color ³	Head Exsertion ⁵	Head Segmentation ⁶	Plot Uniformity ⁷	Branching ⁸	Overall Score ⁹	Cultivar Type ¹⁰	Notes ¹¹
Laguna	Osborne	medium early	65	17	6	6	fine	5	2	5	3	3	6	F1	
Liberty	Territorial	medium	67	16	5	5	medium	5	1	1	7	1	5	F1	
Minaret	Territorial	late	75	14	9	lime green	very fine	1	1	9	5	1	7	F1	Romanesco type with cauliflower-like leaves
Monaco	Rogers	medium	72	14	7	4	fine	3	3	4	3	1	3	F1	
Monterey	Sakata	medium	76	17	6	5	medium fine	5	5	3	5	3	6	F1	Similar to Arcadia
Packman	Nichols	early	60	16	4	6	medium	7	3	3	7	4	6	F1	
Purple Peacock	Wild Garden Seed	variable	80	4	6	purple	medium	purple	3	7	1	3	2	OP	Highly variable maturity
Revolution	Seminis	medium	59	16	5	4	fine	4	3	2	7	1	3	F1	Very dense heads; florets remain firm long after head is past prime maturity; very mild flavor
Rosalind	Territorial	medium late	76	14	6	purple	very fine	3	1	4	5	3	5	OP	Novelty purple broccoli with cauliflower-like leaves and growth habit (nonbranching); pleasant flavor
Sultan	Sakata	medium	60	13	6	7	medium	2	3	6	4	1	5	F1	Mild, pleasant flavor

¹Direct seeded July 1.

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 and stem; 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.

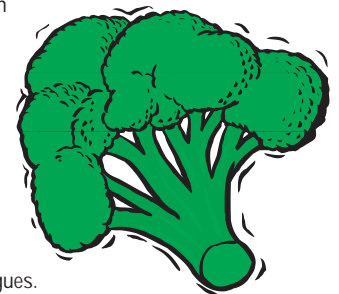
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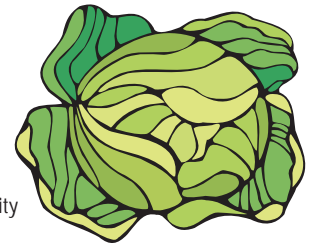
Cabbage¹

Variety	Source	Type	Maturity	Head Height (cm)	Head Width (cm)	Core Length (cm)	External Color	Internal Color	Head Density ²	Uniformity ²	Overall Score ²	Cultivar Type ³	Notes
Artost	Bejo	fresh market	medium	20.0	22.5	9.0	light green	cream	7	7	7	F1	Pleasant, sweet flavor
Cambria	Osborne	fresh market	medium late	19.5	19.5	9.5	blue-green	cream	9	9	9	F1	
Capricorn	Territorial	fresh market	early	27.0	15.0	8.0	light green	white	4	4	5	F1	Mild, sweet flavor
Discovery	Seminis	fresh market	early	15.0	16.5	7.0	green	white	6	5	5	F1	Mild, sweet flavor
Early Jersey Wakefield	Seeds of Change	fresh market	variable	24.5	14.5	12.0	green	cream	3	3	3	OP	Good flavor
Fast Vantage	Sakata	fresh market	early	18.0	19.0	8.5	green	white	8	7	8	F1	Good, slightly sharp flavor
Golden Cross	Takii	fresh market	early	15.0	17.0	7.0	green	white	8	4	5	F1	Mild flavor; not sweet
Gonzales	Territorial	fresh market	medium early	15.0	14.0	5.0	green	white	8	8	8	F1	Crisp texture with good, sweet, mild flavor
Grenadier	Rogers	fresh market	medium	18.0	22.0	8.0	light green	white	6	8	7	F1	Mild, sweet flavor
Morris	Bejo	fresh market	medium late	16.0	21.5	8.0	blue-green	yellow green	6	5	5	F1	Spicy flavor
Quisto	Rogers	fresh market	late	19.0	22.5	12.0	blue-green	cream	9	7	7	F1	Mild flavor
Red Rookie	Sakata	fresh market	medium late	15.0	19.0	9.0	blue-green	red purple	5	7	5	F1	Mild flavor; not sweet
Ruby King	Takii	fresh market	medium late	17.0	22.5	10.5	light purple	red purple	6	7	8	F1	Mild, sweet flavor
Surprise	Osborne	fresh market	early	15.0	18.0	5.0	blue-green	white	7	5	7	F1	Some multiple-headed plants
Tendersweet	Johnny's	fresh market	medium	13.0	22.5	8.0	green	yellow green	5	4	6	F1	Medium-size flat heads; crisp texture; mild, sweet flavor
Alcosa	Johnny's	savoy	medium	16.5	15.0	6.0	green	white	3	4	4	F1	Strong flavor
Kilosa	Bejo	savoy	medium	18.0	18.0	10.0	light green	cream	6	7	5	F1	Sharp flavor
Savoy Ace	Takii	savoy	medium	17.0	20.0	9.0	dark green	yellow green	3	5	7	F1	Good flavor
Savoy Express	Seminis	savoy	early	16.0	17.0	9.0	green	white	3	7	6	F1	Strong flavor
Danish Ballhead	Territorial	storage	late	19.0	19.5	12.5	blue-green	cream	5	7	3	OP	Strong, sharp flavor
Stein's Late Flat Dutch	Territorial	storage	late	18.0	27.0	6.0	yellow green	white	3	5	5	OP	

¹Direct seeded July 1.

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

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Carrots¹

Variety	Source	Type ²	Color	Length (cm)	Width (cm)	Top Vigor ³	Cracking/ Defects ⁴	Crown	Bolting ⁵	Overall Score ³	Cultivar Type ⁶	Notes ⁷
Chantenay #1	Nichols	Chantenay	orange	12.5	4.6	8	2	convex; light color	5–10%	6	F1	Huge core but uniform color; mild flavor; some sweet
Red Core Chantenay	Seeds of Change	Chantenay	orange	12.5	4.1	8	2	convex; good color	0%	6	OP	Large core but uniform color; very mild flavor; not sweet
Nutri-Red	Territorial	Danvers	red-orange	17.5	3.2	1	3	square; not as red as rest of root	0%	2	OP	Rough; hairy roots; medium size, dark-colored core; poor flavor
White Satin	Nichols	Danvers	white	21	3.7	7	2	convex; good color	0%	7	OP	Medium-size core with uniform color; mild flavor, some sweet
Parmex	Bejo	French forcing	orange	5.5	4.2	6	2	convex; slight green	10–20%	6	OP	Flavor good—strong but not bitter
Thumbelina	Territorial	French forcing	light orange	6.8	4.5	3	3	square; wide with multiple branches; good color	10–20%	3	OP	Large, light-colored core; strong, bitter flavor; not as uniform as Parmex
Arrowhead	Sakata	Imperator	orange	26	2.3	6	9	extremely convex; excellent color	0%	5	F1	Large core but uniform color; mild flavor
Six Shooter	Harris Moran	Imperator	orange	21	3.1	5	2	convex; good color	0%	7	F1	Good flavor; small core
Topcut	Sunseeds	Imperator	orange	30	2.2	7	2	very convex	0%	8	F1	Uniform; attractive; small core; mild flavor
Trinity	Sakata	Imperator	orange	28	3.5	5	3	convex; good color	0%	5	F1	Uniform; medium-large core with uniform color; strong, slightly bitter flavor
Yellowstone	Territorial	Imperator	yellow	18	3.9	6	4	convex; green	5–10%	5	OP	Large, green core; slightly bitter but bland flavor; some Aster yellows
Kinbi	Johnny's	Kuroda	yellow orange	14.5	4.5	7	3	convex	5–10%	5	F1	Large core but very uniform color; moderate Aster yellows
Kuroda	Harris	Kuroda	orange	13	2.4	4	3	convex; fair color	0%	6	F1	Medium-large core with uniform color; poor flavor

¹Direct seeded June 14.

²Imperator types have nearly cylindrical, long, durable roots and are especially suited to shipping and processing, but need deep sandy soils; Nantes are medium length and cylindrical and are generally 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; Kuroda is a Japanese type similar to Chantenay in shape; French forcing are small, short carrots of high quality.

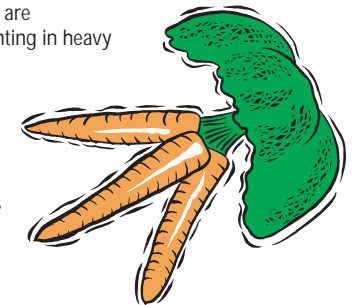
³Scores based on a 1–9 scale with 9 = best.

⁴Scores based on a 1–9 scale with 9 = high percent of defects.

⁵Bolting is the premature formation of a seed stalk.

⁶F1 = F1 hybrid: the direct result of a cross between two genetically different parents (usually inbred lines)—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.

⁷Aster yellows is a virus that infects many crops, including carrots; when severe it can affect yield and quality of roots.



Carrots¹

Variety	Source	Type ²	Color	Length (cm)	Width (cm)	Top Vigor ³	Cracking/ Defects ⁴	Crown	Bolting ⁵	Overall Score ³	Cultivar Type ⁶	Notes ⁷
Artist	Johnny's	Nantes	orange	15	2.9	1	2	square; good color	0%	7	F1	Mild, sweet flavor
Austria	Bejo	Nantes	orange	18.5	2.7	4	3	convex; some green	0%	6	F1	Small core with very uniform color; mild flavor
Beta Sweet	Texas A & M University	Nantes	purple	12.5	2.7	2	5	convex; good color	5–10%	7	F1	Purple color penetrates to core; excellent flavor; small core; severe Aster yellows
Karina	Seminis	Nantes	orange	15	3.3	6	2	convex; good color	0%	6	F1	Some Aster yellows; good flavor; medium-large core
Mellow Yellow	Nichols	Nantes	yellow-gold	18	3.3	8	1	convex	0%	7	OP	Small core with uniform color; interesting, sweet flavor; some Aster yellows
Merida	Territorial	Nantes	orange	18.5	2.5	2	2	very convex; fair color	0%	4	F1	Medium-size core with uniform color; strong flavor
Mokum	Bejo	Nantes	orange	16	2.8	3	3	square	0%	7	F1	Small core with uniform color; tender; good flavor
Napa	Bejo	Nantes	orange	18	3	5	2	convex; dark	0%	4	F1	Small core with very uniform color; rough skin; poor flavor; bitter
Napoli	Bejo	Nantes	orange	15	2.6	7	3	square	0%	7	F1	Small core; fair color; sweet, mild flavor
Narbonne	Bejo	Nantes	orange	17.5	2.5	3	2	convex; green	0%	5	F1	Light interior color; large core but uniform color; fair flavor
Nelson	Bejo	Nantes	orange	14	2.4	2	1	convex; some green	0%	5	F1	Very uniform; very small, dark core; sweet; some Aster yellows
Nevis	Bejo	Nantes	orange	17	2.9	5	2	very convex	0%	7	F1	Medium-large core with uniform color; good, mild flavor with no bitterness

¹Direct seeded June 14.

²Imperator types have nearly cylindrical, long, durable roots and are especially suited to shipping and processing, but need deep sandy soils; Nantes are medium length and cylindrical and are generally 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; Kuroda is a Japanese type similar to Chantenay in shape; French forcing are small, short carrots of high quality.

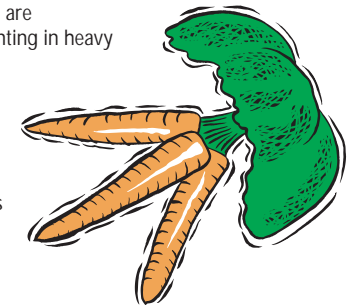
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⁷Aster yellows is a virus that infects many crops, including carrots; when severe it can affect yield and quality of roots.



Carrots¹

Variety	Source	Type ²	Color	Length (cm)	Width (cm)	Top Vigor ³	Cracking/ Defects ⁴	Crown	Bolting ⁵	Overall Score ³	Cultivar Type ⁶	Notes ⁷
Oranza	Bejo	Nantes	orange	20	3.3	4	2	convex; color good	0%	7	F1	Large core but uniform color; fair flavor
Rumba	Johnny's	Nantes	orange	14.5	4	5	2	square; excellent color	0%	5	OP	Large core but uniform color; fair flavor; some Aster yellows
Scarlet Nantes	Seeds of Change	Nantes	orange	15	3	3	3	very convex	0%	8	OP	Small, dark core; good, sweet flavor
Sweetheart	Bejo	Nantes	orange	16.5	2.1	3	3	very convex; strong green	0%	4	F1	Rough carrots; small core; strong flavor
Mignon	Bejo	Baby Nantes	orange	14.5	2.3	1	2	square; some green	0%	8	F1	Small core with uniform color; tender; mild flavor
Cosmic Purple	Johnny's	Novelty	purple skin/ orange interior	18	3.7	5	2	concave	5–10%	5	OP	Small core but dark color; soft, chewy texture; very mild flavor
Rainbow	Nichols	Novelty	multi	21	3.5	4	2	convex to square; good color	0%	5	OP	Colors range from white to yellow-green to orange; medium to large core, green core on many; rough carrots; bitter aftertaste
Solar Yellow	Rupp	Novelty	pink-orange	23	3	3	2	square; green	0%	3	OP	Highly variable color with pale orange off-type; strong flavor; significant Aster yellows infection

¹Direct seeded June 14.

²Imperator types have nearly cylindrical, long, durable roots and are especially suited to shipping and processing, but need deep sandy soils; Nantes are medium length and cylindrical and are generally 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; Kuroda is a Japanese type similar to Chantenay in shape; French forcing are small, short carrots of high quality.

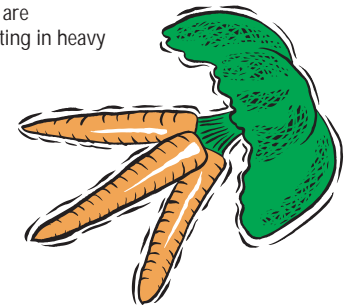
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⁷Aster yellows is a virus that infects many crops, including carrots; when severe it can affect yield and quality of roots.



Cauliflower¹

Variety	Source	Maturity	Head Height (cm)	Head Width (cm)	Solidity ²	Color ²	Wrapper Leaves ³	Uniformity ²	Overall Score ²	Cultivar Type ⁴	Notes
Amazing	Bejo	medium	6.5	12.5	7	white	6	7	8	OP	Very mild, pleasant flavor
Callisto	Orsetti	medium	8.5	16.5	6	white	8	8	8	F1	Large heads; mild flavor
Concert	Osborne	medium early	9.0	16.0	5	white	9	7	7	F1	Purpling in head; mild flavor
Cortes	Rogers	medium early	7.0	10.5	8	white	9	7	8	F1	Good flavor
Farmer's Extra Early	Harris Moran	early	7.0	12.5	3	cream	7	3	3	OP	
Fremont	Territorial	early	9.0	15.5	5	cream	4	7	5	F1	
Graffiti	Johnny's	medium	7.7	11.6	5	purple	5	5	7	F1	Good flavor
Orange Cheddar	Johnny's	medium early	7.5	12.0	5	pale orange	3	7	6	F1	Poor flavor
Panther	Territorial	medium early	7.0	11.0	7	lime green	3	5	7	F1	Good flavor
Shasta	Rogers	medium early	7.0	12.0	7	white	7	7	7	F1	Good flavor
Snow Crown	Takii	early	8.0	11.0	7	white	7	5	5	F1	Purpling in head
Snow Mystique	Takii	medium	7.0	11.5	6	cream	5	4	6	F1	Good sweet flavor
Snowball Y Improved	Rupp	medium early	6.0	11.0	5	cream	5	3	4	OP	Good flavor
Titan	Osborne	medium	7.5	11.3	8	cream	8	7	7	F1	Tender; good flavor
White Magic	Sakata	medium	8.0	13.2	6	cream	7	6	7	F1	Chewy texture; good flavor

¹Direct seeded July 1.

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

³Scores based on a scale of 1-9 where 1 = open and 9 = head tightly wrapped at harvest stage. Good wrapper leaves promote good white color of the heads.

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.



Celery and Celeriac¹

Variety	Source	Type	Suckers ²	Stalk (or root) Height (cm)	Stalk (or root) Thickness (cm)	Stalk Number	Stalk Color	Pithi-ness ³	Leafi-ness ²	Uni-formity ⁴	Disease ⁵	Good Hearts Potential ⁴	Overall Score ⁴	Cultivar Type ⁶	Notes ⁷
Afina	Bejo	celery	9	31.5	2.0	numerous	medium green	9	3	7	1	7	5	F1	Smallage type; hollow stems; strong flavor
Conquistador	Johnny's	celery	9	20.8	3.2	18	pale green	1	7	7	5	3	3	OP	Small plant; early; strong flavor
French Diamant	Nichols	celery	9	31.3	1.5	numerous	medium green	9	7	7	1	7	3	OP	Smallage type; hollow stems
Giant Red	Territorial	celery	9	29.9	4.2	numerous	dark green	3	5	5	1	1	3	OP	Smallage type; strong flavor; stringy
Golden Self Blanching	Nichols	celery	5	33.5	3.5	19	cream	1	7	5	9	5	6	OP	Stalks split at base; mild flavor
Pink Blush	Johnny's	celery	7	16.0	6.8	16	pale pink	1	7	5	7	5	5	OP	Strong flavor
Tango	Bejo	celery	3	27.3	5.0	10	dark green	2	9	7	2	7	7	F1	No strong, central bunch but suckers have useable hearts; good flavor
Ventura	Territorial	celery	7	32.0	5.5	14	pale green	2	6	7	3	7	8	OP	Good, sweet flavor
Brilliant	Territorial	celeriac	NA	14.0	13.2	NA	cream	3	NA	9	1	NA	6	OP	Very mild flavor
Diamant	Johnny's	celeriac	NA	11.5	13.2	NA	cream	1	NA	7	1	NA	7	OP	Mild flavor; good texture
Mentor	Nichols	celeriac	NA	11.7	12.5	NA	off-white	1	NA	7	1	NA	7	OP	Crisp texture; very mild flavor
Radiant	Bejo	celeriac	NA	14.0	12.8	NA	off-white	1	NA	7	1	NA	8	F1	Soft texture; mildly sweet flavor

¹Transplanted June 14.

²Scores based on a 1–9 scale with 1 = few and 9 = many.

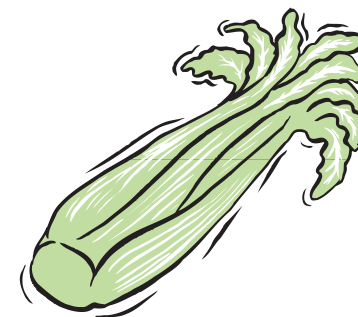
³Scores based on a 1–9 scale with 9 = very pithy.

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

⁵Scores based on a 1–9 scale with 1 = little disease and 9 = severe; diseases present were Aster yellows and crown rot.

⁶F1 = F1 hybrid: the direct result of a cross between two genetically different parents (usually inbred lines)—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.

⁷Smallage (leaf celery) types have more (much smaller) stalks than others and no central bunch; they are used primarily for flavoring and garnish.



Corn, Sugary Enhanced and Sweet¹

Variety	Source	Color	Type	Days to Harvest	Tons/ Acre	Ears/ Plant	Lb/ Ear	Ear Length (inches)	Ear Diameter (inches)	Kernel Depth (mm)	Pericarp Toughness ²	Kernel Refinement ³	Ear Uniformity ⁴	Flavor ⁵	Overall Score ⁵	Notes
GH 8267	Syngenta	yellow	su	98	7.6	1.08	0.61	8.0	1.98	13	99	3.5	4.0	4.0	4.0	Very uniform; nice looking; good flavor
Sunshine	Victory	yellow	su	83	3.9	0.76	0.47	7.4	1.80	8	98	2.0	1.0	1.5	1.5	Highly variable; some completely jumbled rows; pale color; low yield; coarse
Daybreak	Harris	yellow	se	81	7.0	0.96	0.67	8.1	1.95	12	140	2.0	3.5	3.5	3.0	Ears are somewhat rough and coarse
GH 6014	Syngenta	yellow	se	100	6.5	1.11	0.58	8.9	2.00	12	84	3.0	4.0	4.0	4.0	Very long, narrow ears; attractive, uniform ears; good flavor
Sugar Dots	Territorial	yellow	se	83	6.1	1.11	0.47	8.0	1.79	11	72	4.0	3.0	3.0	3.0	Good corn flavor but no sweetness; some curved ears; generally good looking and uniform

¹Direct seeded June 23 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 except Sunshine, which is open-pollinated.

²Tenderness was determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp.

³Scores 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.

⁴Scores based on a 1–5 scale with 5 = most uniform. Ear uniformity refers to the degree of variation among ears.

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



Corn, Supersweet¹

Variety	Source	Color	Days to Harvest	Tons/Acre	Ears/Plant	Lb/Ear	Ear Length (inches)	Ear Diameter (inches)	Kernel Depth (mm)	Pericarp Toughness ²	Kernel Refinement ³	Ear Uniformity ⁴	Flavor ⁵	Overall Score ⁵	Notes ⁶
CSH YP2-57	Crookham	yellow	96	7.9	1.07	0.63	7.6	2.06	12.0	158	3	4	3.5	3	Nice looking, very uniform ears but tough; some curved ears; ears are low on plant
CSH YP3-99	Crookham	yellow	99	7.9	0.96	0.70	8.1	2.09	12.3	92	3	2.5	3.5	2.5	Flattened butt ends; not all plants have an ear
Extra-Tender 277A	Johnny's	bicolor	97	4.4	0.69	0.51	7.6	1.90	12.0	84	4.0	3.0	4.5	4	Excellent flavor and appearance
GSS 1477	Syngenta	yellow	99	9.7	1.21	0.73	9.1	2.06	12.8	120	4	3.5	4.5	4	Very long ears; sweet; slightly tough
GSS 2914	Syngenta	yellow	99	8.8	1.08	0.72	9.5	2.00	12.0	98	3.5	3.5	4.5	3	Very long ears; very tasty and tender but tendency for tapered ears and poor tip fill
GSS 4165	Syngenta	yellow	96	7.6	1.04	0.71	8.0	2.10	12.8	107	4	2.5	4.5	3.5	Best ears are very nice, but some variability; some slightly curved ears
GSS 8812	Syngenta	yellow	99	6.7	0.92	0.65	7.7	2.09	12.0	104	3	3	3.5	3	Ears rough looking with jumbled rows
Marvel	Crookham	yellow	96	7.5	0.98	0.66	8.2	2.09	12.3	106	3	2.5	3.5	3	Ears variable shapes and sizes, some curved, some jumbled rows; chews tough
Mirai 308BC	Harris	bicolor	85	5.8	0.93	0.52	7.9	1.80	9.0	93	3.0	3.5	4.0	3.5	Very good flavor; sweet; tender; some spades
Supersweet Jubilee	Syngenta	yellow	99	7.9	1.14	0.62	8.3	2.00	12.3	103	3.5	3.5	4.5	4	

¹Direct seeded June 23 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.

²Tenderness was determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp.

³Scores 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.

⁴Scores based on a 1–5 scale with 5 = most uniform. Ear uniformity refers to the degree of variation among ears.

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

⁶Spades are ears that are flattened (not round) and have a wide tip, an undesirable trait for processors because the ears will not pass through cutting machines.



Corn, Supersweet

Cucumbers¹

Variety	Source	Type	Plant Habit	Skin Color	Fruit Length (cm)	Fruit Width (cm)	Uniformity ²	Disease ³	Overall Score ²	Cultivar Type ⁴	Notes ⁵
Alibi	Johnny's	pickler	vine	medium green	10.0	3.0	7	2	6	F1	Firm, solid fruit; good yield
Clinton	Territorial	pickler	vine	medium green	9.5	3.0	7	3	7	OP	Firm texture; good yield and long harvest duration
Cool Breeze	Territorial	pickler	vine	medium green	11.5	4.5	8	2	8	F1	Very high yield; good flavor; very spiny
Expedition	Seminis	pickler	vine	dark green	11.0	3.5	8	2	7	F1	Good flavor; good yield
Jackson Supreme	Osborne	pickler	vine	dark green	11.0	3.5	7	5	6	F1	Attractive fruit with blocky shape; good yield
Journey	Seminis	pickler	vine	dark green	10.0	3.0	7	2	7	F1	Firm fruit; good yield
Regal	Harris	pickler	vine	medium green	11.0	3.0	9	5	6	F1	Soft fruit; fair flavor
Sassy	Harris	large pickler	vine	medium green	15.0	3.8	8	1	6	F1	Average yield; fair flavor; fruit slightly soft
Smart Pickle	Seeds of Change	pickler	vine	light green	11.5	5.0	8	7	5	OP	Black spines turn orange when ripe
Supreme	Sunseeds	pickler	vine	dark green	11.0	3.0	6	2	6	F1	Firm fruit; average yield
Wautoma	Territorial	large pickler	vine	dark green	20.0	4.5	8	2	4	OP	Vigorous plant with high yield; variable fruit size and shape; flavor sweet but with "chalky" aftertaste
Zapata	Sunseeds	pickler	vine	dark green	10.0	3.0	5	1	5	F1	Solid, firm fruit with crisp texture
Babylon	Territorial	slicer	vine	medium green	17.5	4.5	8	2	5	F1	Soft fruit with thick skin; strong flavor (almost bitter); high yield; spines few and very fine
Diva	Johnny's	slicer	vine	medium green	15.0	4.2	5	7	5	OP	Good, mild flavor; smooth skin is susceptible to injury
Fanfare	Nichols	slicer	vine	dark green	27.0	5.0	8	1	6		Mild flavor with no bitterness; small central cavity
Field's Sweet Salad	Henry Field's	slicer	vine	dark green	21.0	5.0	6	2	5	F1	Soft fruit with smooth skin; fair flavor
Intimidator	Seminis	slicer	vine	dark green	22.0	12.5	8	2	8	F1	Soft fruit with smooth skin; very good yield; good flavor
Stonewall	Harris Moran	slicer	vine	dark green	21.0	4.5	8	3	5	F1	Soft fruit with thick, smooth skin; very good yield; fair flavor
Sweet Marketmore	Seeds of Change	slicer	vine	dark green	19.0	5.5	7	1	7	OP	Small central cavity; mild flavor; fruit slightly curved
Sweet Slice	Seminis	slicer	vine	dark green	29.0	4.5	5	7	4	F1	Brittle vine; variable fruit shape and size

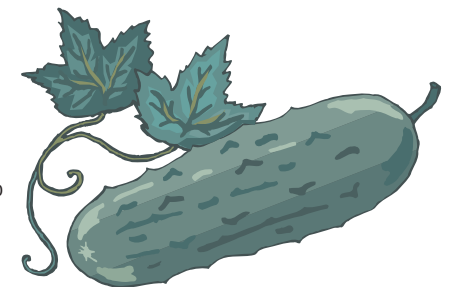
¹Direct seeded June 30.

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

³Scores based on a 1–9 scale with 9 = severe. Disease present is angular leaf spot.

⁴F1 = F1 hybrid: the direct result of a cross between two genetically different parents (usually inbred lines)—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.

⁵Spine color is white unless otherwise noted.



Cucumbers¹

Variety	Source	Type	Plant Habit	Skin Color	Fruit Length (cm)	Fruit Width (cm)	Uniformity ²	Disease ³	Overall Score ²	Cultivar Type ⁴	Notes ⁵
SX 2389CW	Sunseeds	slicer	vine	dark green	22.0	5.0	7	2	6	F1	Later maturing than average; good yield
Kyoto Yard Long	Nichols	Asian slicer	vine	medium green	35.0	2.5	5	4	5	OP	Curved neck; moderately late; spines few but coarse
Tasty Jade	Johnny's	Asian slicer	vine	dark green	30.0	5.0	8	3	8	OP	High yield; curved fruit are thinner at neck; smooth skin; good, sweet flavor; slight cavity
Armenian	Territorial	specialty	vine	very light green	37.0	3.0	1	7	3	OP	Very low yield; firm, crunchy
Lemon	Nichols	specialty	vine	very light green	6.0	5.0	5	1	5	OP	Long bearing period; good flavor; black spines

¹Direct seeded June 30.

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

³Scores based on a 1–9 scale with 9 = severe. Disease present is angular leaf spot.

⁴F1 = F1 hybrid: the direct result of a cross between two genetically different parents (usually inbred lines)—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.

⁵Spine color is white unless otherwise noted.



Eggplants¹

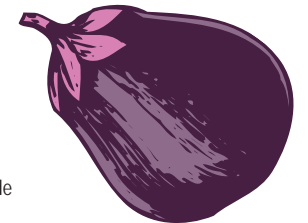
Variety	Source	Maturity	Fruit Color	Fruit Shape	Fruit Length (cm)	Fruit Width (cm)	Yield ²	Disease Severity ³	Plant Height (cm)	Overall Score ²	Cultivar Type ⁴	Notes
Antigua	Tomato Growers Supply	late	white with purple stripes	long cylinder	14.5	4.5	3	1	60	4	F1	
Applegreen	Territorial	medium	light green	almost round	12.0	8.5	4	1	40	5	PL	Spiny plant; good yield for plant size
Aragon	Hazera	medium	dark purple	elongated oval	21.0	6.5	5	1	70	5	F1	Relatively spine-free
Bambino	Nichols	medium	dark purple	round	4.0	3.5	2	1	30	2	F1	Spineless; novelty; very seedy
Black	Seeds of Change	early	dark purple	oval	11.5	6.0	5	1	65	4	PL	Spineless
Black Beauty	Victory	medium	medium purple	oval	16.0	9.0	4	1	65	3	F1	Spiny; fruit have interior cavity
Black Shine	Takii	early	dark purple	long cylinder	18.0	6.0	7	1	70	5	F1	Weak plant but high yield
Calliope	Johnny's	medium early	light purple with white streaking	oval	12.0	9.0	4	1	65	5	F1	Spineless; attractive fruit
Casper	Territorial	medium early	white	elongated oval	16.0	6.5	6	1	58	6	PL	Good yield for plant size
Classic	Harris Moran	medium	dark purple	elongated oval	23.0	8.5	6	1	90	7	F1	Very attractive, glossy fruit; relatively spine-free
Cloud Nine	Nichols	medium early	white	oval	12.0	8.0	3	1	70	5	F1	Moderately spiny
Dusky	Nichols	medium	dark purple	oval	18.0	10.0	6	1	65	5	F1	Classic eggplant shape; spiny
Epic	Rupp	medium early	medium purple	oval	19.0	8.5	5	1	75	6	F1	Spiny
Fairy Tale	Johnny's	medium early	light purple with white stripes	long cylinder	14.5	4.5	3	1	50	5	F1	Few seeds; compact plants
Green Goddess	Nichols	medium	light green	cylinder	27.0	4.5	4	1	75	5	F1	Spiny
Italian Black Bell	Johnny's	early	dark purple	oval	20.0	13.0	6	1	65	7	F1	Relatively spine-free
Lavender Touch	Harris	medium	white with purple blush	elongated oval	18.5	7.0	6	1	80	6	F1	Very spiny
Long Purple	Tomato Growers Supply	very early	medium purple	long cylinder	19.5	6.5	6	1	90	6	PL	Tall plants; long, slender, attractive fruit
Orient Express	Johnny's	early	dark purple	long cylinder	21.0	5.0	7	1	70	6	F1	Mostly spineless
Prosperosa	Tomato Growers Supply	medium	variable	round	12.0	12.0	4	1	60–100	3	PL	Highly variable; color ranges from medium purple to light purple to white

¹Transplants set out June 9.

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

³Apparent Verticillium symptoms based on a 1–9 scale with 9 = severe.

⁴F1 = F1 hybrid: the direct result of a cross between two genetically different parents (usually inbred lines)—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.



Eggplants¹

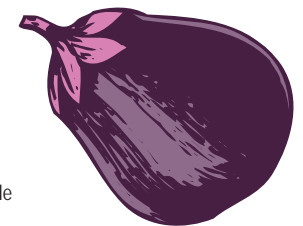
Variety	Source	Maturity	Fruit Color	Fruit Shape	Fruit Length (cm)	Fruit Width (cm)	Yield ²	Disease Severity ³	Plant Height (cm)	Overall Score ²	Cultivar Type ⁴	Notes
Short Tom	Territorial	very early	medium purple	oval	12.0	6.5	3	3	70	3	F1	Curved fruit; some spines
Sonata	Harris Moran	medium	dark purple	oval	19.0	9.5	4	1	80	5	F1	Spiny
Turkish Orange	Seeds of Change	late	orange with green stripes	round	5.0	7.0	3	5	30	4	PL	

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Kale and Collards¹

Variety	Source	Crop	Plant Height (cm)	Plant Width (cm)	Color	Overall Score ²	Cultivar Type ³	Notes
Champion	Territorial	collards	78	97	deep green	7	OP	Large, floppy, attractive leaves; white ribs
Flash	Sakata	collards	64	110	dark green	8	F1	Forming a head
Top Pick	Sakata	collards	76	91	green	7	F1	Vigorous
Blue Ridge	Sakata	kale	70	84	green	7	F1	Highly dissected leaves; mild flavor; quite cold-hardy
Bona	Johnny's	kale	90	100	green	7	F1	Strong flavor; quite cold-hardy
Dwarf Blue Curled Scotch	Nichols	kale	54	79	pale green to blue-green	8	OP	Crisp with very mild flavor; dissected leaves
Improved Dwarf Siberian	Territorial	kale	93	101	blue-green with white ribs	5	OP	Coarsely dissected leaves; sharp flavor
Nero di Toscana	Territorial	kale	73	97	dark blue-green with white ribs	7	OP	Long, strap-like leaves; good flavor; quite cold-hardy
Red Ursa	Seeds of Change	kale	93	136	blue-green with purple ribs and stems	7	OP	Strong flavor
Redbor	Bejo	kale	95	80	deep purple	9	F1	Striking color; highly dissected leaf
Toscano	Johnny's	kale	71	62	dark blue-green with white ribs	5	OP	Long, strap-like leaves; good flavor; quite cold-hardy
Tuscan	Nichols	kale	63	62	dark blue-green with white ribs	6	OP	Long, strap-like leaves; good flavor; quite cold-hardy
Vates	Harris	kale	50	86	blue-green	6	OP	Very frilly leaves; strong flavor; quite cold-hardy
Wild Garden Kale Mix	Wild Garden Seed	kale	95	120	green with white to purple ribs	7	OP	Good mix of leaf types and colors
Wild Red	Nichols	kale	95	117	mix	5	OP	Strong bitter flavor; mix of red and green with white ribs
Winter Red	Territorial	kale	91	110	blue-green with purple ribs	7	OP	Strong flavor
Winterbor	Bejo	kale	75	90	pale green to blue-green	7	F1	Good, mild flavor; dissected leaf
Nagoya Garnish Red	Sakata	ornamental kale	39	52	medium green with light purple center	4	F1	Frilly leaves; head rot
Red Flowering Nagoya	Rupp	ornamental kale	37	57	medium green with light purple center	3	F1	Attractive leaf but leaf margins are necrotic and center is rotting
Red Flowering Osaka	Rupp	ornamental kale	41	57	blue-green with purple center	5	F1	Dense, cabbage-like head; not particularly showy

¹Direct seeded July 1.

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

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Leeks and Bunching Onions¹

Variety	Source	Type	Root Length (cm) ²	Root Width (cm) ²	Foliage Color	Vigor ³	Overall Score ³	Notes ⁴
Alora	Siegers	leek	10.0	4.0	blue-green	6	6	
Arena	Osborne	leek	9.0	4.0	blue-green	5	5	
Bandit	Bejo	leek	9.0	4.2	dark blue-green	5	5	
Columbus	Bejo	leek	12.0	4.0	medium blue-green	5	6	
Jolant	Bejo	leek	10.5	4.5	blue-green	5	4	Not as healthy as others; more yellow foliage
Kilima	Nichols	leek	11.0	5.3	medium green	5	5	
Laura	Bejo	leek	8.0	4.5	blue-green	4	5	
Lincoln	Bejo	leek	7.0	4.0	dark blue-green	4	5	Clean; short root
Rikor	Johnny's	leek	11.0	4.4	medium green	7	4	Some yellow foliage
Rival	Bejo	leek	17.0	5.5	blue-green	7	7	Very large roots; some yellow foliage
Sheriff	Territorial	leek	20.0	5.0	pale green	9	5	Very tall plant; long root; poor color
Tadorna	Johnny's	leek	9.0	6.4	blue-green	5	6	Short, fat root
Deep Purple	Johnny's	bunching onion			blue-green	5	6	Beautiful, deep red-purple color
Evergreen Hardy White	Nichols	bunching onion			blue-green	5	3	Botrytis on about half the plants
Guardman	Territorial	bunching onion			medium green	6	5	Not as healthy as other bunching onions; more yellow foliage; white stalks
Ishikura Improved	Takii	bunching onion			blue-green	6	5	Some Botrytis on about half the plants; smaller roots; white stalks
Lisbon White Bunching	Seeds of Change	bunching onion			blue-green	7	6	Some Botrytis but healthier than other bunching onions
Oasis	Johnny's	bunching onion			blue-green	7	7	Tubular leaves; some Botrytis but healthier than other bunching onions; white stalks
Red Beard	Territorial	bunching onion			medium green	4	3	Stalks have a red blush at the base; many dying leaves
Purplette	Territorial	dual purpose	5.0	6.0	blue-green	6	5	Can be harvested early for purple bunching onions or grown to maturity for small bulbs

¹Direct seeded April 29.

²Useable portion of stalk.

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

⁴Botrytis is a fungal infection that causes leaf discoloration.



Lettuce, Leaf¹

Variety	Source	Type	Color	Vigor ²	Overall Score ²	Cultivar Type ³	Notes ⁴
Gold Rush	Territorial	loose leaf	green	3	4	PL	Small heads; slightly bitter
Grand Rapids	Orsetti	loose leaf	light green	5	6	PL	Slightly bitter
Merlot	Territorial	loose leaf	very dark red	5	7	PL	Frippy leaves
Prizehead	Alberta Nurseries	loose leaf	red	6	7	PL	Good, sweet flavor
Red Sails	Nichols	loose leaf	light red	8	7	PL	Good flavor
Sunset	Territorial	loose leaf	red	4	5	PL	Small heads
Thai Green	Seeds of Change	loose leaf	light green	4	5	PL	Variable; poor stand; frilly leaf
Berenice	Johnny's	oak leaf	green	7	8	PL	
Cocarde	Johnny's	erect oak leaf	green with red blush	7	9	PL	Unique appearance with long, arrowhead-shaped leaves; uniform; large heads; slow bolting; good texture and flavor
Galisse	Johnny's	oak leaf	light green	5	7	PL	Sweet with buttery texture
Mascara	Territorial	oak leaf	dark red	7	7	PL	Erect habit; good flavor
Red Oak Leaf	Seeds of Change	oak leaf	red	7	6	PL	Variable
Salad Bowl	Nichols	oak leaf	light green	7	5	PL	Beginning to bolt mid-November

¹Direct seeded July 24.

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

³PL = pure line: varieties of self-pollinated crops—these varieties will reproduce true to type, even without isolation.

⁴Powdery mildew is a fungus-like microorganism that infects many crops, including lettuce; affected plant parts turn brown, and leaves die.



Melons¹

Variety	Source	Type ²	Maturity	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Rind Color	Flesh Color	Netting ³	Disease ⁴	Yield ⁵	Flavor ⁵	Brix ⁶	Overall Score ⁵	Cultivar Type ⁷	Notes ⁸
AM-04-16	D Palmer	Ananas	medium	19.0	16.0	12.5	8.0	gold	light green	medium	3	6	4	8.0	6	F1	Crisp flesh
Barbados	D Palmer	Ananas	medium late	19.0	15.0	12.0	7.0	gold	cream	medium	5	4	7	9.0	5	F1	Honeydew flavor
San Juan	D Palmer	Ananas	medium early	14.5	16.0	8.0	8.0	gold	light green	medium	6	7	6	12.0	5	F1	Sweet
Trinidad	D Palmer	Ananas	medium late	20.0	14.0	13.0	7.5	cream	cream	medium	5	6	4	8.0	4	F1	
Ambrosia	Seminis	California shipping	medium	15.5	14.5	10.0	6.5	green	light orange	medium heavy	7	7	7	13.0	7	F1	Soft-textured flesh; very sweet
Athena	Rogers	California shipping	medium early	20.0	16.5	13.0	7.0	tan	orange	very heavy	7	7	7	11.0	7	F1	Heavy crown set
Fastbreak	Territorial	California shipping	medium early	13.0	15.5	8.0	7.0	tan	orange	heavy	2	6	5	10.0	5	F1	
Motagua	Rogers	California shipping	medium late	19.0	14.5	12.5	6.0	tan	light orange	very heavy	7	7	5	10.0	5	F1	Heavy crown set
Ovation	Rogers	California shipping	medium early	16.5	14.5	10.5	7.0	tan	light orange	heavy	7	7	8	11.6	7	F1	
Western Express	Sakata	California shipping	medium	19.0	16.0	12.0	9.0	tan	orange	heavy	3	6	5	11.0	6	F1	Fairly uniform
Delicious 51	Various*	Eastern cantaloupe	medium	17.0	5.0	12.0	6.5	tan	orange	medium	6	4	6	11.0	4	OP	
Hannah's Choice	Nichols	Eastern cantaloupe	medium	19.0	15.0	14.0	6.5	tan	deep orange	heavy	4	8	6	12.0	7	F1	Firm flesh; uniform fruit; sweet; excellent yield
Old Time Tennessee	Victory	Eastern cantaloupe	late	19.5	14.0	14.5	7.0	pale tan	light orange	light	7	4	3	7.4	1	OP	Variable fruit shape; too late for Willamette Valley
Orange Sherbet	D Palmer	Eastern cantaloupe	medium	19.5	15.0	13.5	6.0	pale tan	orange	heavy	3	4	9	14.6	6	F1	Variable fruit size; very sweet

¹Direct seeded June 14 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. European types have light to moderate ribbing with dark grooves, soft flesh, and a strong flavor. Honeydews 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. Ananas are Middle Eastern-derived, round and fairly large, with green to golden skin and green to white flesh. They are very sweet but ripen quickly in the field and do not store well. Charentais melons are usually small with blue-green rind with slight ribbing and orange flesh, do not "slip" the vine when ripe, and have sweet, aromatic flesh. Casaba melons have wrinkled yellow skin and white flesh. Crenshaws are large, oblong, yellow melons with sweet orange flesh.

³Netting refers to the "cross-hatch" 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).

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⁸Crown set means that most fruit is produced close to the center of the plant.

¹Available from several sources; see *Garden Seed Inventory* (sixth edition), published by Seed Savers Exchange, 3094 North Winn Road, Decorah, Iowa 52101.



Melons¹

Variety	Source	Type ²	Maturity	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Rind Color	Flesh Color	Netting ³	Disease ⁴	Yield ⁵	Flavor ⁵	Brix ⁶	Overall Score ⁵	Cultivar Type ⁷	Notes ⁸
Nois des Carmes	Victory	European cantaloupe	medium	13.0	15.5	8.0	7.5	dark green to orange when ripe	light orange	none	7	6	4	6.0	5	OP	Good-textured, crisp flesh
Sungold	Seeds of Change	Casaba	very late	16.0	15.0	10.0	8.0	bright yellow	white	none	7	1	1	7.0	1	OP	Wrinkled skin; rotting fruit
Savor	Johnny's	Charentais	very late	13.0	14.5	7.5	7.5	blue-green	orange	light	8	6	9	12.0	7	F1	Disease (angular leaf spot) affecting leaves but not fruit quality; very sweet
Crenshaw	Seeds of Change	Crenshaw	very late	27.5	16.0	16.5	6.0	dark green	light orange	none	8	3	3	10.0	3	OP	Large blossom-end scar
Eel River	Seeds of Change	Crenshaw	late	22.0	17.5	13.5	9.5	tan with dark green spotting	light orange	medium heavy	3	6	5	10.4	6	OP	Better yield, disease resistance, and flavor than Crenshaw
Lilly	D Palmer	Crenshaw	medium early	23.5	13.0	16.5	6.0	yellow-green	light green	none	7	7	4	8.0	4	F1	Severe angular leaf spot; heavy crown set; fruit cracking
Arava	Hazera	Galia	medium late	15.5	15.5	8.5	7.0	gold	light green	medium	3	7	7	11.4	7	F1	
Gala	D Palmer	Galia		17.0	17.0	11.0	6.0	gold	green	medium	3	7	7	12.0	4	F1	Crown set; severe fruit cracking
Girlye	D Palmer	Galia	medium early	19.0	18.0	10.5	5.5	cream	green	medium	5	8	7	10.0	7	F1	Good yield; fruit cracking
Sigal	D Palmer	Galia	medium early	15.0	15.5	7.0	6.5	gold	green	medium	6	7	6	14.0	5	F1	Good crown set; some fruit cracking

¹Direct seeded June 14 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. European types have light to moderate ribbing with dark grooves, soft flesh, and a strong flavor. Honeydews 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. Ananas are Middle Eastern-derived, round and fairly large, with green to golden skin and green to white flesh. They are very sweet but ripen quickly in the field and do not store well. Charentais melons are usually small with blue-green rind with slight ribbing and orange flesh, do not "slip" the vine when ripe, and have sweet, aromatic flesh. Casaba melons have wrinkled yellow skin and white flesh. Crenshaws are large, oblong, yellow melons with sweet orange flesh.

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Melons¹

Variety	Source	Type ²	Maturity	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Rind Color	Flesh Color	Netting ³	Disease ⁴	Yield ⁵	Flavor ⁵	Brix ⁶	Overall Score ⁵	Cultivar Type ⁷	Notes ⁸
Earlidew	Territorial	Honeydew	medium	15.5	16.5	8.5	8.0	very light green	green	very light	7	8	7	14.0	6	F1	Moderate cracking; good crown set; medium-firm flesh
Green Flash	D Palmer	Honeydew	late	17.5	16.5	10.5	7.5	cream	light green	none	3	6	5	11.0	3	F1	Severe fruit cracking
Honey Ace	Takii	Honeydew	medium	17.5	15.5	9.0	7.0	cream	green	very light	7	5	7	10.0	5	F1	Cracking
Magic to Dew	Abbott & Cobb	Honeydew	late	21.5	16.0	12.5	7.5	cream	light green	very light	2	9	7	13.0	9	F1	
Abu	D Palmer	specialty	medium early	19.5	16.0	11.5	6.0	tan	light orange	heavy	4	6	7	10.0	7	F1	Cracking; long harvest duration
Angel	Harris	specialty	medium late	12.5	12.5	8.0	5.0	tan	white	medium	9	4	5	13.0	3	F1	Crisp flesh; fruit cracking
Banana	Various*	specialty	medium late	42.0	15.0	34.0	8.5	yellow green	light orange	light	5	7	4	9.0	4	OP	Very vigorous plant
Dove	Hollar	specialty	medium early	17.0	15.5	9.5	6.0	green	light green	medium	2	6	7	14.0	7	F1	Firm flesh
Gourmet	Hollar	specialty	early	17.5	15.0	9.0	8.0	gold	light green	medium	5	5	8	15.0	6	F1	
Haogen	Seeds of Change	specialty	medium late	13.0	12.5	8.0	6.5	yellow with blue-green stripes	green	light	3	6	6	8.8	6	OP	Prominent ribbing
Sweetie #6	Johnny's	specialty	medium late	10.5	10.5	7.0	5.5	pale green	green with orange & cream swirls	light	6	9	5	12.2	5	F1	Fruit cracking

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Onions and Shallots¹

Variety	Source	Crop	Maturity	Color	Length (cm)	Width (cm)	Shape	Neck ²	Storage ³	Foliar Disease ⁴	Overall Score ⁵	Cultivar Type ⁶	Notes
Bennie's Red	Sunseeds	onion	late	red	8.0	8.0	globe	7	8	6	7	F1	Somewhat variable shape—some bulbs quite elongated
Cipollini	Nichols	onion	late	yellow	5.0	10.0	very flat	7	6	3	7	OP	Appealing, unusual, irregular shape
Condor	Takii	onion	late	yellow	10.0	10.0	globe	8	8	5	8	F1	Very large; good storage ability
Flamenco	Sunseeds	onion	medium	red	8.0	8.5	globe	8	8	3	8	F1	Some variability in shape but mostly very attractive; uniform size; good storage ability
Frontier	Takii	onion	early	yellow	7.5	7.5	globe	9	9	6	8	F1	Very uniform with excellent storage ability
Gladstone	Bejo	onion	medium	white	8.5	8.5	variable globe	7	5	1	6	F1	Large bulbs are slightly flattened to slightly elongated globe; many starting to rot in storage
Mesquite	D Palmer	onion	late	yellow	11.0	11.0	globe	6	7	1	7	F1	Very large; some getting soft; very little disease
Red Baron	Bejo	onion	late	red	8.0	8.5	variable globe	8	6-8	7	6	F1	Variable shape from quite elongated to slightly flattened; the elongated types do not seem to store as well
Red Beauty	Bejo	onion	medium	red	7.5	8.0	slightly flattened globe	8	6	4	7	F1	Two sprouting and many starting to get soft
Red Eyes	D Palmer	onion	medium	red	8.0	8.0	globe	8	7	5	7	F1	Variable size and shape
Red Long of Tropea	Johnny's	onion	late	red	12.0	8.0	elongated	1	1	5	6	OP	Unusual, attractive shape; uniform; large; not for storage
Red Wethersfield	Sunseeds	onion	medium	red	6.0	8.5	flat globe	8	8	6	7	OP	Small; good storage ability
Rossa di Milano	Seeds of Change	onion	medium	red	9.5	7.5	top	7	9	6	8	OP	Very large attractive bulbs; excellent storage ability
Rumba	Sunseeds	onion	early	red	6.5	8.0	flat globe	9	6	5	7	F1	One sprouting, several getting soft
Salem	Bejo	onion	medium	yellow	8.5	8.5	globe	8	9	2	9	F1	Very uniform, large bulbs; little disease; excellent storage ability

¹Direct seeded April 29. Harvested late August to late September. Storage notes taken February 3, 2006.

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 = severe; diseases present were downy mildew (*Peronospora destructor*) and Alternaria leaf blotch (*Alternaria porri*).

⁵Scores based on a 1–9 scale with 9 = best.

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. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.



Onions and Shallots¹

Variety	Source	Crop	Maturity	Color	Length (cm)	Width (cm)	Shape	Neck ²	Storage ³	Foliar Disease ⁴	Overall Score ⁵	Cultivar Type ⁶	Notes
Salsa	Sunseeds	onion	medium	red	8.5	8.5	globe	7	5	9	5	F1	Poor keeper; many rotten bulbs
Siskiyou Sweet	Seeds of Change	onion	early	yellow	8.5	8.5	globe	1	1	5	5	OP	Variable size; not for storage—all sprouting; some multiple bulbs
Spirit	Bejo	onion	late	yellow	8.0	8.0	globe	9	9	4	9	F1	Very uniform with excellent storage ability
Stockton	Seeds of Change	onion	medium	red	6.0	8.0	flat globe	1	1	3	4	OP	Not for storage—all sprouting; variable size and shape; many multiple bulbs
Super Star	Seminis	onion	early	white	8.5	9.5	slightly flattened globe	8	7	1	7	F1	Large bulbs; some getting soft
Walla Walla	Territorial	onion	early	yellow	8.0	8.0	globe	1	1	6	5	OP	Not for storage; variable size and shape
White Hawk	Bejo	onion	early	white	7.0	6.5	top	9	7	2	5	F1	Very small; starting to rot
White Sweet Spanish	Nichols	onion	late	white	10.0	10.0	globe	5	4	9	5	OP	Attractive, large onions; somewhat variable shape; not for storage
Pacific Pearl	Territorial	pearl onion	early	white	4.0	4.0	globe	7	4	2	5	OP	Not for storage
Bonilla	Territorial	shallot	medium	white	4.0	5.0	globe	9	8	4	8	F1	Very attractive with red-brown skin; stores well; can be grown from seed
Mirage	Johnny's	shallot	medium	white	5.0	8.5	flattened globe	9	9	6	9	F1	Very attractive, uniform, large bulbs with reddish skin; stores very well; can be grown from seed
Prisma	Nichols	shallot	medium	red	5.0	7.0	elongated globe	8	7	4	7	F1	Large; a few soft; does not store as well as Bonilla; can be grown from seed

¹Direct seeded April 29. Harvested late August to late September. Storage notes taken February 3, 2006.

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 = severe; diseases present were downy mildew (*Peronospora destructor*) and Alternaria leaf blotch (*Alternaria porri*).

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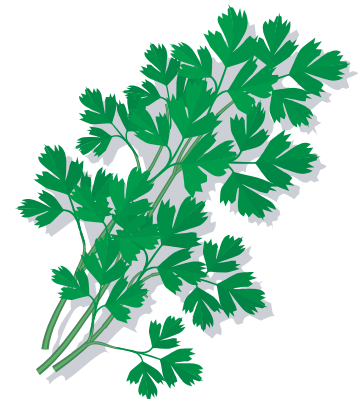
Parsley and Cilantro¹

Variety	Source	Crop	Leaf Type	Vigor ²	Overall Score ²	Notes ³
All Seasoner	New Dimensions	cilantro	plain	7	5	100% bolting; some Aster yellows
Delfino	All America Selections	cilantro	fern	5	5	50% bolting
Fire Phoenix	New Dimensions	cilantro	plain	5	5	75% bolting; some Aster yellows
Fragrant Palm	New Dimensions	cilantro	fern	3	3	100% bolting; dark red stems; some Aster yellows
Spring Champ	New Dimensions	cilantro	plain	5	5	80% bolting
Sub Zero	New Dimensions	cilantro	plain	7	3	Bolt-resistant; severe Aster yellows
Bravour	Osborne	parsley	moss curled	5	8	Nice texture and color; sweet flavor
Dark Green Italian Plain	Territorial	parsley	plain	7	7	Nice flavor
Eagle	Bejo	parsley	plain	5	5	Strong, somewhat bitter flavor
Favorit	Territorial	parsley	moss curled	5	5	Good flavor
Titan	Bejo	parsley	plain	3	9	Mild, sweet flavor

¹Direct seeded July 27. All varieties are open pollinated.

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

³Bolting is the premature formation of a seed stalk; bolting notes were taken the third week of October. Aster yellows is a virus that infects many crops and can affect yield and quality.



Peppers, Bell¹

Variety	Source	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thick-ness (mm)	Sun-scald ²	Yield ³	Overall Score ³	Cultivar Type ⁴	Notes ⁵
Alliance	Harris Moran	medium	green	red	10.0	10.5	40	30	8	3	5	4	F1	Blocky fruit; severe blossom end rot; mild sweet flavor; plants lack vigor
Ariane	Tomato Growers Supply	medium	green	orange	10.0	8.0	40	35	8	4	6	4	F1	Mild slightly sweet flavor; blossom end rot
Bell Boy	Pinetree	medium late	green	red	8.0	8.0	47	45	8	2	5	5	F1	Fair flavor—not sweet; distorted fruit; some blossom end rot
Bianca	Tomato Growers Supply	medium	light yellow	orange	10.0	9.0	45	40	9	1	7	5	F1	Upright plant; variable shape; very bland flavor; blossom end rot
Blushing Beauty	Nichols	medium late	light yellow	red-orange	9.0	11.5	50	45	8	1	7	4	F1	Upright plant; severe blossom end rot; soft rot; fair flavor
Chocolate Beauty	Territorial	late	green	reddish brown	9.0	9.5	49	46	7	1	5	5	F1	
Corona	Johnny's	medium early	green	orange	8.0	8.5	45	50	9	3	8	5	OP	Good, sweet flavor; peppers on ground
Double Up	Sakata	medium	green	red	9.5	10.5	40	40	10	2	4	5	F1	Upright plant; fruit ripen unevenly; good flavor
Early Calwonder	Stokes	late	green	red	11.0	8.5	51	70	6	1	4	4	OP	Some lodging
Early Sunsation	Nichols	medium late	green	golden	11.0	9.0	45	50	7	7	5	4	F1	Bland flavor
Espada	Abbott & Cobb	medium early	green	reddish brown	1.0	8.7	55	50	8	2	6	5	F1	Soft rot on a few fruit
Excursion II	Abbott & Cobb	medium late	green	red	10.5	10.5	45	35	7	3	7	5	F1	Blocky fruit; bland flavor—not sweet
Fat 'n Sassy	Nichols	medium	green	red	9.5	10.0	50	55	6	7	7	4	F1	Tangy flavor; variable maturity; blocky fruit; blossom end rot
Flamingo	Harris Moran	medium	yellow	light red to orange	13.0	8.0	45	50	8	3	7	5	F1	Fair flavor; some blossom end rot; fruit not blocky; variable maturity
Gourmet	Territorial	medium	green	orange	7.0	9.0	40	45	6	4	4	4	OP	Good flavor; blossom end rot
Henry Field's Elite	Henry Field's	medium	green	red	10.0	8.8	46	53	7	2	4	4	F1	
Hershey	Tomato Growers Supply	late	green	brown	10.0	9.0	40	46	5	1	7	7	F1	

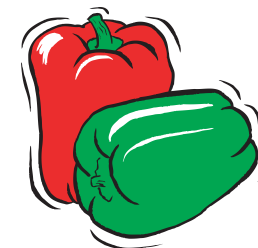
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Peppers, Bell¹

Variety	Source	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thick-ness (mm)	Sun-scald ²	Yield ³	Overall Score ³	Cultivar Type ⁴	Notes ⁵
Honeybelle	Harris Moran	late	green	yellow	13.0	9.0	51	58	7	3	5	5	F1	Some blossom end rot
Ivory	Osborne	medium	cream	golden yellow	9.5	9.0	60	50	8	3	5	5	F1	Sprawling, open plant, but peppers held off ground; flavor slightly acidic
Jupiter	Park	medium late	green	red	10.5	9.5	34	57	6	5	4	4	OP	Blossom end rot
Lady Bell	Harris Moran	medium late	green	red	11.0	9.0	50	50	8	2	5	6	F1	Three-lobed fruit; good flavor; slight blossom end rot
Lantern	Osborne	medium early	green	deep red	10.0	9.5	40	50	8	1	8	5	F1	Blocky fruit; bland flavor—not sweet
Lilac Bell	Territorial	medium late	green to purple	orange-red	10.5	9.0	45	45	8	3	5	5	F1	Variable maturity; bland flavor; some blossom end rot
Mandarin	Rogers	medium late	green	orange	11.0	10.5	50	50	8	1	8	6	F1	Blocky fruit; good, sweet flavor
Orange Sun	Tomato Growers Supply	medium early	green	orange	8.0	9.5	42	60	6	3	5	6	OP	
Patriot	Harris Moran	medium	green	deep red	9.0	10.0	45	50	10	3	7	5	F1	Very blocky fruit; plants lodged; fair flavor; severe blossom end rot
Prince	Harris Moran	late	green	golden orange	11.5	10.5	55	58	7	3	6	6	F1	Blossom end rot
Red Delicious	Burpee	medium late	green	red	10.5	10.0	50	40	6	1	8	7	F1	Upright plant; large, blocky fruit; good flavor; would be a good stuffer
Revolution	Harris	medium	green	red	11.0	11.5	45	50	6	7	4	3	F1	Very blocky; good for stuffing; severe blossom end rot
Staddon's Select	Territorial	medium late	green	dark red	8.5	8.5	45	55	7	1	5	5	OP	Some blossom end rot
Super Heavyweight	Nichols	late	green	orange	15.5	1.0	50	70	6	5	8	4	F1	Severe blossom end rot
Super Set	Sakata	early	green	red	10.5	8.7	30	40	7	8	7	3	F1	Heavy crown set of fruit; fair flavor—not sweet; blossom end rot
Tawny Port	Tomato Growers Supply	medium	green	brown-red	13.0	7.5	50	50	6	5	5	5	F1	Good flavor

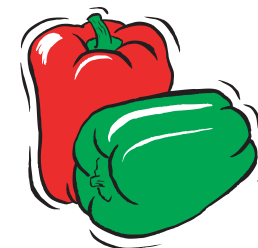
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Peppers, Bell¹

Variety	Source	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ²	Yield ³	Overall Score ³	Cultivar Type ⁴	Notes ⁵
Tequila	Osborne	medium early	light green	red	9.5	9.5	50	45	8	4	6	6	F1	Early fruit blocky, later fruit longer; bland flavor; attractive color changes from light green to purple to red; some blossom end rot
The Big Early	Tomato Growers Supply	medium late	green	red	17.0	8.5	50	50	8	4	5	5	F1	Blossom end rot on all early fruit; fair flavor
X3R Wizard	Harris	medium	green	deep red	9.0	9.5	60	50	7	4	4	4	F1	Blocky shape; good flavor; severe blossom end rot

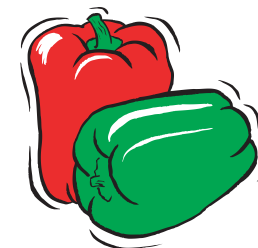
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Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Pungency ²	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ³	Yield ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
Aji Amarillo	Seeds of Change	Aji	medium late	light green to light yellow	orange	5.5	2.0	6	80	80	3	1	7	7	OP	Small, conical fruit; sprawling plant
Criolla Sella	Seeds of Change	Aji	medium	green	orange	6.5	1.3	6	55	50	1	4	3	4	OP	Variable
Anaheim	Seeds of Change	Anaheim	late	green	red	17.0	3.5	1	70	40	4	2	5	3	OP	Variable; some blossom end rot
Anaheim TMR23	Seminis	Anaheim	medium late	green	red	14.0	4.3	2	73	60	3	0	5	3	OP	Plants have a tendency to lodge; some blossom end rot
Relleno	Seeds of Change	Anaheim	medium early	green	bright red	17.0	7.0	1	25	50	5	6	5	4	OP	Weak plants tend to lodge; very mild, good flavor
Ancho 101	Tomato Growers Supply	Ancho	very late	green	red	9.5	6.4	3	72	90	2	2	5	4	OP	Heart-shaped
Bananarama	Burpee	Banana	medium	yellow-green	red	21.5	5.0	1	46	62	5	1	8	6	F1	Blossom end rot
Aci Sivri	Nichols	Cayenne	medium	light green	red	19.0	2.5	2	50	55	3	1	5	5	OP	Lodging
Cayenne Large Thick	Harris	Cayenne	medium	green	red	20.0	3.0	2	50	40	3	1	4	5	OP	Upright plants
Cayenne Long Slim	Nichols	Cayenne	medium late	green	red	13.0	1.1	5	50	40	2	1	5	5	OP	Compact plants
Golden Cayenne	Tomato Growers Supply	Cayenne	medium	green	golden yellow	11.0	2.0	3	45	45	2	1	7	5	OP	Lodging; sweet flavor but with some heat
Golden Heat	Osborne	Cayenne	medium late	green	red	11.5	1.0	5	60	60	1	1	5	6	F1	Upright plants
Joe's Long Cayenne	Johnny's	Cayenne	medium	green with purple blush	red	26.0	1.8	5	70	60	2	1	7	7	OP	Upright plants; fruit held off ground; flavor sweet but moderately hot
Ring-O-Fire	Seeds of Change	Cayenne	medium	green	red	10.0	1.4	7	60	60	2	1	6	6	OP	Upright plants

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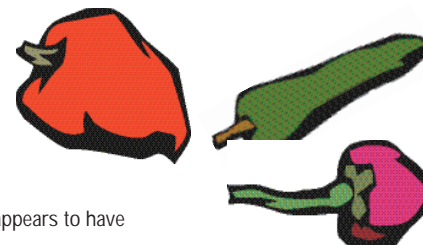
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Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Pungency ²	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ³	Yield ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
Salsa Delight	Burpee	long Cayenne	medium late	green	orange-red	20.0	25.0	1	65	60	3	2	7	6	F1	Strong, upright plants
Sweet Cayenne	Tomato Growers Supply	sweet Cayenne	medium early	yellow-green	red	23.0	2.0	1	50	35	3	1	7	7	OP	Very long, Cayenne-shaped fruit
Aruba	Rogers	Cubanelle	medium	green	orange-red	16.0	7.0	1	50	45	8	1	7	5	F1	Soft rot on some fruit; bland flavor; some lodging
Cubanelle	Harris	Cubanelle	medium	green	red	13.0	5.5	1	40	40	6	4	5	4	OP	Some lodging; blossom end rot
Lamuyo	Danson	Cubanelle	medium late	green	red	15.0	8.0	1	60	45	9	1	7	6	F1	Long fruit with pointed tip; bland, sweet flavor
Surefire	Abbott & Cobb	Cubanelle	medium	light yellow to orange	red	15.0	4.0	3	55	40	4	1	7	7	F1	Good flavor
Caribbean Red	Johnny's	Habanero	late	green	red	4.0	3.0	9	50	50	2	1	7	7	OP	Good leaf cover; upright plants
Habanero	Territorial	Habanero	medium late	green	orange	5.0	2.5	9	60	60	3	1	7	7	OP	Good leaf cover; upright plants
TAM Mild Habanero	Texas A&M Univ	Habanero	medium	green	yellow	6.0	3.5	3	56	75	3	0	7	8	OP	Very good leaf cover
Hot Portugal	Harris	Hot Wax	medium early	green	red	14.5	3.5	3	40	35	3	2	5	5	OP	Upright plants; slight blossom end rot; slightly sweet with some heat
Mariachi	Seminis	Hot Wax	medium late	light yellow	red	8.5	5.0	2	50	60	5	1	7	7	F1	Uniformly good-quality fruit; lodging; good leaf cover
Solar Hybrid Guero	Danson	Hot Wax	medium	light yellow	red	8.0	4.0	3	30	60	5	1	7	7	F1	Some blossom end rot

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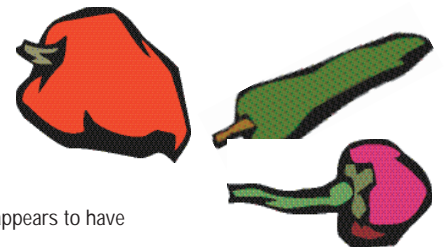
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Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Pungency ²	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ³	Yield ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
Stoked	Harris	Hot Wax	early	yellow	red	13.5	4.0	5	60	40	4	1	7	7	F1	Upright plants; good flavor
Cheese	Jim Myers (OSU)	Italian Cheese	medium	green	red	4.0	6.5	3	50	50	4	3	7	6	OP	Severe blossom end rot; good, sweet flavor with some heat; some lodging
Tennessee Cheese	Territorial	Italian Cheese	medium	green	red	5.5	7.0	1	40	40	8	3	4	3	OP	Fruit not deeply scalloped like a typical cheese pepper; some fruit cracking; some blossom end rot; fairly bland; some lodging with fruit on ground
Yellow Cheese	Nichols	Italian Cheese	medium	green	golden yellow	4.0	8.0	1	55	40	6	3	2	4	OP	Upright plant; moderate to severe blossom end rot; pleasant flavor
Carmen	Johnny's	Italian Sweet	medium	green	red	16.0	5.3	1	60	50	5	1	5	6	F1	Good, sweet flavor
Corno de Toro Yellow	Tomato Growers Supply	Italian Sweet	medium late	green	yellow-orange	17.5	54.0	1	86	80	5	0	6	7	OP	Blossom end rot
Giant Marconi	Nichols	Italian Sweet	medium late	green	red	21.0	7.5		65	50	7	3	7	5	F1	Moderate to severe blossom end rot; soft flesh; variable maturity
Italian Sweet	Territorial	Italian Sweet	medium	green	deep red	13.0	5.0	1	45	30	5	3	4	4	OP	Bland flavor; severe blossom end rot; lodging with fruit on ground

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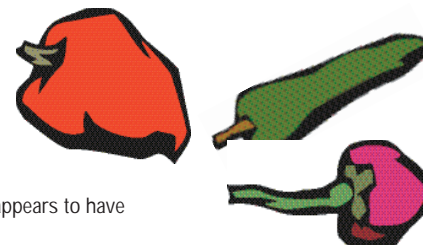
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Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Pungency ²	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ³	Yield ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
The Godfather	Burpee	Italian Sweet	medium late	green	red	22.0	4.5	1	45	45	5	1	4	6	F1	Flavorful but not sweet; tough skin
Black Hungarian	Territorial	Jalapeño	medium	dark purple	dark red	5.5	2.5	2	40	55	5	2	5	6	OP	Low spreading plant; some variability
Conchos	Orsetti	Jalapeño	medium	dark green	red	9.5	3.5	2	60	50	6	1	7	6	F1	Some blossom end rot
Early Jalapeño	Nichols	Jalapeño	medium late	green	red	8.0	3.0	7	46	64	5	0	5	6	OP	
False Alarm	Burpee	slightly hot Jalapeño	medium	dark green	deep red	8.5	2.5	1	40	35	5	1	7	6	F1	
Fresno	Seeds of Change	Jalapeño	medium early	green	deep red	7.0	3.0	3	30	35	5	2	8	7	OP	Good flavor
Jalapeño M	Harris	Jalapeño	very late	green	red	5.5	2.1	5	77	70	4	0	5	4	OP	
Jaloro	Tomato Growers Supply	Jalapeño	late	yellow	orange-red	7.0	3.5	4	30	50	4	1	5	4	OP	Highly variable
Pizza	OSU	slightly hot Jalapeño	late	green	red	7.5	3.8	2	49	51	4	0	8	7	OP	Good flavor with a little heat; very thick walls
TAM Jalapeño #1	Seminis	Jalapeño	medium	green	red	6.0	3.3	1	40	45	6	1	5	5	OP	Mild blossom end rot; bland flavor
Española	NMSU	New Mexican	medium late	green	red	16.0	4.0	1	55	50	3	1	5	5	OP	Some blossom end rot; variable for plant size and maturity
Española Improved	NMSU	New Mexican	medium late	green	red	18.5	3.0	1	48	51	3	3	5	5	OP	Blossom end rot
New Mexico 6-4	NMSU	New Mexican	medium late	green	red	16.0	3.8	1	55	40	4	1	2	5	OP	Upright plants; severe blossom end rot
NuMex Big Jim	NMSU	New Mexican	late	light green	red	15.5	3.7	3	58	74	4	0	5	4	OP	Blossom end rot

¹Transplants set out June 1.

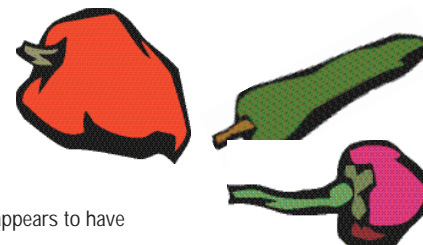
²Scores based on a subjective "tongue test" done in the field; 1–9 scale with 9 = most pungent.

³Sunscald of fruit, scores based on a 1–9 scale with 1 = least sunscald and 9 = severe.

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

⁵F1 = F1 hybrid: the direct result of a cross between two genetically different parents (usually inbred lines)—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 out-crossing, so they must be isolated if seed is to be saved).

⁶Blossom end rot is a nonpathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions. The blossom end of the fruit turns brown and appears to have "rotted." Lodging is the tendency of plants to fall over due to heavy fruit loads and/or weak root systems.



Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Pungency ²	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ³	Yield ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
NuMex Joe E. Parker	NMSU	New Mexican	late	green	red	12.0	3.5	1	44	55	2	2	6	7	OP	
NuMex R Naky	NMSU	New Mexican	late	green	red	19.0	4.5	2	71	74	2	0	5	4	OP	Severe blossom end rot
Black Pearl	Pan American	ornamental	medium	black-purple	red	1.5	1.5	7	65	40	2	1	7	6	F1	Deep purple foliage; ornamental novelty
Marbles	OSU	ornamental	medium early	light yellow	orange-red	1.0	1.5	NA	35	35	1	1	7	6	OP	Compact 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
Prairie Fire	D Palmer	ornamental	late	light yellow	red	2.5	1.2	NA	25	45	1	1	5	5	F1	Novelty
Riot	OSU	ornamental	medium	light yellow	red	8.0	0.8	NA	15	40	1.5	1	8	7	OP	Erect clusters of small, conical fruit; ripens purple to yellow to bright red
Tangerine Dream	Burpee	ornamental	medium early	green	orange	9.5	3.0	1	30	30	4	1	8	5	OP	Erect fruit; some fruit rotted; lodging plants; bland flavor
Paprika Supreme	Nichols	Paprika	medium early	green	deep red	17.0	2.5	1	60	60	2	2	5	6	F1	Upright plants; sweet flavor
NuMex Bailey Piquin	Territorial	Piquin	late	green	red	2.2	0.9	8	116	84	0.5	0	5	5	OP	Very hot; erect fruit
Pimiento L	Seeds of Change	Pimiento	medium	green	red	10.0	7.5	1	55	40	9	1	3	4	OP	Plants variable; flavor somewhat acidic

¹Transplants set out June 1.

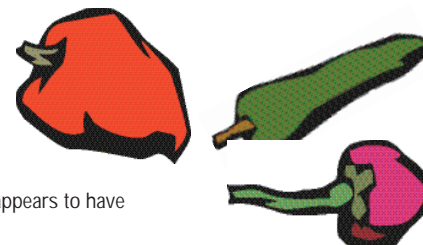
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Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Pungency ²	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ³	Yield ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
Tiburon	Harris	Poblano	late	dark green	red	13.0	8.0	1	70	60	4	1	5	7	F1	Upright plants; some blossom end rot
Autopick	Territorial	Serrano	medium	green	red	7.0	2.3	1	100	25	3	1	8	3	OP	Lodging; very soft flesh
Chili de Soltero	Cristino Montes (OSU)	Serrano	very late	green	red	7.5	1.8	8	56	64	1	0	5	5	OP	
Serrano	Nichols	Serrano	late	green	red	5.7	1.9	5	84	60	3	0	5	5	OP	Severe lodging
Tabasco	Tomato Growers Supply	Serrano	very late	green	red	3.0	0.8	7	94	79	1	0	5	5	OP	
Gypsy	Nichols	small pointed bell	medium	light yellow to orange	red	10.5	5.5	1	60	50	7	2	5	5	F1	Bell pepper flavor; uniform fruit; some lodging; some blossom end rot
Bulgarian Carrot	Territorial	specialty	medium	green	red	9.0	1.8	4	50	25	4	1	3	5	OP	Upright plant; flavor is sweet but moderately hot
Buran	Territorial	specialty	medium	green	red	12.5	5.0	4	50	45	4	3	5	4	OP	Weak plant; blossom end rot
Fish	Territorial	specialty	late	green	red	5.5	2.2	5	49	110	1	1	4	3	OP	Ornamental green and white variegated foliage
Topepo Rosso	Nichols	specialty	medium late	green	red	5.0	6.5	1	48	35	15	4	3	4	OP	Resembles a tomato; bland bell pepper flavor; some blossom end rot; possible pickler or stuffing pepper

¹Transplants set out June 1.

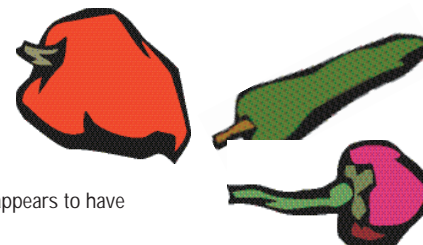
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Potatoes¹

Variety	Source	Maturity	Number per Hill ²	Weight per Hill (lb) ²	Tuber Length (cm)	Tuber Width (cm)	Tuber Height (cm)	Skin Color	Flesh Color	Shape	Eye Depth ³	Scab ⁴	% Cracking	Overall Score ⁵	Notes ⁶
Butte	Territorial	medium	8.0	1.50	10.7	5.3	6.3	brown	white	oval	1	5	5	6	
Caribe	Territorial	early	4.7	1.13	7.5	6.3	5.3	purple	white	round	5	3	30	3	Too much cracking; some hollow heart
Carola	Territorial	early	9.7	1.61	9.0	5.5	5.5	yellow	yellow	oval	1	1	1	5	Variable size and shape; many tubers misshapen; many small tubers; good flavor
Catalina	Nichols	late	10.4	1.88	10.5	6.5	4.5	white	white	oval	3	4	1	5	Mostly small tubers; many too small to be useable (less than 2 cm x 2 cm); grown from true seed
Gilroy	Nichols	late	9.1	1.93	10.0	6.5	5.5	white	white	oval	2	5	3	6	Many tubers are good size and shape but many are small or misshapen; grown from true seed
Gold Rush	Johnny's	medium	9.5	1.89	9.5	4.5	5.6	brown	white	oval	1	3	1	7	Good size and shape; very smooth; good flavor
Kennebec	Johnny's	late	8.5	2.47	10.0	6.0	4.5	white	white	oval	2	3	3	8	Good yield of large, unblemished tubers
Mindy	Nichols	medium	4.1	0.56	7.8	5.7	5.7	white	white	oval	1	1	0	5	Russetted; nice looking; grown from true seed
Red Cloud	Territorial	early	5.0	0.92	7.5	6.0	5.5	red	white	almost round	3	5	20	5	
Red Gold	Johnny's	early	12.0	1.80	7.5	7.0	5.5	red	yellow	almost round	7	1	1	7	Good flavor
Reddale	Territorial	medium	6.8	1.69	7.3	7.5	5.0	red	white	round	7	1	20	3	Variable shape; some russetting
Rose Finn Apple	Territorial	late	9.0	1.70	11.4	3.4	3.7	white	yellow	fingerling	5	3	1	5	Long, knobby tubers; many too small to be useable (less than 2 cm long)
Rose Gold	Territorial	medium	9.9	1.31	6.8	5.2	5.5	pink	yellow	almost round	1	3	10	4	Small tubers; good flavor
Superior	Johnny's	early	7.6	1.70	7.5	6.5	5.5	white	white	almost round	1	9	1	5	Severe scab made tubers hard to get clean
Swedish Peanut	Territorial	early	10.2	0.78	7.5	4.5	4.0	yellow	yellow	fingerling	1	3	0	5	Many tubers too small to be useable (less than 2 cm long); excellent flavor
Yukon Gold	Territorial	early	6.3	1.40	9.0	6.5	5.0	yellow	yellow	oval	2	1	5	9	Excellent flavor
Zolushka	Nichols	medium	11.1	1.42	10.0	6.7	6.3	brown	white	oval	1	7	1	5	Variable size with many small tubers; rough shape; grown from true seed

¹Planted May 13 in hills spaced 1' apart.

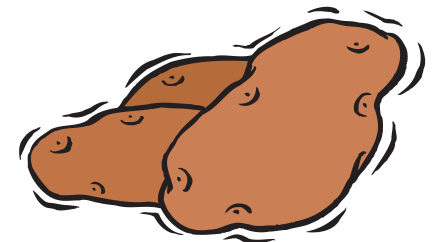
²Average of all hills of given variety; number of hills varied by variety from 7 to 30.

³Scores based on a 1–9 scale with 1 = shallow and 9 = deep

⁴Scores based on a 1–9 scale with 9 = severe infection; scab is a bacterial disease caused by *Streptomyces scabies*, which causes corky lesions on the surface of the tuber.

⁵Scores based on a 1–9 scale with 9 = best.

⁶Russetting refers to a rust- or brownish-colored spattering on the skin; hollow heart is a physiological disorder resulting in an irregular cavity at the center of the tuber—its exact cause is unknown.



Pumpkins and Ornamental Gourds¹

Variety	Source	Species	Type	Maturity	Fruit Height (cm)	Fruit Width (cm)	Skin Color	Yield ²	Plant Vigor ²	Habit	Disease ³	Overall Score ²	Cultivar Type ⁴	Notes ⁵
Dill's Atlantic Giant	Territorial	<i>Cucurbita maxima</i>	giant pumpkin	medium late	42.0	39.0	pink-orange	5	6	vine	8	5	OP	
Wyatt's Wonder	Seminis	<i>Cucurbita maxima</i>	giant pumpkin	late	50.0	44.0	deep orange	3	8	vine	4	6	OP	Very nice color for a giant pumpkin
Autumn King	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium late	38.0	31.0	deep orange	5	9	vine	7	7	F1	Thin rind; good handles
Gold Bullion	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium	29.0	28.0	deep orange	8	7	vine	5	8	F1	Variable for size and shape; long handles
Gold Medal	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium late	32.0	30.5	deep orange	5	7	vine	6	7	F1	Long, strong handles; thick walls
Gold Rush	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium	33.8	44.0	orange	1	8	vine	8	3	F1	Thin handles; very large fruit but poor yield
Gold Standard	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium	24.1	30.3	orange	7	6	vine	8	7	F1	Smooth skin; good handles
Gold Strike	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium early	32.4	31.7	orange	4	6	vine	8	4	F1	Long, strong handles; variable shape and size
Golden Gem	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium late	36.5	32.5	deep orange	5	7	vine	6	6	F1	Thin walls; long handles
Howdy Doody	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium late	25.5	34.3	orange	6	7	vine	8	7	F1	Long handles; thick flesh
Jackpot	Harris	<i>Cucurbita pepo</i>	jack-o-lantern	medium	25.0	28.5	orange	8	7	semi-bush	5	8	F1	Good yield
Magic Lantern	Harris Moran	<i>Cucurbita pepo</i>	jack-o-lantern	medium late	29.5	31.7	deep orange	8	7	semi-vine	5	9	F1	Good, strong handles; good shape; nice ribbing
Magician	Harris Moran	<i>Cucurbita pepo</i>	jack-o-lantern	medium	29.0	30.5	medium orange	8	7	semi-vine	5	8	F1	Good, strong handles; good shape; nice ribbing
Lumina	Nichols	<i>Cucurbita maxima</i>	white jack-o-lantern	medium early	17.5	28.7	white	7	7	vine	8	7	OP	
Orange Smoothie	Territorial	<i>Cucurbita pepo</i>	jack-o-lantern	medium early	16.5	21.2	orange	5	7	bush	7	6	F1	Smooth and shiny with hard shell
Phantom	Seminis	<i>Cucurbita pepo</i>	jack-o-lantern	medium	35.3	32.0	orange	5	6	vine	8	4	F1	Prone to fruit rot
Rocket	Johnny's	<i>Cucurbita pepo</i>	jack-o-lantern	medium early	29.7	28.0	orange	6	7	vine	8	7	F1	Long handles; good deep-orange color; nice shape is slightly upright
School Time	Seminis	<i>Cucurbita pepo</i>	jack-o-lantern	medium	19.5	27.0	deep orange	8	7	bush	6	7	F1	Good, concentrated set

¹Direct seeded June 14 in 60" rows.

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

³Disease scores based on a 1–9 scale with 9 = severe. Primary disease was 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.

⁵Protruding ovary refers to the bulge at the blossom end of the fruit, typical of Turk's Turban types.



Pumpkins and Ornamental Gourds¹

Variety	Source	Species	Type	Maturity	Fruit Height (cm)	Fruit Width (cm)	Skin Color	Yield ²	Plant Vigor ²	Habit	Disease ³	Overall Score ²	Cultivar Type ⁴	Notes ⁵
Sorcerer	Nichols	<i>Cucurbita pepo</i>	jack-o-lantern	medium late	30.0	33.5	deep orange	7	7	vine	8	8	F1	Long, dark-green handles; good dark-orange color
Mystic Plus	Harris Moran	<i>Cucurbita pepo</i>	pie/jack-o-lantern	medium early	16.5	19.9	deep orange	8	7	semi-vine	6	8	F1	Shallow ribs; medium handles; thin rind
Pik-A-Pie	Rupp	<i>Cucurbita pepo</i>	pie/jack-o-lantern	medium	16.5	19.5	orange	7	5	semi-bush	8	7	F1	Good color; concentrated set
Spookie	Harris	<i>Cucurbita pepo</i>	pie/jack-o-lantern	medium late	16.0	18.6	deep orange	4	5	vine	8	5	OP	Variable shape and size; good handles
Small Sugar	Nichols	<i>Cucurbita pepo</i>	pie	medium	17.0	20.6	deep orange	6	5	vine	8	7	OP	Could be dual purpose; attractive
Baby Boo	Rupp	<i>Cucurbita pepo</i>	mini ornamental pumpkin	early	4.5	8.7	white	7	6	vine	9	7	F1	Pale stems; oblate with heavy ribs
Gold Dust	Rupp	<i>Cucurbita pepo</i>	mini ornamental pumpkin	medium early	5.7	9.9	orange	8	6	vine	7	7	F1	Oblate with heavy ribs
Jack Be Little	Territorial	<i>Cucurbita pepo</i>	mini ornamental pumpkin	medium early	4.5	8.8	yellow-orange	5	7	vine	8	5	OP	Oblate with heavy ribs
Mini Treat	Seminis	<i>Cucurbita pepo</i>	mini ornamental pumpkin	medium late	8.4	11.0	bright orange	7	6	bush	6	5	OP	Lightly ribbed with dark handles and some green striping
Wee Be Little	Rogers	<i>Cucurbita pepo</i>	mini ornamental pumpkin	medium late	6.5	7.3	deep orange	7	5	bush	5	6	OP	Almost round, smooth mini pumpkin with bright orange skin
Corsican	Johnny's	<i>Lagynaria sicereria</i>	oblate bottle gourd	medium late	10.0	17.7	green	8	8	vine	9	7	OP	Would make nice bowls
Hopi Rattle Gourd	Seeds of Change	<i>Lagynaria sicereria</i>	bottle gourd	late	14.0	8.8	tan	9	9	vine	5	7	OP	Barbell shape
Large Bottle	Nichols	<i>Lagynaria sicereria</i>	bottle gourd	medium	27.0	17.0	green	4	7	vine	8	6	OP	Pear to barbell shape
Miniature Bottle	Nichols	<i>Lagynaria sicereria</i>	bottle gourd	medium late	12.0	7.0	green	6	8	vine	8	7	OP	Pear to barbell shape
Aladdin	Henry Field's	<i>Cucurbita maxima</i>	ornamental gourd	medium	11.8	19.5	red-orange with white ovary	7	7	vine	7	6	OP	Small Turk's Turban type; good color with small, white, protruding ovaries that lack striping; thin rind; variable size with many miniatures

¹Direct seeded June 14 in 60" rows.

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

³Disease scores based on a 1–9 scale with 9 = severe. Primary disease was powdery mildew.

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Pumpkins and Ornamental Gourds¹

Variety	Source	Species	Type	Maturity	Fruit Height (cm)	Fruit Width (cm)	Skin Color	Yield ²	Plant Vigor ²	Habit	Disease ³	Overall Score ²	Cultivar Type ⁴	Notes ⁵
Goblin Egg	Henry Field's	<i>Cucurbita pepo</i>	ornamental gourd	medium early	mix	mix	mix	7	6	vine	8	7	OP	Mix of red-orange, white, and green; some interesting shapes
Harrowsmith Select	Johnny's	<i>Cucurbita pepo</i>	ornamental gourd	medium	mix	mix	mix	7	7	vine	8	9	OP	Very interesting mix of yellow, green, and bicolor; many shapes, mostly with warts
Little Guy's Mix	Harris	<i>Cucurbita pepo</i>	ornamental gourd	medium	mix	mix	mix	7	7	vine	3	7	OP	Varied mix of shapes and colors, some with warts; many striped; white, green, orange, bicolor
Mini Red Turban	Johnny's	<i>Cucurbita maxima</i>	ornamental gourd	medium	12.0	16.7	pale reddish-orange	6	6	vine	5	5	OP	Variable size and color; not much smaller than regular Turk's Turban; color somewhat dull; hard rind
Miniature Turk's Turban—Large	Nichols	<i>Cucurbita maxima</i>	ornamental gourd	medium	12.2	17.1	variable	8	6	vine	8	7	OP	Soft rind; red to pink skin with red- and green-striped white protruding ovary
Turk's Turban	Harris	<i>Cucurbita maxima</i>	ornamental gourd	medium	13.5	23.0	multi	5	7	vine	7	6	OP	Red orange with green, orange, and white-striped protruding ovary; hard rind
Hejatlan Magn	Hungary	<i>Cucurbita pepo</i>	oil-seed	late	23.0	21.0	orange with dark-green stripes	7	4	vine	8	3	OP	Naked seeded type; ribbed fruit; dense flesh

¹Direct seeded June 14 in 60" rows.

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³Disease scores based on a 1–9 scale with 9 = severe. Primary disease was powdery mildew.

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Radicchio¹

Variety	Source	Head Shape	Head Height (cm)	Head Width (cm)	Color	Head Density ²	Vigor ³	Overall Score ³	Cultivar Type ⁴	Notes
Beacon	Bejo	round	9.5	11.0	medium red with white ribs	6	4	1	F1	75% of heads have head rot
Cesare	Bejo	round	12.0	9.0	very dark red with white ribs	4	5	7	F1	Short core; elongated head
Fiero	Johnny's	tall	19.0	8.0	dark red with white ribs	5	6	6	F1	Early; uniform
Indigo	Bejo	round	8.5	11.0	dark red with white ribs	8	4	7	F1	Very uniform
Leonardo	Bejo	round	10.0	11.5	dark red with wide, white ribs	6	5	6	F1	10% of heads have head rot
Palla Rossa Special	Territorial	round	12.0	12.0	dark red with wide, white ribs	5	9	8	OP	Fairly early; uniform
Tauro	Bejo	round	10.0	13.0	speckled pale-red with cream ribs	8	8	7	F1	Attractive pastel color

¹Direct seeded July 27.

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

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

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Spinach¹

Variety	Source	Leaf Type	Vigor ²	Color	Overall Score ²	Cultivar Type ³	Notes
7-Green	Johnny's	smooth	7	dark green	7	F1	Variable; sweet
Baby Green	D Palmer	smooth	7	green	6	F1	
Bloomsdale Long Standing	Nichols	smooth	5	blue-green	3	OP	Variable size
Bloomsdale Savoy	Territorial	savoy	2	very dark green	5	OP	Strong flavor
Denali	Johnny's	smooth	5	green	6	F1	Sweet
Harmony	Burpee	savoy	5	dark green	7	F1	
Jive	Nichols	smooth	6	dark green	7	F1	Sweet
Melody	Harris	savoy	5	dark green	7	F1	Good flavor
Nordic IV	Territorial	smooth	9	dark green	9	F1	Good flavor
Olympia	Territorial	smooth	5	green	6	F1	
Oriental Giant	Nichols	smooth	9	light green	7	F1	Large plants give excellent yield
Skookum	Territorial	savoy	7	dark green	8	F1	Good flavor
Space	Bejo	smooth	7	dark green	6	F1	
Spargo	Johnny's	savoy	5	dark green	6	F1	Compact plants; uniform
Spinner	Johnny's	savoy	5	dark green	5	F1	
Steadfast	Territorial	smooth	7	dark green	8	F1	Sweet
Teton	Territorial	smooth	4	green	4	F1	Good flavor
Unipack 12	Seminis	savoy	4	dark green	5	F1	Variable size
Unipack 144	Harris Moran	smooth	7	green	7	F1	Good flavor; uniform stand

¹Direct seeded August 30.

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Squash, Summer¹

Variety	Source	Type	Maturity	Plant Height (cm)	Plant Width (cm)	Plant Habit ²	Fruit Curve ³	Fruit Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (mm)	Uniformity ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes
Cashflow	Rogers	zucchini	early	58	130	3	1	medium-green mottle	19.5	5.5	2.0	5	6	F1	
Contender	Rogers	zucchini	early	47	110	5	2	solid-green shiny	18.5	4.5	1.0	7	7	F1	Mild flavor
French White Bush Zucchini	Nichols	zucchini	medium	63	100	8	1	pale green	14.0	5.3	2.0	1	4	OP	Good flavor; low yield
Monitor	Sunseeds	zucchini	medium	47	110	6	2	medium-dark green	13.0	3.5	1.5	7	6	F1	Good flavor
Noche	Rogers	zucchini	early	47	110	1	1	solid-green shiny	20.5	5.3	1.0	7	8	F1	Good flavor; spineless plant
Nun 0008	Sunseeds	zucchini	early	47	110	3	2	dark green	17.0	5.0	1.5	5	5	F1	Somewhat stringy texture; fruit bulges in the middle and tapers to ends
Nun 0009	Sunseeds	zucchini	medium	66	120	2	2	dark green	14.0	3.5	2.0	7	6	F1	Few or no spines; fruit somewhat rough; gummy texture; fair flavor
Nun 0032	Sunseeds	zucchini	early	47	130	2	1	medium-green mottle	15.0	4.2	2.0	5	7	F1	Good flavor
Obsidian	D Palmer	zucchini	medium	63	110	2	1	dark green	18.0	3.5	1.0	7	6	F1	Strong squash flavor; some misshapen fruit; yield lower than average
Partenon	Territorial	zucchini	early	50	110	4	1	medium-green mottle	15.7	4.0	2.0	5	5	F1	Stringy; somewhat bitter
Payroll	Rogers	zucchini	early	45	130	3	1	medium-green mottle	15.0	4.3	1.5	3	4	F1	Stringy texture; slight bitterness
Prestige	Harris Moran	zucchini	early	44	100	3	1	medium-dark green	21.2	5.7	1.5	7	7	F1	Good flavor
Robuster	Sunseeds	zucchini	early	47	110	7	1	medium green	17.4	4.4	1.5	4	5	F1	Good flavor
Sensor	Sunseeds	zucchini	early	50	120	6	1	dark green	18.5	5.7	1.5	5	5	F1	Poor flavor
Signature	Harris Moran	zucchini	medium	47	110	4	1	medium green	14.3	4.5	1.5	7	7	F1	Mild, sweet flavor
Sitos	Sunseeds	zucchini	early	47	130	6	2	gray-green mottle	21.0	5.0	2.0	6	4	F1	Tapered fruit; good flavor; moderately stringy texture
Sungreen	Territorial	zucchini	early	43	100	6	2	medium green	19.3	4.3	1.5	7	7	F1	Compact plant; good flavor
Butterstick	Territorial	yellow zucchini	early	52	140	5	1	golden yellow	17.2	5.0	1.5	8	7	F1	Fair flavor

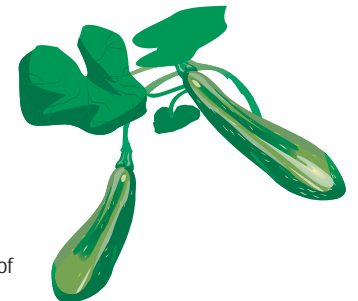
¹Direct seeded June 30.

²Scores based on a 1–9 scale with 1 = most open and 9 = most dense.

³Scores based on a 1–9 scale with 1 = straight and 9 = very curved (crookneck type).

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

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Squash, Summer¹

Variety	Source	Type	Maturity	Plant Height (cm)	Plant Width (cm)	Plant Habit ²	Fruit Curve ³	Fruit Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (mm)	Uniformity ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes
Golden Arrow	Harris Moran	yellow zucchini	early	34	110	3	1	yellow gold	15.7	4.6	4.0	7	5	F1	Stringy; poor flavor; tapered fruit
Golden Girl	D Palmer	yellow zucchini	medium	76	170	2	1	golden yellow	18.0	4.0	2.0	8	7	F1	Good flavor; good yield
Sebring	Johnny's	yellow zucchini	medium	50	140	1	1	golden yellow	20.0	5.0	2.0	8	7	F1	Good yield; good flavor
Eight Ball	Johnny's	round zucchini	very early	60	100	5	NA	dark-green mottle	6.8	7.3	2.0	5	5	F1	
Geode	Johnny's	round zucchini	early	45	130	4	NA	light green	5.5	6.3	1.0	5	7	F1	Large blossom-end scar; mild flavor
Enterprise	Rogers	yellow straight neck	medium	63	100	5	1	creamy yellow	18.5	4.5	3.0	7	5	F1	Many double fruit
Fortune	Rogers	yellow straight neck	medium	66	100	2	1	yellow	19.0	6.0	3.0	8	5	F1	Several fruit rotted from blossom end; high yield; crisp texture
Lemondrop L	Seminis	yellow straight neck	early	44	110	4	3	pale yellow	15.5	5.2	1.5	6	5	F1	Fair flavor; some double fruit; low yield
Success	Territorial	yellow straight neck	medium	66	130	8	2	yellow-green	17.0	5.0	3.0	1	1	OP	Highly variable for plant type, fruit size, and fruit type
Dixie	Seminis	yellow crookneck	early	53	110	5	5	pale yellow-green	13.2	4.8	1.5	7	7	F1	Fair flavor
Early Summer	Hollar	yellow crookneck	late	80	150	7	9	pale yellow	15.0	4.0	2.0	7	6	F1	Good flavor
Fancy Crook	Nichols	yellow crookneck	medium	70	150	3	9	creamy yellow	18.0	4.5	2.0	6	6	F1	
Gentry	Rogers	yellow crookneck	medium	78	120	7	5	yellow	19.0	5.0	3.0	6	6	F1	Good yield; good, nutty flavor

¹Direct seeded June 30.

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Squash, Summer¹

Variety	Source	Type	Maturity	Plant Height (cm)	Plant Width (cm)	Plant Habit ²	Fruit Curve ³	Fruit Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (mm)	Uniformity ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes
Lioness	Harris Moran	yellow crookneck	medium	70	120	6	5	pale yellow	21.0	5.0	2.5	5	6	F1	Fruit shape varies from crookneck to straight neck
Sunbrite	Rogers	yellow crookneck	early	74	90	2	2	yellow	14.0	4.5	2.0	8	6	F1	
Sunglo	Rogers	yellow crookneck	medium	72	140	2	9	yellow	21.0	6.5	4.0	5	6	F1	Crisp texture
Butter Scallop	Rogers	scallop	medium	74	100	5	NA	pale yellow	6.0	14.0	2.0	7	6	F1	Mild, nutty flavor; yield lower than average
Flying Saucer	Territorial	scallop	medium	71	110	3	NA	yellow with green blossom end	6.5	15.5	0.5	7	5	F1	Big leaves; very crunchy texture; some bitterness; low yield
Starship	Rogers	scallop	medium	69	120	5	NA	medium green	4.5	8.5	3.0	6	6	F1	Strong flavor
Sunny Delight	Nichols	scallop	medium	72	140	4	NA	golden yellow	5.5	10.0	2.0	4	3	F1	Large blossom scar with radial cracking; low yield; gummy texture; poor flavor
Caserta	Seeds of Change	specialty	early	34	90	3	3	light green with dark stripes	11.8	4.9	1.5	7	5	OP	Some double fruit; good flavor
Cocozele	Victory	specialty	medium	52	110	7	1	light green with dark stripes	23.0	6.5	1.0	3	3	OP	Low yielding; fair flavor; gummy texture
Papaya Pear	Territorial	specialty	early	73	100	8		golden yellow	7.0	8.0	3.0	7	4	F1	Seedy; stringy; hard rind
Tromboncino	Territorial	specialty	late	60	90	8	9+	striped white and green	30.0	3.0	2.0	7	4	OP	Crunchy texture; nutty flavor; short vines

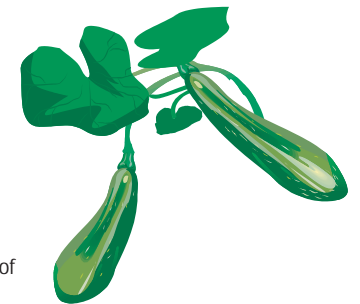
¹Direct seeded June 30.

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Squash, Winter¹

Variety	Source	Species	Type	Maturity	Fruit Height (cm)	Fruit Width (cm)	Skin Color	Flesh Color	Yield ²	Plant Vigor ²	Habit	Disease ³	Overall Score ²	Cultivar Type ⁴	Notes
Autumn Delight	Seminis	<i>Cucurbita pepo</i>	Acorn	medium	13.5	12.6	dark green	peach	7	7	semi-bush	3	8	F1	Classic acorn; thick flesh wall
Bush Table Queen	Nichols	<i>Cucurbita pepo</i>	Acorn	medium early	13.0	9.5	dark green	peach	3	4	bush	8	3	OP	
Carnival	Harris	<i>Cucurbita pepo</i>	Acorn	medium	11.2	12.9	cream with yellow and green stripes	peach	6	7	semi-bush	8	6	F1	Attractive, striped acorn
Celebration	Rupp	<i>Cucurbita pepo</i>	Acorn	medium	10.0	11.4	dark green with white stripes	peach	6	5	bush	7	6	F1	Ripens to orange with white stripes; attractive; variable shape
Harlequin	Rupp	<i>Cucurbita pepo</i>	Acorn	medium	10.6	13.3	tan with green stripes	peach	7	6	bush	6	6	F1	
OSU 19	OSU	<i>Cucurbita pepo</i>	Acorn	medium late	10.0	10.2	tan with green stripes	yellow	7	5	vine	7	7	OP	Very thick wall; very dense flesh
Sweet Lightening	Rupp	<i>Cucurbita pepo</i>	Acorn	medium	7.4	12.6	white with orange stripes	peach	6	4	bush	8	3	F1	Ornamental oblate acorn type with prominent ribs
Table Queen	Nichols	<i>Cucurbita pepo</i>	Acorn	medium	14.3	9.2	dark green	peach	5	3	bush	9	4	OP	Disease prone
Table Star	Rupp	<i>Cucurbita pepo</i>	Acorn	medium early	10.8	13.0	dark green	peach	7	7	bush	6	7	F1	Yellow halo around stem and orange ground spot
Table Treat	Rupp	<i>Cucurbita pepo</i>	Acorn	medium late	11.5	11.2	dark green	peach	5	5	semi-vine	8	5	F1	
White Cloud	Rupp	<i>Cucurbita pepo</i>	Acorn	medium	12.4	12.5	white	peach	5	7	semi-bush	7	4	F1	
Bonbon	Johnny's	<i>Cucurbita maxima</i>	Buttercup	medium late	14.3	17.4	dark green with blue-green ovary	yellow-orange	7	6	semi-vine	8	7	F1	Uniform fruit
Sweet Meat	Victory	<i>Cucurbita maxima</i>	Buttercup	late	15.7	27.0	blue-gray	yellow	4	7	vine	7	5	OP	
Bugle	Rupp	<i>Cucurbita moschata</i>	Butternut	medium	24.3	10.4	tan	yellow-orange	7	7	vine	1	7	F1	Very powdery-mildew resistant

¹Direct seeded June 14 in 60" rows.

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³Disease scores based on a 1–9 scale with 9 = severe. Primary disease was powdery mildew.

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Squash, Winter¹

Variety	Source	Species	Type	Maturity	Fruit Height (cm)	Fruit Width (cm)	Skin Color	Flesh Color	Yield ²	Plant Vigor ²	Habit	Disease ³	Overall Score ²	Cultivar Type ⁴	Notes
JWS 6823	Johnny's	<i>Cucurbita moschata</i>	Butternut	medium early	18.9	10.4	tan	orange	9	7	semi-vine	3	8	F1	Good powdery-mildew resistance
JWS 6858	Johnny's	<i>Cucurbita moschata</i>	Butternut	medium	21.5	9.9	tan	orange	6	7	vine	5	5	F1	
Metro	Johnny's	<i>Cucurbita moschata</i>	Butternut	medium late	19.0	10.0	tan	yellow	6	7	vine	3	5	F1	Nice-size butternut with good powdery-mildew resistance
Long Island Cheese	Territorial	<i>Cucurbita moschata</i>	Cheese	medium	14.0	28.0	light pink	orange	7	9	vine	5	7	OP	
Tricolor Cushaw	Harris	<i>Cucurbita argyrosperma</i>	Cushaw	medium early	44.0	19.7	yellow-orange with white striping	cream	5	9	vine	9	5	OP	Large, pear-shaped fruit
Bush Delicata	Seminis	<i>Cucurbita pepo</i>	Delicata	medium	19.0	9.0	cream with green stripes	peach	6	5	bush	7	7	F1	
Honey Boat	OSU	<i>Cucurbita pepo</i>	Delicata	medium	18.7	6.7	tan with green stripes	yellow	8	5	vine	8	8	OP	Uniform long cylindrical shape; thick wall; dense flesh; excellent quality
Sugar Loaf	OSU	<i>Cucurbita pepo</i>	Delicata	medium	13.0	10.0	tan with green stripes	yellow	8	5	vine	8	8	OP	Uniform blocky shape; thick wall; dense flesh; excellent quality
Delicious Golden	Rupp	<i>Cucurbita maxima</i>	Golden Delicious	medium	28.3	30.0	red-orange	yellow-orange	4	5	vine	8	5	F1	
Sun Spot	Rupp	<i>Cucurbita maxima</i>	Baby Hubbard	medium early	11.8	13.8	orange	bright yellow	7	5	vine	9	7	F1	Variable fruit size
Blue Ballet	Seeds of Change	<i>Cucurbita maxima</i>	Hubbard	medium late	18.7	17.8	blue-gray	yellow	4	5	vine	8	3	OP	
Chicago Warty Hubbard	Victory	<i>Cucurbita maxima</i>	Hubbard	late	26.5	29.0	dark green	pale orange	5	8	vine	7	5	OP	Hard rind

¹Direct seeded June 14 in 60" rows.

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

³Disease scores based on a 1–9 scale with 9 = severe. Primary disease was powdery mildew.

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Squash, Winter¹

Variety	Source	Species	Type	Maturity	Fruit Height (cm)	Fruit Width (cm)	Skin Color	Flesh Color	Yield ²	Plant Vigor ²	Habit	Disease ³	Overall Score ²	Cultivar Type ⁴	Notes
Sibley	Steve Wilson (OSU)	<i>Cucurbita maxima</i>	Hubbard	medium	28.0	23.5	blue-green	yellow-orange	3	7	vine	8	4	OP	Pointed stem end; poor yield
Autumn Cup	Harris	<i>Cucurbita maxima</i>	Kabocha	medium	11.4	18.3	dark green	bright yellow-orange	7	7	semi-bush	7	8	F1	Excellent quality
Black Forest	Johnny's	<i>Cucurbita maxima</i>	Kabocha	medium early	11.0	17.0	dark green with light-green stripe	deep orange	5	6	vine	7	6	OP	Somewhat smaller than average Kabocha type
Confection	Johnny's	<i>Cucurbita maxima</i>	Kabocha	medium	9.7	18.1	blue-green	yellow-orange	6	3	semi-bush	9	5	F1	
Delica	Takii	<i>Cucurbita maxima</i>	Kabocha	medium	13.7	23.0	dark green with light-green stripe	yellow-orange	6	7	vine	7	7	F1	
Sunshine	Nichols	<i>Cucurbita maxima</i>	Kabocha	medium	7.7	17.6	red-orange	bright yellow	5	6	semi-bush	9	5	F1	Some green streaks in flesh
Sweet Mama	Takii	<i>Cucurbita maxima</i>	Kabocha	medium	12.0	24.0	dark green	yellow-orange	5	5	bush	7	6	F1	
Pasta	Seminis	<i>Cucurbita pepo</i>	Spaghetti	medium early	18.8	11.5	pale yellow	cream	9	7	vine	9	7	F1	Hard shell; stringy
Small Wonder	Harris	<i>Cucurbita pepo</i>	Spaghetti	early	13.0	10.0	orange	cream	8	5	vine	8	7	F1	Attractive, single-serving-size, orange Spaghetti squash
Stripetti	Hollar	<i>Cucurbita pepo</i>	Spaghetti	medium	21.5	12.6	pale yellow with dark-green stripes	cream	9	9	vine	9	8	F1	Hard rind; stringy; vigorous, high-yielding plant
Koigiku	Takii	<i>Cucurbita moschata</i>	specialty	late	9.5	16.0	dark green	pale yellow-orange	5	7	vine	5	5	F1	Unique, highly ribbed fruit

¹Direct seeded June 14 in 60" rows.

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³Disease scores based on a 1–9 scale with 9 = severe. Primary disease was powdery mildew.

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Swiss Chard¹

Variety	Source	Petiole Color	Petiole Width (cm)	Disease ²	Top Vigor ³	Overall Score ³	Cultivar Type ⁴	Notes
Bright Lights	Nichols	mixed	1.7 to 5.0	2	9	5	OP	Attractive mix of petiole colors including white, yellow, golden, red; severe powdery mildew
Broadstem Green	Seeds of Change	white	3.0	2	9	8	OP	Large leaves with wide midrib; some powdery mildew
Fordhook Giant	Johnny's	white	3.2	7	6	4	OP	Heavy mildew; uniform plants
Golden Sunrise	Nichols	light to golden yellow	2.3	3	6	5	OP	Variable
Neon Lights	Burpee	mixed	2.0 to 4.2	5	6	4	OP	Petiole colors range from red to white to yellow; variable form and leaf size; no powdery mildew
Pink Passion	Johnny's	pink	1.6	5	2	3	OP	Weak plant
Rhubarb	Seeds of Change	red	2.0	2	9	5	OP	Severe powdery mildew; highly variable plants

¹Direct seeded June 14.

²Scores based on a 1–9 scale with 9 = most severe; disease present is *Cercospora* leaf spot.

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Tomatoes¹

Variety	Source	Type	Maturity	Vine Type ²	Shoulder ³	Fruit Height (cm)	Fruit Width (cm)	Fruit Color	Leaf Cover ⁴	Sunburn ⁵	Yield ⁶	Yield Efficiency ⁶	Flavor ⁷	Overall Score ⁷	Cultivar Type ⁸	Notes ⁹
Black Cherry	Tomato Growers Supply	cherry	late	I	GS	3.5	3.5	very dark red	6	1	6	3	6	5	PL	Very vigorous plant; good flavor
Gold Nugget	OSU	cherry	very early	D	GS	3.0	3.5	yellow gold	6	1	7	8	6	8	PL	Extremely productive with very concentrated set; strong tendency for seedless fruit; sweet flavor with low acid
Golden Sweet	Johnny's	cherry	early	I	GS	4.0	2.5	yellow	3	1	5	4	8	6	F1	Sweet flavor with low acid; yellow grape type; long fruit clusters
Green Grape	Territorial	cherry	late	I	GS	3.0	3.0	green	6	1	7	6	8	7	PL	Grape type; good, sweet flavor
Large German Cherry	OSU	large cherry	mid season	I	GS	3.0	4.0	red	5	1	7	5	6	6	PL	Large fruit clusters; flavor is sweet and mildly acid
Oregon Cherry	OSU	cherry	early	D	GS	3.5	3.5	red	4	1	8	9	6	8	PL	Compact plant; early, concentrated yield
Peacevine Cherry	Appalachian	cherry	early	I	UR	2.5	2.5	red and yellow	4	1	5	3	7	5	PL	Moderately acid flavor; includes both red and yellow fruit
Santa Lucia Grape	Nichols	cherry	early	I	GS	3.0	3.0	red	8	1	7	3	7	5	F1	
Snow White	Territorial	cherry	late	I	GS	3.0	2.7	pale yellow	2	1	6	4	5	4	PL	Mild, sweet flavor
Sugary	All America Selections	cherry	early	I	GS	3.8	2.8	pink	1	1	4	5	6	5	F1	Plum shaped; moderately acid flavor
Sungold	Territorial	cherry	early	I	GS	2.5	2.5	orange	5	1	7	3	9	7	F1	Excellent, sweet, moderately acid flavor
SunSugar	Nichols	cherry	early	I	GS	2.4	2.4	orange	7	1	4	2	8	6	F1	Very good, sweet flavor

¹Transplants set out May 31 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 a 1–9 scale with 9 = best cover.

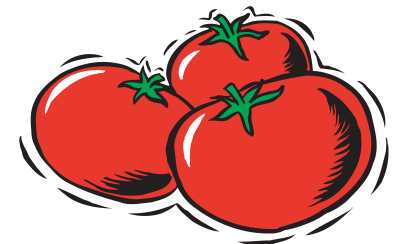
⁵Scores based on a 1–9 scale with 9 = best; i.e., least sunburn.

⁶Yield is total yield; yield efficiency refers to the ratio of yield to plant size; scores based on a 1–9 scale with 9 = best (highest ratio).

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Tomatoes¹

Variety	Source	Type	Maturity	Vine Type ²	Shoulder ³	Fruit Height (cm)	Fruit Width (cm)	Fruit Color	Leaf Cover ⁴	Sunburn ⁵	Yield ⁶	Yield Efficiency ⁶	Flavor ⁷	Overall Score ⁷	Cultivar Type ⁸	Notes ⁹
Sweet Baby Girl	Burpee	cherry	early	I	GS	3.0	3.5	red	3	1	4	4	8	6	F1	Very good, sweet flavor
Yellow Pear	Nichols	heirloom pear	mid season	I	GS	4.0	2.5	yellow	3	1	7	3	6	6	PL	
Black Plum	Territorial	heirloom plum	early	I	GS	4.5	3.0	dark red-brown	7	1	5	4	7	5	PL	Good flavor but texture is somewhat mealy; blossom end rot
Thai Pink	Appalachian	heirloom small plum	early	I	GS	4.5	3.5	pink	9	1	4	2	7	5	PL	Sweet
Giant Valentine	Nichols	paste	mid season	I	UR	8.0	5.5	red	4	1	4	4	7	4	F1	Severe blossom end rot; unique flavor is juicy and sweet with a chewy skin
Halley 3155	Tomato Growers Supply	paste	mid season	D	UR	7.5	6.8	red	6	1	9	9	3	7	F1	Blossom end rot
Oregon Star	OSU	paste/ slicer	early	D	UR	7.0	7.0	red	7	1	6	7	5	6	PL	Large, pear shape; multilocular firm fruit; long keeping; strong tendency for seedless fruit
Oroma	OSU	paste	mid season	D	UR	9.0	3.5	red	4	1	7	8	4	6	PL	Concentrated yield of firm, long-keeping fruit; sparsely seedy; classic Roma shape; blossom end rot
Puebla	Harris	paste	mid season	D	UR	8.0	5.5	red	4	1	7	7	5	6	F1	Some blossom end rot
Roma	Nichols	paste	late	D	UR	7.0	5.0	red	7	1	8	6	5	6	PL	Firm fruit; bland flavor
Ropreco Paste	Seeds of Change	paste	mid season	D	UR	6.0	5.0	red	6	1	8	7	5	6	PL	Firm, meaty fruit
Saucy	OSU	paste	early	D	UR	4.4	5.6	red	5	1	8	9	5	8	PL	Concentrated yield of long-keeping fruit; thick walls; good flavor
Principe Borghese	Johnny's	heirloom small paste	early	I	GS	3.5	3.5	red	7	1	6	5	5	5	PL	Mealy texture

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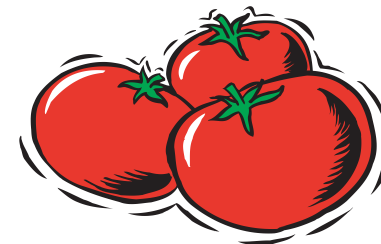
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San Marzano	Seeds of Change	heirloom paste	mid season	I	GS	7.0	5.0	red	5	1	7	6	3	5	PL	Firm fruit; bland flavor
Early Girl	Territorial	salad	early	I	GS	5.5	6.5	red	7	1	7	5		7	F1	
Early Wonder	Tomato Growers Supply	salad	mid season	D	GS	4.5	6.5	pink	6	1	6	4	6	5	PL	Large core; mealy texture; variable leaf type
Extreme Bush	Victory	salad	early	D	GS	4.5	4.5	red	6	1	5	8	6	5	PL	Very compact plant with high yield for size
Fourth of July	Burpee	salad	early	I	GS	4.5	5.0	red	5	1	5	4	7	6	F1	Good flavor with balance of sugar and acid
Glory	Nichols	salad	mid season	I	GS	5.0	6.0	red	6	1	6	4	3	4	F1	Blossom end rot; soft flesh; thick skin
Health Kick	Burpee	salad	mid season	D	UR	5.0	4.5	red	6	1	7	6	5	6	F1	Blossom end rot
IPB	OSU	salad	early	I	GS	4.0	4.0	red	3	1	3	3	6	4	PL	Thick skin; pleasant flavor
Leading Lady	Sunseeds	salad	mid season	D	UR	4.5	7.0	red	6	1	6	6	6	5	F1	Severe blossom end rot
Momotaro	Nichols	salad	late	I	GS	6.0	5.5	pink	6	1	5	3	7	6	F1	Good flavor; variable fruit shape
New Yorker	Harris Moran	salad	early	D	UR	4.5	5.5	red	5	6	7	8	4	5	PL	
Oregon 11	OSU	small salad	very early	D	GS	3.8	5.0	red	1	1	5	6	7	4	PL	Very early; strongly seedless; exposed fruit; concentric cracking
Russian Red	Victory	salad	mid season	SD	GS	4.0	5.0	red	6	1	6	7	4	4	PL	Stiff, upright habit; soft flesh; thick skin; meaty; bland flavor
Stupice	Appalachian	salad	early	I	GS	4.5	4.5	red	5	6	5	4	6	5	PL	Open vine; soft fruit; sunburn; good tomato flavor
Golden Bison	Johnny's	heirloom salad	early	D	GS	3.5	5.5	yellow gold	5	4	7	8	3	5	PL	Mild flavor; low acid

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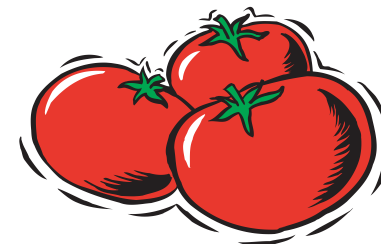
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Matina	Territorial	heirloom salad	early	I	UR	4	5	red	3	1	4	3	6	5	PL	White core; moderately acidic
Seattle's Best of All	Territorial	heirloom salad	mid season	I	UR	4.5	5.5	red	6	1	6	4	6	6	PL	Good balance of sweet and acid
Tiger-like	Territorial	heirloom salad	early	I	UR	3.5	4.5	red with yellow and green stripes	5	1	4	3	5	4	PL	Juicy with mild flavor
BHN 216	BHN	slicer	mid season	D	GS	7.0	8.5	red	4	4	6	7	5	5	F1	Blossom end rot; firm flesh; flavor is good balance of sweet and acid
BHN 310	BHN	slicer	mid season	D	UR	6.0	7.5	red	5	6	7	5	5	5	F1	Good yield of large fruit
BHN 359	BHN	slicer	mid season	D	UR	6.2	8.6	red	5	2	7	6	6	5	F1	Blossom end rot; radial cracking
BHN 361	BHN	slicer	mid season	D	UR	8.5	9.0	red	4	4	7	7	4	5	F1	Some variation in shape—some fruit with nipples; mealy texture
BHN 363	BHN	slicer	late	D	UR	7.0	8.0	red	3	5	7	7	4	5	F1	Some variation in shape—some fruit with nipples; mealy texture
Big Beef	Nichols	slicer	mid season	I	UR	6.0	8.0	red	5	1	6	4	5	5	F1	Blossom end rot
Brandy Boy	Burpee	slicer	mid season	I	GS	7.0	13.0	pink	6	1	5	3	5	5	F1	
Burpee's Early Pick	Tomato Growers Supply	slicer	mid season	I	GS	4.5	6.5	red	6	1	5	3	6	3	F1	
Carmello	Nichols	slicer	mid season	I	GS	6.0	7.0	red	5	1	6	4	6	6	F1	Uniform, attractive fruit
Celebrity	Nichols	slicer	mid season	D	GS	6.0	7.0	red	4	3	8	7	6	7	F1	Mild blossom end rot
Crimson Sprinter	Seeds of Change	slicer	mid season	I	UR	7.0	8.0	red	4	6	5	4	8	7	PL	Meaty; good, sweet flavor; large fruit; thick skin
Cuostralee	Appalachian	slicer	very late	I	UR	5.8	12.3	red	7	1	4	3	3	3	PL	Blossom end rot

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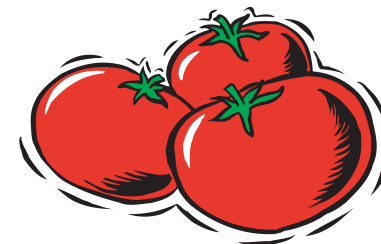
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Daybreak	Tomato Growers Supply	slicer	mid season	D	GS	7.0	7.0	red	5	1	7	6	7	6	F1	Blossom end rot; good flavor
Fireworks	Tomato Growers Supply	slicer	mid season	I	GS	7.0	7.4	red	5	2	5	4	6	5	PL	Uneven fruit size and shape; large core; persistent green shoulder
Glamour	Harris	slicer	mid season	D	UR	6.5	8.5	red	3	1	7	5	7	6	PL	Uniform shape; soft flesh; good flavor
Legend	OSU	slicer	early	D	UR	6.0	8.5	red	7	2	7	7	6	7	PL	Concentrated early yield of large fruit; strong tendency for seedless fruit; late blight resistant
Martian Giant	Seeds of Change	slicer	mid season	I	GS	6.0	7.5	red	6	1	6	5	6	5	PL	Soft flesh; sweet
Medford	OSU	slicer	mid season	D	UR	6.0	7.0	red	7	2	8	7	5	7	PL	Open canopy; medium firm fruit; good yield
Orange King	Victory	slicer	late	SD	GS	6.0	8.0	orange	5	1	5	5	5	5	PL	
Oregon Spring	OSU	slicer	early	D	GS	6.0	7.5	red	8	1	7	7	6	6	PL	Concentrated yield; strong tendency for seedless fruit; good, meaty texture; some rough fruit and blossom-end scarring
Pik Red	Harris Moran	slicer	mid season	D	GS	6.0	9.0	red	3	6	6	6	6	4	F1	Very firm flesh; some blossom end rot
Pink Beauty	Johnny's	slicer	mid season	I	GS	5.5	6.0	pink	7	1	4	4	7	6	F1	Blossom end rot; moderately acidic
Santiam	OSU	slicer	early	D	GS	5.0	6.6	red	6	3	5	8	5	7	PL	Similar to Oregon Spring; slightly earlier and slightly smaller
Severianin	OSU	slicer	early	D	GS	6.5	5.0	red	7	1	7	8	5	6	PL	Mild flavor
Show Girl	Sunseeds	slicer	mid season	D	UR	5.6	7.5	red	6	3	7	7	5	6	F1	Severe blossom end rot

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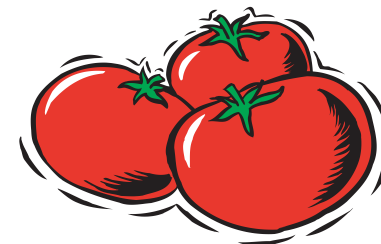
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Siletz	OSU	slicer	early	D	GS	6.0	8.0	red	7	1	6	7	6	6	PL	Similar to Oregon Spring, with fewer rough fruit
Sunchief	Harris	slicer	mid season	D	UR	7.0	10.0	red	6	1	7	7	5	6	F1	Large fruit; mealy
Victory	Victory	slicer	mid season	SD	GS	6.0	8.0	red	7	1	4	4	4	4	PL	Blossom end rot; soft flesh; thin skin
Willamette VF	OSU	slicer	mid season	I	UR	6.0	7.5	red	4	2	8	7	5	6	PL	Productive; mild flavor
Willamette	OSU	slicer	mid season	D	UR	6.0	6.5	red	5	1	7	5	6	6	PL	Productive; mild flavor
Anna Russian	Appalachian	heirloom slicer	mid season	I	GS	10.0	7.0	red	7	1	3	1	6	4	PL	Meaty
Black	Territorial	heirloom slicer	early	I	GS	8.5	5.0	very dark red	5	1	2	2	7	4	PL	Large blossom-end scar; meaty; acidic
Black From Tula	Seed Savers Exchange	heirloom slicer	mid season	I	GS	5.0	7.5	pinkish purple	5	1	5	3	5	4	PL	Big plant with low yield; fruit cracking
Black Krim	Appalachian	heirloom slicer	mid season	I	GS	5.0	7.5	dark red-purple	5	2	5	3	5	5	PL	Very similar to Black From Tula
Black Prince	Nichols	heirloom slicer	mid season	I	GS	4.5	7.5	dark red	5	1	3	2	7	5	PL	Low yield; fruit rot and cracking
Brandywine	Johnny's	heirloom slicer	mid season	I	GS	6.0	10.0	pink	6	1	4	4	6	5	PL	Thick stem makes fruit hard to pick; flavor OK but not exceptional
Brandywine	Territorial	heirloom slicer	mid season	I	GS	7.0	10.0	pink	6	1	4	4	6	5	PL	Very similar to Brandywine from Johnny's
Brandywine	Burpee	heirloom slicer	mid season	I	GS	5.2	10.4	pink	7	1	4	7	3	4	PL	Meaty but with bland flavor
Brandywine	Seeds of Change	heirloom slicer	late	I	GS	6.0	14.0	pink	8	1	6	4	7	7	PL	Seems to be true Brandywine type in taste and appearance; thin skin; potato leaf plant

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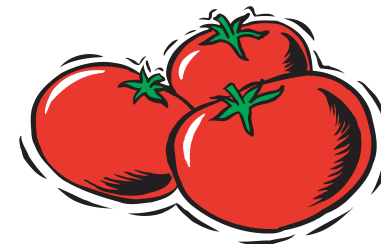
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Brandywine Black	Tomato Growers Supply	heirloom slicer	mid season	I	GS	6.5	6.0	very dark red	4	3	7	4	5	4	PL	Variable fruit shape; sweet, bland flavor; blossom end rot; fruit rots easily
Brandywine Landis Valley Strain	Tomato Growers Supply	heirloom slicer	mid season	I	GS	6.0	7.0	red	6	1	3	2	5	5	PL	Variable fruit shape; small fruit; fair flavor
Brandywine Sudduth	Victory	heirloom slicer	late	I	GS	6.2	10.0	pink	6	2	5	3	7	7	PL	Very similar to Brandywine from Seeds of Change
Bulgarian #7	Tomato Growers Supply	heirloom slicer	late	I	UR	5.5	6.5	red	5	1	6	4	4	5	PL	Strongly acid flavor
Burbank Slicing	Territorial	heirloom slicer	mid season	D	UR	6.5	7.0	red	4	5	7	7	4	5	PL	Variable fruit size and shape; bland flavor
Caspian Pink	Nichols	heirloom slicer	late	I	GS	6.5	8.5	pink	5	1	5	4	5	5	PL	Mealy; radial cracking
Cherokee Purple	Territorial	heirloom slicer	mid season	I	GS	5.5	11.0	purple	4	1	5	4	5	4	PL	Strong flavor
Cherokee Chocolate	Victory	heirloom slicer	mid season	I	GS	6.0	11.0	dark red-brown	5	1	5	3	7	6	PL	Attractive fruit; good flavor
Costoluto Genovese	Territorial	heirloom slicer	early	I	GS	4.5	10.0	red	4	7	6	4	5	5	PL	Blossom end rot; prominent ribs with some cracking; sweet
Druzba	Appalachian	heirloom slicer	mid season	I	GS	5.6	8.5	red	5	1	6	6	6	6	PL	
Dwarf Champion Improved	Victory	heirloom slicer	mid season	SD	GS	4.5	8.0	pink	7	1	7	7	6	6	PL	Upright habit; good yield of attractive fruit
Earl of Edgecombe	Appalachian	heirloom slicer	mid season	I	GS	4.0	8.0	orange	6	1	4	3	6	5	PL	Interesting sweet, fruity flavor
Eva Purple Ball	Appalachian	heirloom slicer	late	I	UR	5.5	8.0	pink	8	1	6	4	6	6	PL	

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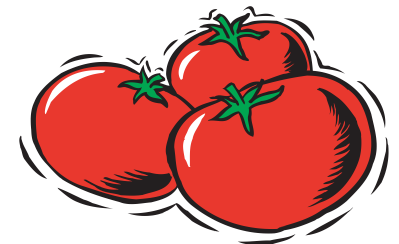
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Large Pink Bulgarian	Appalachian	heirloom slicer	mid season	I	GS	7.0	11.0	pink	7	1	4	4	7	4	PL	Stem-end scar; interesting flavor is rich but low acid
Millet's Dakota	Victory	heirloom slicer	early	I	GS	4.5	8.5	red	6	1	3	3	—	2	PL	Severe blossom end rot
Mortgage Lifter	Nichols	heirloom slicer	mid season	I	GS	7.0	12.0	pink	8	1	4	3	7	5	PL	Rich flavor, low in acid; meaty
New Big Dwarf	Victory	heirloom slicer	mid season	I	GS	4.0	8.0	pink	8	1	3	3	5	3	PL	Rough fruit are Brandywine shape and size
Purple Calabash	Territorial	heirloom slicer	mid season	I	GS	2.0	7.0	pinkish purple	5	1	3	3	3	2	PL	Very strong flavor
Rose	Johnny's	heirloom slicer	late	I	GS	8.0	11.5	pink	6	1	5	2	—	—	PL	
Sandul Moldovan	Appalachian	heirloom slicer	late	I	GS	7.0	10.0	pink	6	1	6	4	7	6	PL	Attractive color and appearance; thick, soft flesh; sweet
Sophie's Choice	Appalachian	heirloom slicer	mid season	D	UR	6.0	8.5	red	7	3	8	7	4	5	PL	Thick skin; soft, mealy flesh; bland flavor
Striped German	Johnny's	heirloom slicer	very late	I	GS	6.2	10.3	yellow with red stripes	7	2	6	5	6	5	PL	Attractive fruit; mild, pleasant flavor
Tiffen Mennonite	Tomato Growers Supply	heirloom slicer	late	I	GS	7.0	10.0	pink	6	1	6	4	5	5	PL	
Burgess Stuffing	Tomato Growers Supply	stuffing	mid season	I	GS	5.5	7.0	red	6	1	6	5	1	5	PL	
Evergreen	Nichols	novelty	very late	I	GS	4.0	7.7	greenish yellow	7	1	5	3	4	4	PL	Very rough, deeply lobed, multilocular fruit with blossom-end scarring
Garden Peach	Appalachian	heirloom novelty	very late	I	GS	3.7	4.5	yellow	7	1	4	3	6	5	PL	Rank plant; fuzzy, pale-yellow fruit; fruity flavor
Jersey Devil	Appalachian	heirloom novelty	mid season	I	GS	8.0	5.5	red	6	1	4	4	1	2	PL	Blossom end rot; meaty fruit but poor flavor

¹Transplants set out May 31 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 a 1–9 scale with 9 = best cover.

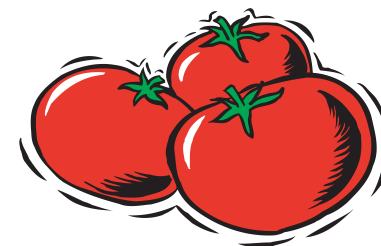
⁵Scores based on a 1–9 scale with 9 = best; i.e., least sunburn.

⁶Yield is total yield; yield efficiency refers to the ratio of yield to plant size; scores based on a 1–9 scale with 9 = best (highest ratio).

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

⁸F1 = F1 hybrid: the direct result of a cross between two genetically different parents (usually inbred lines)—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.

⁹Multilocular 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 are often 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 is usually confined to the surface.



Watermelons¹

Variety	Source	Maturity	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (cm)	Disease ²	Yield ³	Seed Color	Brix ⁴	Flavor ³	Overall Score ³	Cultivar Type ⁵	Notes ⁶
ACX 570T	Abbott & Cobb	medium	dark pink	dark green	24.0	24.0	1.5	4	6	seedless	8.0	5	6	F1	Round fruit; very firm, fibrous texture
ACX 810	Abbott & Cobb	medium	light red	dark green with light-green stripes	43.7	27.0	2.2	3	6	black	10.4	7	7	F1	Severe internal cracking
Betsy	Sunseeds	medium late	dark pink	light green with dark-green stripes	19.5	20.0	1.5	3	3	seedless	12.4	6	6	F1	Personal-size melon; sweet
Bobbie	Sunseeds	late	dark pink	light green with dark-green stripes	21.0	21.5	1.4	4	1	seedless	11.2	7	7	F1	Personal-size melon; some internal cracking
Charleston Grey	Various*	medium late	light red	light green with dark-green netting	48.0	22.5	2.5	3	6	black	11.0	7	6	OP	Internal cracking
Constitution	Sunseeds	medium	red	dark green with medium-green stripes	22.0	22.0	1.3	6	6	seedless	10.0	6	6	F1	Round fruit
Crimson Delight	Harris	medium	dark pink	dark green with medium-green stripes	29.0	28.0	2.0	2	7	brown	11.0	7	8	F1	Good yield of uniform fruit
Crimson Sweet	Seeds of Change	medium late	light red	light green with dark-green stripes	31.5	30.0	1.8	2	4	brown	12.2	5	5	OP	Severe internal cracking
Early Moonbeam	Seeds of Change	medium early	yellow	dark green with medium-green stripes	19.0	21.0	1.0	5	6	brown	8.0	5	5	OP	Personal-size melon; internal cracking
Festival	Johnny's	early	salmon pink	dark green with medium-green stripes	23.0	25.0	2.0	7	5	brown	9.5	5	5	F1	Round; good texture; small plant; good yield for plant size
Freedom	Sunseeds	medium	red	dark green with wide, medium-green stripes	27.0	22.0	2.0	3	5	seedless	11.0	8	7	F1	Thick rind relative to fruit size; good flavor
Goldflower	Johnny's	very early	golden	dark green with medium-green stripes	39.0	17.0	0.7	5	5	brown	11.0	8	7	F1	Good flavor; internal cracking
Henry Field's Prize	Henry Field's	late	pink	dark green with light-green stripes	27.0	25.5	1.8	2	3	seedless	12.2	7	5	F1	Some internal cracking; sweet

¹Direct seeded June 14 with 60" row spacing.

²Disease scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot, fusarium wilt, and powdery mildew.

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 (usually inbred lines)—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.

⁶Personal-size melons are very small; generally about 2–4 pounds.

*Available from several sources; see *Garden Seed Inventory* (sixth edition), published by Seed Savers Exchange, 3094 North Winn Road, Decorah, Iowa 52101.



Watermelons¹

Variety	Source	Maturity	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (cm)	Disease ²	Yield ³	Seed Color	Brix ⁴	Flavor ³	Overall Score ³	Cultivar Type ⁵	Notes ⁶
Henry Field's Sweet Cheer	Henry Field's	medium	red	dark green with some stripes	47.0	25.0	1.2	2	6	brown	9.5	7	7	F1	
Mini Yellow	D Palmer	medium	light yellow	dark green	17.0	21.0	0.6	4	3	brown	9.0	6	5	F1	Personal-size melon; some internal cracking
Montreal	Sunseeds	medium	red	dark green with medium-green stripes	33.0	24.0	1.0	3	7	brown	9.0	5	7	F1	Uniform fruit
New Orchid	Johnny's	medium early	golden yellow	dark green with medium-green stripes	24.5	24.0	1.5	6	5	brown	9.5	7	6	F1	Variable fruit size
Orange Julius	D Palmer	late	peach	pale green with medium-green stripes	23.0	26.5	1.5	3	1	seedless	11.4	5	3	F1	Severe internal cracking
Revolution	Sunseeds	medium	light red	dark green with variable striping	34.5	24.5	2.2	9	4	seedless	12.4	7	3	F1	Sweet; some internal cracking
Ruby	Hollar	medium late	dark pink	dark green with medium-green stripes	25.5	26.0	1.8	3	5	seedless	11.6	8	7	F1	Good flavor; some internal cracking
Sangria	Rogers	medium	dark pink	dark green with light-green stripes	48.0	20.0	1.5	5	5	brown	11.0	7	6	F1	
Stars 'n Stripes	Harris Moran	medium late	light red	dark green with light-green stripes	46.0	25.5	1.9	2	7	black	11.2	8	8	F1	Good yield; good flavor
Sugar Baby	Harris	early	orange-red	dark green	25.0	24.5	1.7	7	5	light brown	10.0	5	5	OP	
Summer Sweet 3521Y	Abbott & Cobb	medium	pale yellow	light green with narrow, dark-green stripes	32.0	21.0	1.0	2	8	seedless	12.2	7	9	F1	Very good yield of uniform fruit; sweet
Sweet Eat'n	D Palmer	medium late	light red	dark green with light-green stripes	23.5	25.5	1.7	2	4	seedless	11.8	7	6	F1	
Talledega	Sakata	medium	light red	light green with dark-green stripes	27.5	25.5	2.0	5	5	seedless	11.6	7	6	F1	
Vanessa	Sunseeds	late	orange-red	dark green	22.5	20.0	1.5	2	5	seedless	10.0	5	5	F1	

¹Direct seeded June 14 with 60" row spacing.

²Disease scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot, fusarium wilt, and powdery mildew.

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

⁴Brix = percent soluble solids (a measure of sweetness; higher numbers indicate sweeter fruit).

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⁶Personal-size melons are very small; generally about 2–4 pounds.



Watermelons¹

Variety	Source	Maturity	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (cm)	Disease ²	Yield ³	Seed Color	Brix ⁴	Flavor ³	Overall Score ³	Cultivar Type ⁵	Notes ⁶
Verona	Seeds of Change	medium late	pink	dark green	22.5	21.5	1.4	2	7	brown	10.0	4	5	OP	
Yellow Bird	D Palmer	medium late	yellow	light green with dark-green stripes	24.5	25.0	1.6	1	5	seedless	10.0	7	7	F1	

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